



Guideline: “Diagnosis and treatment of dementia and Mild Cognitive Impairment”

Supplementary material

Review search strategies

Review question 1

What are the most effective methods of case finding for people at high risk of dementia?

Number of records per database

Database	Records
Cochrane Database od Systematic Reviews	30
CENTRAL	634
MEDLINE	1321
Embase	1591
Total (Database)	3576
Total (Database) after removing duplicates	2421

Cochrane Library (issue10, 2023)

ID	Search	Hits
#1	MeSH descriptor: [Dementia] explode all trees	9336
#2	(dementi* OR pseudodementia):ti,ab	15623
#3	(alzheimer* OR alzeimer* OR (cortical NEAR/4 sclerosis)):ti,ab	12922
#4	((encephalopath* OR cogniti* OR neurocogniti*) NEAR/4 (aids OR hiv)):ti,ab	468
#5	((aphasi* NEAR/4 (primary OR progress*)) OR mesulam* OR ppa OR (ftd NEAR/4 temporal)):ti,ab	663
#6	((creutzfeldt OR jakob*) NEAR/4 (disease OR syndrome)) OR cjd OR (spongiform NEAR/4 encephalopath*) OR "corticostriatospinal degeneration" OR (pseudosclerosis NEAR/4 spastic):ti,ab	64
#7	(binswanger* OR ((subcortic* OR arterisclerotic) NEAR/4 (encephalopath* OR leukoencephalopath*)) OR cadasil*):ti,ab	45
#8	((sub NEXT cortic*) NEAR/4 (encephalopath* OR leukoencephalopath*)):ti,ab	0
#9	((kosaka NEAR/2 shibayama) OR (neurofibrillary NEXT tangle*) OR dntc):ti,ab	81
#10	((frontotemporal OR (fronto NEXT temporal) OR (corticobasal OR (cortico NEXT basal) OR (frontal NEXT lobe))) NEAR/4 (degenerati* or dysfunction)) OR ftld OR ftlds OR ftd OR ftds):ti,ab	364
#11	(pick* NEAR/1 (complex OR disease* OR syndrome)):ti,ab	50
#12	((wilhemsen NEAR/1 lynch) OR ddpac OR (lob* NEAR/4 atroph*)):ti,ab	72
#13	(huntington* OR ((progressive OR major OR juvenile OR hereditary) NEAR/4 chorea)):ti,ab	757
#14	((kluver OR kluever) NEAR/4 bucy) OR (("temporal lobectomy" NEAR/4 behavi*) or ("temporal lobe" NEAR/4 dysfunction)):ti,ab	14
#15	((lewy NEXT bod*) OR dlb OR lbd OR dlbd):ti,ab	537
#16	((senile NEXT confusion) OR (senile NEXT psychosis) OR senilit*):ti,ab	55
#17	MeSH descriptor: [Tauopathies] this term only	14
#18	tauopath*:ti,ab	54
#19	cerad:ti,ab	148
#20	Posterior NEXT cortic* NEXT atroph*	16
#21	sivd:ti,ab	16
#22	{OR #1-#21}	26099
#23	MeSH descriptor: [Case Management] explode all trees	905
#24	MeSH descriptor: [Geriatric Assessment] explode all trees	1895
#25	(case* NEAR/1 (find* OR manag*)):ti,ab	3595
#26	(casefind* or casemanag*):ti,ab	425
#27	MeSH descriptor: [Intelligence Tests] this term only	511
#28	((short* or brief or standard or mini or quick or concise or accept* or typical or regula*) NEAR/4 (cognit* or single or batter* or intell* or mental*) NEAR/4 (test* or instrument* or evaluat* or investigation* or question*)):ti,ab	2275
#29	((mini-mental state examination or MMSE) NEAR/4 (screen* or identif* or risk* or find*)):ti,ab	4328
#30	(Cambridge cognition examination or CAMCOG):ti,ab	71
#31	DemTect:ti,ab,kw	43
#32	6cit:ti,ab,kw	6
#33	((six or "6") NEAR/1 item cognitive impairment test*):ti,ab,kw	38
#34	AD8	37

#35	"Informant Questionnaire on Cognitive Decline in the Elderly" or IQCODE	96
#36	{OR #23-#35}	12852
#37	#22 AND #36	1232
#38	#22 AND #36 with Publication Year from 2015 to present, in Trials	634
#39	#22 AND #36 with Cochrane Library publication date from Jan 2015 to present, in Cochrane Reviews	30

Database: Ovid MEDLINE(R) ALL <1946 to November 16, 2023>

Strategia di Ricerca:

- 1 exp Dementia/ (208837)
- 2 (dementi* or pseudodementia).tw. (141627)
- 3 (alzheimer* or alzeimer* or (cortical adj4 sclerosis)).tw. (187784)
- 4 ((encephalopath* or cogniti* or neurocogniti*) adj4 (aids or hiv)).tw. (4555)
- 5 ((aphasi* adj4 (primary or progress*)) or mesulam* or ppa or (ftd adj4 temporal)).tw. (6946)
- 6 (((creutzfeldt or ja?ob*) adj4 (disease or syndrome)) or cjd or (spongiform adj4 encephalopath*) or "corticostriatal degeneration" or (pseudosclerosis adj4 spastic)).tw. (11594)
- 7 (binswanger* or ((subcortic* or "sub cortic*" or arteriosclerotic) adj4 (encephalopath* or leukoencephalopath*)) or cadasil*).tw. (2609)
- 8 ((kosaka adj2 shibayama) or (neurofibrillary adj1 tangle*) or dntc).tw. (10036)
- 9 (((frontotemporal or (fronto adj temporal) or (corticobasal or (cortico adj basal) or (frontal adj lobe))) adj4 (degenerati* or dysfunction)) or ftld or ftlds or ftd or ftlds).tw. (10781)
- 10 ((pick* adj1 (complex or disease* or syndrome)) or (wilhemsen adj1 lynch) or ddpac or (lob* adj4 atroph*)).tw. (5920)
- 11 (huntington* or ((progressive or major or juvenile or hereditary) adj4 chorea)).tw. (21144)
- 12 (((kløver or kluever) adj4 bu?y) or (("temporal lobectomy" adj4 behavi*) or ("temporal lobe" adj4 dysfunction))).tw. (622)
- 13 ("lewy bod*" or dlb or lbd or dlbd).tw. (14604)
- 14 ("senile confusion" or "senile psychosis" or senilit*).tw. (871)
- 15 Tauopathies/ (2656)
- 16 tauopath*.tw. (5234)
- 17 cerad.tw. (935)
- 18 (Posterior adj cortic* adj atroph*).tw. (552)
- 19 sivd.tw. (179)
- 20 or/1-19 (354131)
- 21 Case Management/ (10672)
- 22 Geriatric Assessment/mt [Methods] (8717)
- 23 (case* adj1 (find* or manag*)).tw. (25045)
- 24 (casefind* or casemanag*).tw. (109)
- 25 Intelligence Tests/ (14777)
- 26 ((short* or brief or standard or mini or quick or concise or accept* or typical or regula*) adj4 (cognit* or single or batter* or intell* or mental*) adj4 (test* or instrument* or evaluat* or investigation* or question*)).tw. (8336)
- 27 ((mini-mental state examination or MMSE) adj4 (screen* or identif* or risk* or find*)).tw. (1027)
- 28 (Cambridge cognition examination or CAMCOG).tw. (362)
- 29 DemTect.tw. (86)
- 30 6cit.tw. (27)
- 31 ((six or "6") adj1 item cognitive impairment test*).tw. (58)
- 32 AD8.tw. (292)
- 33 (Informant Questionnaire on Cognitive Decline in the Elderly or IQCODE).tw. (374)
- 34 21 or 22 or 23 or 24 or 25 or 26 or 27 or 28 or 29 or 30 or 31 or 32 or 33 (63322)
- 35 20 and 34 (5517)
- 36 Animal/ not Human/ (5137080)
- 37 35 not 36 (5510)
- 38 limit 37 to english language (5070)
- 39 limit 37 to italian (6)
- 40 38 or 39 (5076)
- 41 Randomized Controlled Trial.pt. (603298)
- 42 Controlled Clinical Trial.pt. (95453)
- 43 Clinical Trial.pt. (539029)
- 44 exp Clinical Trials as Topic/ (385879)

45 Placebos/ (35934)
 46 Random Allocation/ (107040)
 47 Double-Blind Method/ (176659)
 48 Single-Blind Method/ (33048)
 49 Cross-Over Studies/ (55775)
 50 ((random\$ or control\$ or clinical\$) adj3 (trial\$ or stud\$)).tw. (1600246)
 51 (random\$ adj3 allocat\$).tw. (46403)
 52 placebo\$.tw. (251044)
 53 ((singl\$ or doubl\$ or trebl\$ or tripl\$) adj (blind\$ or mask\$)).tw. (200820)
 54 (crossover\$ or (cross adj over\$)).tw. (101719)
 55 or/41-54 (2448395)
 56 animals/ not humans/ (5137080)
 57 55 not 56 (2306279)
 58 40 and 57 (773)
 59 Meta-Analysis.pt. (189950)
 60 Meta-Analysis as Topic/ (23527)
 61 Review.pt. (3238255)
 62 exp Review Literature as Topic/ (23915)
 63 (metaanaly\$ or metanaly\$ or (meta adj3 analy\$)).tw. (288521)
 64 (review\$ or overview\$).ti. (782647)
 65 (systematic\$ adj5 (review\$ or overview\$)).tw. (335901)
 66 ((quantitative\$ or qualitative\$) adj5 (review\$ or overview\$)).tw. (17749)
 67 ((studies or trial\$) adj2 (review\$ or overview\$)).tw. (66797)
 68 (integrat\$ adj3 (research or review\$ or literature)).tw. (18991)
 69 (pool\$ adj2 (analy\$ or data)).tw. (45420)
 70 (handsearch\$ or (hand adj3 search\$)).tw. (11698)
 71 (manual\$ adj3 search\$).tw. (8863)
 72 or/59-71 (3742455)
 73 animals/ not humans/ (5137080)
 74 72 not 73 (3562601)
 75 40 and 74 (461)
 76 Observational Studies as Topic/ (9171)
 77 Observational Study/ (148745)
 78 Epidemiologic Studies/ (9426)
 79 exp Case-Control Studies/ (1458851)
 80 exp Cohort Studies/ (2540955)
 81 Cross-Sectional Studies/ (483638)
 82 Controlled Before-After Studies/ (741)
 83 Historically Controlled Study/ (231)
 84 Interrupted Time Series Analysis/ (1939)
 85 Comparative Study.pt. (1913325)
 86 case control\$.tw. (161700)
 87 case series.tw. (106638)
 88 (cohort adj (study or studies)).tw. (330655)
 89 cohort analy\$.tw. (12333)
 90 (follow up adj (study or studies)).tw. (57092)
 91 (observational adj (study or studies)).tw. (168421)
 92 longitudinal.tw. (331885)
 93 prospective.tw. (731639)
 94 retrospective.tw. (772332)
 95 cross sectional.tw. (533348)
 96 or/76-95 (5599796)
 97 40 and 96 (2399)
 98 58 or 75 or 97 (3122)
 99 limit 98 to yr="2015 -Current" (1321)

Search Strategy:

- 1 exp *Dementia/ (266718)
- 2 (dementi* or pseudodementia).tw. (203227)
- 3 (alzheimer* or alzeimer* or (cortical adj4 sclerosis)).tw. (252469)
- 4 ((encephalopath* or cogniti* or neurocogniti*) adj4 (aids or hiv)).tw. (6674)
- 5 ((aphasi* adj4 (primary or progress*)) or mesulam* or ppa or (ftd adj4 temporal)).tw. (10079)
- 6 (((creutzfeldt or ja?ob*) adj4 (disease or syndrome)) or cjd or (spongiform adj4 encephalopath*) or "corticostriatospinal degeneration" or (pseudosclerosis adj4 spastic)).tw. (14497)
- 7 (binswanger* or ((subcortic* or "sub cortic*" or arteriosclerotic) adj4 (encephalopath* or leukoencephalopath*)) or cadasil*).tw. (3776)
- 8 ((kosaka adj2 shibayama) or (neurofibrillary adj1 tangle*) or dntc).tw. (13379)
- 9 (((frontotemporal or (fronto adj temporal) or (corticobasal or (cortico adj basal) or (frontal adj lobe))) adj4 (degenerati* or dysfunction)) or ftld or ftlds or ftd or ftlds).tw. (18056)
- 10 ((pick* adj1 (complex or disease* or syndrome)) or (wilhemsen adj1 lynch) or ddpac or (lob* adj4 atroph*)).tw. (7876)
- 11 (huntington* or ((progressive or major or juvenile or hereditary) adj4 chorea)).tw. (28527)
- 12 (((kluver or kluever) adj4 bu?y) or (("temporal lobectomy" adj4 behavi*) or ("temporal lobe" adj4 dysfunction))).tw. (805)
- 13 ("lewy bod*" or dlb or lbd or dlbd).tw. (21675)
- 14 ("senile confusion" or "senile psychosis" or senilit*).tw. (948)
- 15 *tauopathy/ (3084)
- 16 tauopath*.tw. (8111)
- 17 cerad.tw. (1760)
- 18 (Posterior adj cortic* adj atroph*).tw. (969)
- 19 sivd.tw. (245)
- 20 or/1-19 (479987)
- 21 Case Management/ (13779)
- 22 *geriatric assessment/ (6963)
- 23 (case* adj1 (find* or manag*)).tw. (35602)
- 24 (casefind* or casemanag*).tw. (275)
- 25 Intelligence Tests/ (6745)
- 26 ((short* or brief or standard or mini or quick or concise or accept* or typical or regula*) adj4 (cognit* or single or batter* or intell* or mental*) adj4 (test* or instrument* or evaluat* or investigation* or question*)).tw. (12822)
- 27 ((mini-mental state examination or MMSE) adj4 (screen* or identif* or risk* or find*)).tw. (1717)
- 28 (Cambridge cognition examination or CAMCOG).tw. (490)
- 29 DemTect.tw. (154)
- 30 6cit.tw. (57)
- 31 ((six or "6") adj1 item cognitive impairment test*).tw. (87)
- 32 AD8.tw. (448)
- 33 (Informant Questionnaire on Cognitive Decline in the Elderly or IQCODE).tw. (617)
- 34 21 or 22 or 23 or 24 or 25 or 26 or 27 or 28 or 29 or 30 or 31 or 32 or 33 (69700)
- 35 20 and 34 (6908)
- 36 animal/ not human/ (1202800)
- 37 35 not 36 (6907)
- 38 limit 37 to english language (6397)
- 39 limit 37 to italian (17)
- 40 38 or 39 (6412)
- 41 Clinical-Trial/ or Randomized-Controlled-Trial/ or Randomization/ or Single-Blind-Procedure/ or Double-Blind-Procedure/ or Crossover-Procedure/ or Prospective-Study/ or Placebo/ (2572891)
- 42 (((clinical or control or controlled) adj (study or trial)) or ((single or double or triple) adj (blind\$3 or mask\$3)) or (random\$ adj (assign\$ or allocat\$ or group or grouped or patients or study or trial or distribut\$)) or (crossover adj (design or study or trial)) or placebo or placebos).ti,ab. (1390522)
- 43 41 or 42 (3117235)
- 44 40 and 43 (1051)
- 45 "meta analysis (topic)"/ (54073)
- 46 "systematic review"/ or "systematic review (topic)"/ (468857)
- 47 (metaanaly\$ or metanaly\$ or (meta adj3 analy\$)).tw. (366096)
- 48 (review\$ or overview\$).ti. (895166)

49 (systematic\$ adj5 (review\$ or overview\$)).tw. (407236)
50 ((quantitative\$ or qualitative\$) adj5 (review\$ or overview\$)).tw. (21307)
51 ((studies or trial\$) adj2 (review\$ or overview\$)).tw. (80208)
52 (integrat\$ adj3 (research or review\$ or literature)).tw. (21686)
53 (pool\$ adj2 (analy\$ or data)).tw. (66972)
54 (handsearch\$ or (hand adj3 search\$)).tw. (14228)
55 (manual\$ adj3 search\$).tw. (10628)
56 or/45-55 (1378298)
57 40 and 56 (308)
58 Observational Study/ (344142)
59 epidemiology/ (246487)
60 exp case control study/ (227631)
61 exp cohort analysis/ (1072094)
62 cross-sectional study/ (592229)
63 Controlled Before-After.mp. (535)
64 Historically Controlled Study.mp. (97)
65 Interrupted Time Series Analysis.mp. (3319)
66 comparative study/ (1033361)
67 case control\$.tw. (213679)
68 case series.tw. (150064)
69 (cohort adj (study or studies)).tw. (476303)
70 cohort analy\$.tw. (19857)
71 (follow up adj (study or studies)).tw. (74496)
72 (observational adj (study or studies)).tw. (260893)
73 longitudinal.tw. (448406)
74 prospective.tw. (1117074)
75 retrospective.tw. (1279707)
76 cross sectional.tw. (695135)
77 or/58-76 (5471242)
78 40 and 77 (2223)
79 44 or 57 or 78 (2932)
80 limit 79 to yr="2015 -Current" (1591)

Review questions 2a and 2c (specific populations)

Review question 2a

What are the most effective methods of primary assessment to decide whether a person with suspected dementia should be referred to a dementia service?

Review question 2c

What are the most effective methods of diagnosing dementia and dementia subtypes in specialist dementia diagnostic services?

Number of records per database

Database	Records
Cochrane Database od Systematic Reviews	20
CENTRAL	725
MEDLINE	2637
Embase	4512
Total (Database)	7894
Total (Database) after removing duplicates	5302

Cochrane Database od Systematic Reviews (Cochrane Library issue 10, 2023)

#1	MeSH descriptor: [Dementia] explode all trees	9336
#2	(dementi* OR pseudodementia):ti,ab	15623
#3	(alzheimer* OR alzeimer* OR (cortical NEAR/4 sclerosis)):ti,ab	12922
#4	((encephalopath* OR cogniti* OR neurocogniti*) NEAR/4 (aids OR hiv)):ti,ab	468
#5	((aphasi* NEAR/4 (primary OR progress*)) OR mesulam* OR ppa OR (ftd NEAR/4 temporal)):ti,ab	663
#6	((creutzfeldt OR jakob*) NEAR/4 (disease OR syndrome)) OR cjd OR (spongiform NEAR/4 encephalopath*) OR "corticostriatospinal degeneration" OR (pseudosclerosis NEAR/4 spastic):ti,ab	64
#7	(binswanger* OR ((subcortic* OR arterisclerotic) NEAR/4 (encephalopath* OR leukoencephalopath*)) OR cadasil*):ti,ab	45
#8	((sub NEXT cortic*) NEAR/4 (encephalopath* OR leukoencephalopath*)):ti,ab	0
#9	((kosaka NEAR/2 shibayama) OR (neurofibrillary NEXT tangle*) OR dntc):ti,ab	81
#10	((frontotemporal OR (fronto NEXT temporal) OR (corticobasal OR (cortico NEXT basal) OR (frontal NEXT lobe))) NEAR/4 (degenerati* or dysfunction)) OR ftld OR ftlds OR ftd OR ftds):ti,ab	364
#11	(pick* NEAR/1 (complex OR disease* OR syndrome)):ti,ab	50
#12	((wilhemsen NEAR/1 lynch) OR ddpac OR (lob* NEAR/4 atroph*)):ti,ab	72
#13	(huntington* OR ((progressive OR major OR juvenile OR hereditary) NEAR/4 chorea)):ti,ab	757
#14	((kluver OR kluever) NEAR/4 bucy) OR (("temporal lobectomy" NEAR/4 behavi*) OR ("temporal lobe" NEAR/4 dysfunction)):ti,ab	14
#15	((lewy NEXT bod*) OR dlb OR lbd OR dlbd):ti,ab	537
#16	((senile NEXT confusion) OR (senile NEXT psychosis) OR senilit*):ti,ab	55
#17	MeSH descriptor: [Tauopathies] this term only	14
#18	tauopath*:ti,ab	54
#19	cerad:ti,ab	148
#20	Posterior NEXT cortic* NEXT atroph*	16
#21	sivd:ti,ab	16
#22	{OR #1-#21} with Cochrane Library publication date from Jan 2017 to present, in Cochrane Reviews	106

Type Diagnostic 20

CENTRAL (Cochrane Library issue 10, 2023)

- #1 MeSH descriptor: [Dementia] explode all trees 9336
- #2 (dementi* OR pseudodementia):ti,ab 15623
- #3 (alzheimer* OR alzeimer* OR (cortical NEAR/4 sclerosis)):ti,ab 12922
- #4 ((encephalopath* OR cogniti* OR neurocogniti*) NEAR/4 (aids OR hiv)):ti,ab 468
- #5 ((aphasi* NEAR/4 (primary OR progress*)) OR mesulam* OR ppa OR (ftd NEAR/4 temporal)):ti,ab 663
- #6 (((creutzfeldt OR jakob*) NEAR/4 (disease OR syndrome)) OR cjd OR (spongiform NEAR/4 encephalopath*) OR "corticostriatospinal degeneration" OR (pseudosclerosis NEAR/4 spastic)):ti,ab 64
- #7 (binswanger* OR ((subcortic* OR arterisclerotic) NEAR/4 (encephalopath* OR leukoencephalopath*)) OR cadasil*):ti,ab 45
- #8 ((sub NEXT cortic*) NEAR/4 (encephalopath* OR leukoencephalopath*)):ti,ab 0
- #9 ((kosaka NEAR/2 shibayama) OR (neurofibrillary NEXT tangle*) OR dntc):ti,ab 81
- #10 (((frontotemporal OR (fronto NEXT temporal) OR (corticobasal OR (cortico NEXT basal) OR (frontal NEXT lobe)))) NEAR/4 (degenerati* or dysfunction)) OR ftld OR ftlds OR ftd OR ftds):ti,ab 364
- #11 (pick* NEAR/1 (complex OR disease* OR syndrome)):ti,ab 50
- #12 ((wilhemsen NEAR/1 lynch) OR ddpac OR (lob* NEAR/4 atroph*)):ti,ab 72
- #13 (huntington* OR ((progressive OR major OR juvenile OR hereditary) NEAR/4 chorea)):ti,ab 757
- #14 (((kluver OR kluever) NEAR/4 bucy) OR (("temporal lobectomy" NEAR/4 behavi*) or ("temporal lobe" NEAR/4 dysfunction))):ti,ab 14
- #15 ((lewy NEXT bod*) OR dlb OR lbd OR dlbd):ti,ab 537
- #16 ((senile NEXT confusion) OR (senile NEXT psychosis) OR senilit*):ti,ab 55
- #17 MeSH descriptor: [Tauopathies] this term only 14
- #18 tauopath*:ti,ab 54
- #19 cerad:ti,ab 148
- #20 Posterior NEXT cortic* NEXT atroph* 16
- #21 sivd:ti,ab 16
- #22 {OR #1-#21} 26099
- #23 MeSH descriptor: [Sensitivity and Specificity] explode all trees 19955
- #24 (sensitiv* OR ("predictive" NEXT value*) OR accurac*):ti,ab 99557
- #25 specificity:ti,ab 13645
- #26 ((pre-test OR pretest) NEXT probability):ti,ab 204
- #27 "post-test probability":ti,ab 53
- #28 ("likelihood" NEXT ratio*):ti,ab 890
- #29 {OR #23-#28} 114555
- #30 #22 AND #29 with Publication Year from 2017 to present, in Trials 725

Database: Ovid MEDLINE(R) ALL**Date: November 16, 2023**

- 1 exp Dementia/ (208837)
- 2 (dementi* or pseudodementia).tw. (141627)
- 3 (alzheimer* or alzeimer* or (cortical adj4 sclerosis)).tw. (187784)
- 4 ((encephalopath* or cogniti* or neurocogniti*) adj4 (aids or hiv)).tw. (4555)
- 5 ((aphasi* adj4 (primary or progress*)) or mesulam* or ppa or (ftd adj4 temporal)).tw. (6946)
- 6 (((creutzfeldt or ja?ob*) adj4 (disease or syndrome)) or cjd or (spongiform adj4 encephalopath*) or "corticostriatospinal degeneration" or (pseudosclerosis adj4 spastic)).tw. (11594)
- 7 (binswanger* or ((subcortic* or "sub cortic*" or arterisclerotic) adj4 (encephalopath* or leukoencephalopath*)) or cadasil*).tw. (2609)
- 8 ((kosaka adj2 shibayama) or (neurofibrillary adj1 tangle*) or dntc).tw. (10036)
- 9 (((frontotemporal or (fronto adj temporal) or (corticobasal or (cortico adj basal) or (frontal adj lobe)))) adj4

(degenerati* or dysfunction)) or ftld or ftlds or ftd or ftds).tw. (10781)

10 ((pick* adj1 (complex or disease* or syndrome)) or (wilhemsen adj1 lynch) or ddpac or (lob* adj4 atroph*)).tw. (5920)

11 (huntington* or ((progressive or major or juvenile or hereditary) adj4 chorea)).tw. (21144)

12 (((kluver or kluever) adj4 bu?y) or (("temporal lobectomy" adj4 behavi*) or ("temporal lobe" adj4 dysfunction))).tw. (622)

13 ("lewy bod*" or dlb or lbd or dlbd).tw. (14604)

14 ("senile confusion" or "senile psychosis" or senilit*).tw. (871)

15 Tauopathies/ (2656)

16 tauopath*.tw. (5234)

17 cerad.tw. (935)

18 (Posterior adj cortic* adj atroph*).tw. (552)

19 sivd.tw. (179)

20 or/1-19 (354131)

21 down syndrome/ (26560)

22 (down* adj4 (syndrome* or disease)).tw. (29125)

23 (mongolism or mongoloid*).tw. (2132)

24 (trisomy adj4 ("21" or g)).tw. (7419)

25 (translocation adj4 ("152122" or "15 21 22" or "15-21-22")).tw. (0)

26 exp Learning Disorders/ (23492)

27 ((learn* or intellect* or intelligen* or understand*) adj4 (difficult* or disorder* or disabl* or disabilit* or disturbanc* or impair* or deficit* or problem* or dysfunction* or slow*)).tw. (109973)

28 (concentrat* adj4 (loss* or lose*)).tw. (3703)

29 (develop* adj4 disorder* adj4 (academic* or scholastic)).tw. (36)

30 (special adj4 education* adj4 need*).tw. (1060)

31 (alcalculi* or dyscalculi*).tw. (529)

32 ((numerical* or numerac* or number* or math*) adj4 (difficult* or disorder* or disabl* or disabil* or impair*)).tw. (18543)

33 Gerstmann Syndrome/ (216)

34 ((gerstmann* or de-gerstmann* or de gerstmann* or degerstmann*) adj4 syndrome).tw. (622)

35 (debility or oligophren* or oligiphren*).tw. (1871)

36 ((velocardiofacial or vcf) adj4 syndrome).tw. (596)

37 (alexi* or dyslexi*).tw. (12468)

38 (word adj4 blind*).tw. (122)

39 ((read* or literac*) adj4 (difficult* or disorder* or disabl* or disabilit* or impair*)).tw. (9103)

40 Intellectual Disability/ (60205)

41 (mental* adj4 (handicap* or deficien* or retard*)).tw. (39592)

42 ((impair* or deficit*) adj4 (social* adj4 function*)).tw. (2517)

43 ((impair or deficit*) adj4 (cognitiv* adj4 function*)).tw. (2751)

44 ((impair or deficit*) adj4 (intellect* adj4 function*)).tw. (125)

45 amentia.tw. (77)

46 (SPLD or PMLD).tw. (160)

47 idioc*.tw. (632)

48 Attention Deficit Disorder with Hyperactivity/ (35176)

49 (attenti* adj4 deficit* adj4 disorder*).tw. (34615)

50 (ADHD or ADDH).tw. (32009)

51 (hyperkinetic adj4 syndrome).tw. (438)

52 (minimal* adj4 brain* adj4 disorder*).tw. (25)

53 or/21-52 (306312)

54 20 and 53 (14053)

55 Huntington Disease/ (13844)

56 (huntington* or chorea).tw. (24889)

57 Neurosyphilis/ (3403)

58 (neurosyphilis or neurosyphillis or neuroles).tw. (2559)

59 (nervous adj4 (syphilis or syphilis)).tw. (158)
 60 (tabes adj4 dorsalis).tw. (393)
 61 (((frontotemporal or (fronto adj temporal) or (corticobasal or (cortico adj basal) or (frontal adj lobe)))) adj4 (degenerati* or dysfunction)) or ftld or ftlds or ftd or ftds).tw. (10781)
 62 ((general or juvenile) adj4 (paralys* or pareses or paresis)).tw. (812)
 63 ((syphilis or syphilis) adj4 CNS).tw. (31)
 64 ((syphilis or syphilis) adj4 (Central adj4 nervous adj4 System)).tw. (75)
 65 (CADASIL or (cerebral adj4 autosomal adj4 dominant adj4 arteriopath* adj4 subcortical* adj4 infarct* adj4 leukoencephalopath*)).tw. (1626)
 66 exp Dementia, Vascular/ (7564)
 67 ((vascular or arteriosclerot* or multi-infarct* or multiinfarct* or multi infarct*) adj4 dementia*).tw. (9851)
 68 ((binswanger* or (subcortic* or "sub cortic*" or arterisclerotic)) adj4 (encephalopath* or leukoencephalopath*)).tw. (1674)
 69 (vascular adj4 cognitive adj4 impair* adj4 (disease* or disorder*)).tw. (408)
 70 vcid*.tw. (134)
 71 or/55-70 (55468)
 72 Parkinson Disease/ (83403)
 73 (Parkinson* or paralysis agitan* or shaking pals* or hypokinetic rigid syndrome*).tw. (146058)
 74 (PD or HRS).tw. (230419)
 75 exp syphilis/ (29776)
 76 (chancre* or syphil*).tw. (32546)
 77 or/72-76 (365157)
 78 20 and 77 (37405)
 79 54 or 71 or 78 (95632)
 80 (sensitiv: or predictive value:).mp. or accurac:.tw. (2619600)
 81 79 and 80 (7659)
 82 animals/ not humans/ (5137080)
 83 81 not 82 (7157)
 84 limit 83 to yr="2017 -Current" (2653)
 85 limit 84 to english language (2634)
 86 limit 83 to italian (3)
 87 85 or 86 (2637)

Database: Embase

Date: November 16, 2023

1 exp *Dementia/ (266718)
 2 (dementi* or pseudodementia).tw. (203227)
 3 (alzheimer* or alzeimer* or (cortical adj4 sclerosis)).tw. (252469)
 4 ((encephalopath* or cogniti* or neurocogniti*) adj4 (aids or hiv)).tw. (6674)
 5 ((aphasi* adj4 (primary or progress*)) or mesulam* or ppa or (ftd adj4 temporal)).tw. (10079)
 6 (((creutzfeldt or ja?ob*) adj4 (disease or syndrome)) or cjd or (spongiform adj4 encephalopath*) or "corticostriatospinal degeneration" or (pseudosclerosis adj4 spastic)).tw. (14497)
 7 (binswanger* or ((subcortic* or "sub cortic*" or arterisclerotic) adj4 (encephalopath* or leukoencephalopath*)) or cadasil*).tw. (3776)
 8 ((kosaka adj2 shibayama) or (neurofibrillary adj1 tangle*) or dntc).tw. (13379)
 9 (((frontotemporal or (fronto adj temporal) or (corticobasal or (cortico adj basal) or (frontal adj lobe)))) adj4 (degenerati* or dysfunction)) or ftld or ftlds or ftd or ftds).tw. (18056)
 10 ((pick* adj1 (complex or disease* or syndrome)) or (wilhemsen adj1 lynch) or ddpac or (lob* adj4 atroph*)).tw. (7876)
 11 (huntington* or ((progressive or major or juvenile or hereditary) adj4 chorea)).tw. (28527)
 12 (((kluver or kluever) adj4 bu?y) or (("temporal lobectomy" adj4 behavi*) or ("temporal lobe" adj4 dysfunction))).tw. (805)
 13 ("lewy bod*" or dlb or lbd or dlbd).ti. (6160)
 14 ("senile confusion" or "senile psychosis" or senilit*).tw. (948)

15 *tauopathy/ (3084)
 16 tauopath*.tw. (8111)
 17 cerad.tw. (1760)
 18 (Posterior adj cortic* adj atroph*).tw. (969)
 19 sivd.tw. (245)
 20 or/1-19 (472693)
 21 *Down syndrome/ (21796)
 22 (down* adj4 (syndrome* or disease)).tw. (37589)
 23 (mongolism or mongoloid*).tw. (1281)
 24 (trisomy adj4 ("21" or g)).tw. (10634)
 25 (translocation adj4 ("152122" or "15 21 22" or "15-21-22")).tw. (0)
 26 exp *learning disorder/ (15067)
 27 ((learn* or intellect* or intelligen* or understand*) adj4 (difficult* or disorder* or disabl* or disabilit* or disturbanc* or impair* or deficit* or problem* or dysfunction* or slow*)).tw. (146065)
 28 (develop* adj4 disorder* adj4 (academic* or scholastic)).tw. (62)
 29 (concentrat* adj4 (loss* or lose*)).tw. (4626)
 30 (special adj4 education* adj4 need*).tw. (1667)
 31 (alcalculi* or dyscalculi*).tw. (669)
 32 ((numerical* or numerac* or number* or math*) adj4 (difficult* or disorder* or disabl* or disabil* or impair*)).tw. (25504)
 33 Gerstmann syndrome/ (457)
 34 ((gerstmann* or de-gerstmann* or de gerstmann* or degerstmann*) adj4 syndrome).tw. (734)
 35 (debility or oligophren* or oligiphren*).tw. (2048)
 36 ((velocardiofacial or vcf) adj4 syndrome).tw. (756)
 37 (alexi* or dyslexi*).tw. (17818)
 38 (word adj4 blind*).tw. (85)
 39 ((read* or literac*) adj4 (difficult* or disorder* or disabl* or disabilit* or impair*)).tw. (10896)
 40 *intellectual impairment/ (15605)
 41 (mental* adj4 (handicap* or deficien* or retard*)).tw. (48049)
 42 ((impair* or deficit*) adj4 (social* adj4 function*)).tw. (3724)
 43 ((impair or deficit*) adj4 (cognitiv* adj4 function*)).tw. (4101)
 44 ((impair or deficit*) adj4 (intellect* adj4 function*)).tw. (169)
 45 amentia.tw. (53)
 46 (SPLD or PMLD).tw. (210)
 47 idioc*.tw. (239)
 48 Attention Deficit Disorder with Hyperactivity/ (12245)
 49 (attenti* adj4 deficit* adj4 disorder*).tw. (44353)
 50 (ADHD or ADDH).tw. (46518)
 51 (hyperkinetic adj4 syndrome).tw. (554)
 52 (minimal* adj4 brain* adj4 disorder*).tw. (35)
 53 or/21-52 (356652)
 54 20 and 53 (18977)
 55 *Huntington chorea/ (17512)
 56 (huntington* or chorea).tw. (33165)
 57 *neurosyphilis/ (2273)
 58 (neurosyphilis or neurosyphillis or neuroles).tw. (2867)
 59 (nervous adj4 (syphilis or syphillis)).tw. (85)
 60 (tabes adj4 dorsalis).tw. (318)
 61 (((frontotemporal or (fronto adj temporal) or (corticobasal or (cortico adj basal) or (frontal adj lobe)))) adj4 (degenerati* or dysfunction)) or ftld or ftlds or ftd or ftds).tw. (18056)
 62 ((general or juvenile) adj4 (paralys* or pareses or paresis)).tw. (625)
 63 ((syphilis or syphillis) adj4 CNS).tw. (49)
 64 ((syphilis or syphillis) adj4 (Central adj4 nervous adj4 System)).tw. (51)
 65 (CADASIL or (cerebral adj4 autosomal adj4 dominant adj4 arteriopath* adj4 subcortical* adj4 infarct* adj4

leukoencephalopath*).tw. (2473)
66 exp *multiinfarct dementia/ (5897)
67 ((vascular or arteriosclerot* or multi-infarct* or multiinfarct* or multi infarct*) adj4 dementia*).tw. (14324)
68 ((binswanger* or (subcortic* or "sub cortic*" or arterisclerotic)) adj4 (encephalopath* or leukoencephalopath*).tw. (2281)
69 (vascular adj4 cognitive adj4 impair* adj4 (disease* or disorder*)).tw. (592)
70 vcid*.tw. (221)
71 or/55-70 (73575)
72 *Parkinson disease/ (122578)
73 (Parkinson* or paralysis agitan* or shaking pals* or hypokinetic rigid syndrome*).tw. (207430)
74 (PD or HRS).ti. (45868)
75 exp *syphilis/ (18383)
76 (chancre* or syphil*).tw. (29719)
77 or/72-76 (292651)
78 20 and 77 (48484)
79 54 or 71 or 78 (125948)
80 (sensitiv: or predictive value:).mp. or accurac:.tw. (3249884)
81 79 and 80 (10969)
82 animal/ not human/ (1202800)
83 81 not 82 (10910)
84 limit 83 to yr="2017 -Current" (4540)
85 limit 84 to english language (4502)
86 limit 83 to italian (10)
87 85 or 86 (4512)

Review questions 2a and 2c (specific tests)

Review question 2a

What are the most effective methods of primary assessment to decide whether a person with suspected dementia should be referred to a dementia service?

Review question 2c

What are the most effective methods of diagnosing dementia and dementia subtypes in specialist dementia diagnostic services?

Number of records per database

Database	Records
Cochrane Database od Systematic Reviews	29
CENTRAL	704
MEDLINE	4462
Embase	7189
Total (Database)	12384
Total (Database) after removing duplicates	8825

Filters: no filters were applied for the study design.

Cochrane Library Issue 10, 2023

- #1 MeSH descriptor: [Dementia] explode all trees 9336
- #2 (dementi* OR pseudodementia):ti,ab 15623
- #3 (alzheimer* OR alzeimer* OR (cortical NEAR/4 sclerosis)):ti,ab 12922
- #4 ((encephalopath* OR cogniti* OR neurocogniti*) NEAR/4 (aids OR hiv)):ti,ab 468
- #5 ((aphasi* NEAR/4 (primary OR progress*)) OR mesulam* OR ppa OR (ftd NEAR/4 temporal)):ti,ab 663
- #6 (((creutzfeldt OR jakob*) NEAR/4 (disease OR syndrome)) OR cjd OR (spongiform NEAR/4 encephalopath*) OR "corticostriatospinal degeneration" OR (pseudosclerosis NEAR/4 spastic)):ti,ab 64
- #7 (binswanger* OR ((subcortic* OR arterisclerotic) NEAR/4 (encephalopath* OR leukoencephalopath*)) OR cadasil*):ti,ab 45
- #8 ((sub NEXT cortic*) NEAR/4 (encephalopath* OR leukoencephalopath*)):ti,ab 0
- #9 ((kosaka NEAR/2 shibayama) OR (neurofibrillary NEXT tangle*) OR dntc):ti,ab 81
- #10 (((frontotemporal OR (fronto NEXT temporal) OR (corticobasal OR (cortico NEXT basal) OR (frontal NEXT lobe))) NEAR/4 (degenerati* or dysfunction)) OR ftld OR ftlds OR ftd OR ftds):ti,ab 364
- #11 (pick* NEAR/1 (complex OR disease* OR syndrome)):ti,ab 50
- #12 ((wilhemsen NEAR/1 lynch) OR ddpac OR (lob* NEAR/4 atroph*)):ti,ab 72
- #13 (huntington* OR ((progressive OR major OR juvenile OR hereditary) NEAR/4 chorea)):ti,ab 757
- #14 (((kluver OR kluever) NEAR/4 bucy) OR (("temporal lobectomy" NEAR/4 behavi*) or ("temporal lobe" NEAR/4 dysfunction)):ti,ab 14
- #15 ((lewy NEXT bod*) OR dlb OR lbd OR dlbd):ti,ab 537
- #16 ((senile NEXT confusion) OR (senile NEXT psychosis) OR senilit*):ti,ab 55
- #17 MeSH descriptor: [Tauopathies] this term only 14
- #18 tauopath*:ti,ab 54
- #19 cerad:ti,ab 148
- #20 Posterior NEXT cortic* NEXT atroph* 16
- #21 sivd:ti,ab 16
- #22 {OR #1-#21} 26099
- #23 MeSH descriptor: [Sensitivity and Specificity] explode all trees 19955
- #24 (sensitiv* OR ("predictive" NEXT value*) OR accurac*):ti,ab 99557
- #25 #23 OR #24 111285
- #26 #22 AND #25 with Cochrane Library publication date from Jan 2017 to present, in Cochrane Reviews 29
- #27 #22 AND #25 with Publication Year from 2017 to present, in Trials 704

Database: Ovid MEDLINE(R)

Date: November 16, 2023

- 1 exp Dementia/ (208837)
- 2 (dementi* or pseudodementia).tw. (141627)
- 3 (alzheimer* or alzeimer* or (cortical adj4 sclerosis)).tw. (187784)
- 4 ((encephalopath* or cogniti* or neurocogniti*) adj4 (aids or hiv)).tw. (4555)
- 5 ((aphasi* adj4 (primary or progress*)) or mesulam* or ppa or (ftd adj4 temporal)).tw. (6946)
- 6 (((creutzfeldt or ja?ob*) adj4 (disease or syndrome)) or cjd or (spongiform adj4 encephalopath*) or "corticostriatospinal degeneration" or (pseudosclerosis adj4 spastic)).tw. (11594)
- 7 (binswanger* or ((subcortic* or "sub cortic*" or arterisclerotic) adj4 (encephalopath* or leukoencephalopath*)) or cadasil*).tw. (2609)
- 8 ((kosaka adj2 shibayama) or (neurofibrillary adj1 tangle*) or dntc).tw. (10036)
- 9 (((frontotemporal or (fronto adj temporal) or (corticobasal or (cortico adj basal) or (frontal adj lobe))) adj4 (degenerati* or dysfunction)) or ftld or ftlds or ftd or ftds).tw. (10781)
- 10 ((pick* adj1 (complex or disease* or syndrome)) or (wilhemsen adj1 lynch) or ddpac or (lob* adj4 atroph*)).tw.

(5920)

- 11 (huntington* or ((progressive or major or juvenile or hereditary) adj4 chorea)).tw. (21144)
- 12 (((kluver or kluever) adj4 bu?y) or (("temporal lobectomy" adj4 behavi*) or ("temporal lobe" adj4 dysfunction))).tw. (622)
- 13 ("lewy bod*" or dlb or lbd or dlbd).tw. (14604)
- 14 ("senile confusion" or "senile psychosis" or senilit*).tw. (871)
- 15 Tauopathies/ (2656)
- 16 tauopath*.tw. (5234)
- 17 cerad.tw. (935)
- 18 (Posterior adj cortic* adj atroph*).tw. (552)
- 19 sivd.tw. (179)
- 20 or/1-19 (354131)
- 21 (CAMDEX* or (cambridge* adj4 mental* adj4 disorder* adj4 elderly adj4 exam*)).tw. (225)
- 22 (cambridge* adj4 mental* adj4 disorder* adj4 elderly adj4 scale*).tw. (7)
- 23 (SKT or (short adj4 cognitive adj4 perform* adj4 test*)).tw. (339)
- 24 IQCODE.tw. (282)
- 25 (Informant adj4 Questionnaire adj4 Cognitive adj4 Decline adj4 Elderly).tw. (317)
- 26 (MOCA or (montreal adj4 cognitive adj4 assess*)).tw. (6819)
- 27 ((test adj4 your adj4 memor*) or TYM).tw. (605)
- 28 ((self-administer* adj4 geocognitive* adj4 exam*) or (self adj4 administer* adj4 cognitive adj4 exam*)).tw. (5)
- 29 SAGE.tw. (4782)
- 30 ((front* adj4 assess* adj4 batter*) or FAB).tw. (19334)
- 31 or/21-30 (32295)
- 32 exp Brain/ (1339890)
- 33 (brain* or encephlon*).tw. (1238050)
- 34 32 or 33 (1968064)
- 35 exp Biopsy/ (309343)
- 36 biops*.tw. (466408)
- 37 35 or 36 (625390)
- 38 34 and 37 (21680)
- 39 31 or 38 (53954)
- 40 (sensitiv: or predictive value:).mp. or accurac:.tw. (2619600)
- 41 20 and 39 and 40 (1024)
- 42 (2017* or 2018* or 2019* or 2020* or 2021* or 2022*).ed. (6703123)
- 43 41 and 42 (346)
- 44 (clock* adj4 draw* adj4 (test* or task*)).tw. (1314)
- 45 ("clock test*" or "clock task" or CDT).tw. (4633)
- 46 44 or 45 (5415)
- 47 20 and 46 (810)
- 48 (sensitiv: or predictive value:).mp. or accurac:.tw. (2619600)
- 49 47 and 48 (308)
- 50 (2017* or 2018* or 2019* or 2020* or 2021* or 2022*).ed. (6703123)
- 51 49 and 50 (64)
- 52 (mini-cog or minicog or mini cog).tw. (300)
- 53 exp Electroencephalography/ (171912)
- 54 (EEG* or electroencephalogra* or stereoencephalogra*).tw. (123415)
- 55 (brain wave* or brainwave* or (wave adj4 oscillat*)).tw. (3058)
- 56 ((alpha or beta or delta or gamma or theta) adj4 rhythm*).tw. (6288)
- 57 electrocorticogra*.tw. (4150)
- 58 ((electric* or electro*) adj4 cortigra*).tw. (1)
- 59 (ecog* adj4 (intraoperative* or extraoperative*)).tw. (256)
- 60 (cortical adj4 (synchro* or desynchro*)).tw. (1561)
- 61 or/52-60 (212726)
- 62 (sensitiv: or predictive value:).mp. or accurac:.tw. (2619600)

63 (2017* or 2018* or 2019* or 2020* or 2021* or 2022*).ed. (6703123)
64 20 and 61 and 62 and 63 (309)
65 Fluorodeoxyglucose F18/ (37139)
66 ((fluorodeoxyglucose or fludeoxyglucose) adj4 (F18 or f 18 or fluorine-18 or fluorine* or 18f or 18 f)).tw. (15891)
67 (FDG-18 or FDG 18 or FDG18 or 18-FDG or 18 FDG or 18FDG).tw. (4281)
68 or/65-67 (44179)
69 exp Positron-Emission Tomography/ (80475)
70 PET*.tw. (236055)
71 (positron* adj4 tomograph*).tw. (72902)
72 or/69-71 (271774)
73 20 and 68 and 72 (2426)
74 (FDG-PET* or FDGPET* or FDG PET*).tw. (32882)
75 20 and 74 (1987)
76 73 or 75 (3093)
77 (sensitiv: or predictive value:).mp. or accurac:.tw. (2619600)
78 (2017* or 2018* or 2019* or 2020* or 2021* or 2022*).ed. (6703123)
79 76 and 77 and 78 (260)
80 exp Apolipoproteins E/ (23782)
81 (apoe* or apo e* or apo-e* or apolipoproteins e or apolipoprotein e or apoprotein*).tw. (44217)
82 80 or 81 (47286)
83 Amyloid beta-Peptides/ (40595)
84 Amyloid beta-Protein Precursor/ (13906)
85 (amyloid* adj4 (beta or ad ap or adap or ad-ap or protein*)).tw. (66337)
86 ((nexin 2 or nexin ii) adj4 protease*).tw. (78)
87 ((abeta or a beta) adj4 (peptide* or protein*)).tw. (19750)
88 or/83-87 (80577)
89 Cerebrospinal fluid/ (19501)
90 (Cerebrospinal* adj4 fluid*).tw. (101922)
91 CSF*.tw. (121224)
92 ((cerebral* or cerebro*) adj4 spin* adj4 fluid*).tw. (4445)
93 (brain* adj4 ventricl* adj4 fluid*).tw. (122)
94 ((cranial* or spine* or spinal*) adj4 fluid*).tw. (7428)
95 neurolymph.tw. (1)
96 (cerebrospinal* adj4 liquor*).tw. (108)
97 (cerebrospinal fluid or cf).fs. (53009)
98 or/89-97 (197193)
99 88 and 98 (6764)
100 Myocardial Perfusion Imaging/ (5867)
101 ((myocardi* or heart* or cardiac*) adj4 scintigraph*).tw. (5009)
102 ((myocardi* or heart* or cardiac*) adj4 (perfus* adj4 imag*)).tw. (6756)
103 3-Iodobenzylguanidine/ (3646)
104 (MIBG or iobenguane or 3 iodobenzylguanidine or 3-iodobenzylguanidine or m iodobenzylguanidine or m-iodobenzylguanidine or miodobenzylguanidine or meta iodobenzylguanidine or meta-iodobenzylguanidine or metaiodobenzylguanidine or meta iodobenzylguanidine).tw. (5081)
105 or/100-104 (18871)
106 82 or 99 or 105 (71749)
107 (sensitiv: or predictive value:).mp. or accurac:.tw. (2619600)
108 (2017* or 2018* or 2019* or 2020* or 2021* or 2022*).ed. (6703123)
109 20 and 106 and 107 and 108 (871)
110 14-3-3 Proteins/ (4494)
111 (14-3-3 or 14 3 3).tw. (5384)
112 tau Proteins/ (19183)
113 tau.tw. (55797)
114 (p-tau or ptau or p tau).tw. (3256)

115 or/110-114 (64697)
116 Cerebrospinal fluid/ (19501)
117 (Cerebrospinal* adj4 fluid*).tw. (101922)
118 CSF*.tw. (121224)
119 ((cerebral* or cerebro*) adj4 spin* adj4 fluid*).tw. (4445)
120 (brain* adj4 ventricl* adj4 fluid*).tw. (122)
121 ((cranial* or spine* or spinal*) adj4 fluid*).tw. (7428)
122 neurolymph.tw. (1)
123 (cerebrospinal* adj4 liquor*).tw. (108)
124 (cerebrospinal fluid or cf).fs. (53009)
125 or/116-124 (197193)
126 20 and 115 and 125 (5826)
127 (sensitivity: or predictive value:).mp. or accuracy.tw. (2619600)
128 (2017* or 2018* or 2019* or 2020* or 2021* or 2022*).ed. (6703123)
129 126 and 127 and 128 (537)
130 exp Tomography, Emission-Computed, Single-Photon/ (34891)
131 (SPECT or SPET).tw. (33294)
132 (single adj4 photon adj4 emission adj4 compute* adj4 tomograph*).tw. (18910)
133 (single adj4 photon adj4 emission adj4 ct adj4 scan*).tw. (124)
134 (single adj4 photon adj4 emission adj4 cat adj4 scan*).tw. (1)
135 GPCOG*.tw. (39)
136 (general adj4 practitioner* adj4 assess* adj4 cognit*).tw. (43)
137 (GP* adj4 assess* adj4 cognit*).tw. (37)
138 or/130-137 (48308)
139 (sensitivity: or predictive value:).mp. or accuracy.tw. (2619600)
140 (2017* or 2018* or 2019* or 2020* or 2021* or 2022*).ed. (6703123)
141 20 and 138 and 139 and 140 (123)
142 tau Proteins/ (19183)
143 (tau or (p-tau or ptau or p tau)).tw. (56023)
144 (Addenbrooke* adj4 cognit* adj4 exam*).tw. (652)
145 ACE*.tw. (782081)
146 ((mini* or revis*) adj4 ACE*).tw. (3476)
147 (Fototest* or phototest*).tw. (510)
148 exp Magnetic Resonance Spectroscopy/ (223769)
149 (magnetic adj4 resonan*).tw. (423401)
150 (MR or NMR or MRI* or FMRI*).tw. (687695)
151 exp Magnetic Resonance Imaging/ (539206)
152 (chemical adj4 shift adj4 imag*).tw. (1505)
153 (echo adj4 imag* adj4 spin*).tw. (5055)
154 (magnet* adj4 transfer* adj4 contrast* adj4 imag*).tw. (166)
155 zeugmatograph*.tw. (35)
156 exp Positron-Emission Tomography/ (80475)
157 PET*.tw. (236055)
158 (positron* adj4 emission* adj4 tomograph*).tw. (72541)
159 (MMSE or (Mini adj4 mental adj4 state adj4 exam*)).tw. (23013)
160 (HIV adj4 dementia adj4 scale).tw. (159)
161 (HDS or IHDS or I-HDS or M-HDS or MHDS).tw. (2553)
162 ((neuronal or neural) adj4 (thread adj4 protein*)).tw. (58)
163 (NTP or AD7c-NTP or AD7cNTP or AD7c NTP).tw. (4292)
164 Nerve tissue proteins/ur [Urine] (54)
165 exp Neuroimaging/ (197873)
166 (neuroimag* or (brain* adj4 imag*)).tw. (115900)
167 (diffus* adj4 tensor adj4 imag*).tw. (17150)
168 (functional adj4 brain adj4 imag*).tw. (4283)

169 (diffus* adj4 tractograph*).tw. (2973)
 170 (brain adj4 map*).tw. (9471)
 171 (functional adj4 cerebral adj4 local*).tw. (54)
 172 connectom*.tw. (6129)
 173 (map* adj4 neural adj4 network*).tw. (695)
 174 neuroradiograph*.tw. (223)
 175 (cerebral* adj4 (angiograph* or ventriculograph*)).tw. (8242)
 176 (echoencephalograph* or neurosolog*).tw. (577)
 177 (transcranial* adj4 doppler* adj4 (sonograph* or ultrasonograph* or ultrasound*)).tw. (4626)
 178 (myelograph* or pneumoencephalograph*).tw. (7435)
 179 exp Tomography, X-Ray Computed/ (496108)
 180 ((computed or computer assisted or computeriz* or computeris* or electron beam* or axial*) adj4 tomograph*).tw. (373239)
 181 (cat scan* or ct scan* or cine ct or cine-ct or tomodensitomet*).tw. (120770)
 182 Four-Dimensional Computed Tomography/ (1990)
 183 (4d ct or 4dct or 4-dimensional CT or four dimensional CT).tw. (2175)
 184 exp Tomography, Spiral Computed/ (16512)
 185 ((helical or spiral) adj4 ct*).tw. (8762)
 186 or/142-185 (2832152)
 187 (sensitivity: or predictive value:).mp. or accuracy.tw. (2619600)
 188 (2017* or 2018* or 2019* or 2020* or 2021* or 2022*).ed. (6703123)
 189 20 and 186 and 187 and 188 (4175)
 190 ((3-stage or 3stage or 3 stage) adj4 command*).tw. (2)
 191 ((three-stage or threestage or three stage) adj4 command*).tw. (8)
 192 (Abbreviated adj4 mental adj4 test*).tw. (371)
 193 AMT*.tw. (4736)
 194 (Arizona adj4 battery adj4 communication adj4 disorder* adj4 dementia*).tw. (11)
 195 (Assess* adj4 motor adj4 process adj4 skill*).tw. (213)
 196 AMPS.tw. (6358)
 197 (block adj4 tapping).tw. (249)
 198 (brixton adj4 test*).tw. (60)
 199 (california adj4 verbal* adj4 learn* adj4 test*).tw. (1212)
 200 CVLT.tw. (771)
 201 (cambridge adj4 cognitive adj4 exam*).tw. (207)
 202 CAMCOG.tw. (357)
 203 (Chessington adj4 occupational adj4 therap* adj4 Neurologic* adj4 assess* adj4 battery).tw. (2)
 204 COTNAB.tw. (1)
 205 (Cognitive adj4 linguistic adj4 quick adj4 test*).tw. (9)
 206 CLQT.tw. (10)
 207 cognistat.tw. (91)
 208 (door* adj4 people adj4 test*).tw. (25)
 209 (galveston adj4 orientat* adj4 amnes* adj4 test*).tw. (55)
 210 GOAT.tw. (23299)
 211 (hayling adj4 test*).tw. (152)
 212 (intersect* adj4 pentagon*).tw. (29)
 213 (loewenstein adj4 occupational adj4 therap* adj4 cognitive adj4 assess*).tw. (64)
 214 LOTCA*.tw. (73)
 215 (Lothian adj4 aphasia adj4 stroke adj4 cognitive adj4 assess*).tw. (0)
 216 LASKA.tw. (26)
 217 (Mental adj4 status adj4 questionnaire).tw. (547)
 218 (MSQ or SPMSQ).tw. (645)
 219 (Measur* adj4 cognitive adj4 linguistic adj4 abilit*).tw. (14)
 220 MCLA.tw. (170)
 221 ((OT adj4 cognitive adj4 screen* adj4 tool*) or (occupational adj4 therap* adj4 cognitive adj4 screen* adj4

tool*).tw. (1)

222 (perceiv* adj4 recall* adj4 plan* adj4 perform*).tw. (24)

223 PRPP.tw. (756)

224 ((picture or communication) adj4 card*).tw. (1331)

225 (repeat adj4 battery adj4 assess* adj4 neuropsychological adj4 status).tw. (1)

226 RBANS.tw. (742)

227 (rivermead adj4 behavio* adj4 memor* adj4 test*).tw. (215)

228 RBMT.tw. (139)

229 (Rivermead adj4 percept* adj4 assess* adj4 battery).tw. (8)

230 RPAB.tw. (45)

231 (Screening adj4 Instrument* adj4 neuropsychological adj4 Impairment* adj4 Stroke).tw. (2)

232 (Short adj4 orientat* adj4 memor* adj4 concentrat* adj4 test*).tw. (48)

233 SOMC.tw. (66)

234 ((short adj4 blessed adj4 test*) or (blessed adj4 orientation adj4 memor* adj4 concentrat*)).tw. (90)

235 ((verbal adj4 fluency adj4 test*) or (fluency adj4 task*)).tw. (4038)

236 (word adj4 generat* adj4 (test* or task*)).tw. (329)

237 (wessex adj4 injur* adj4 matrix).tw. (21)

238 WHIM.tw. (357)

239 ((6-item or 6item or 6 item) adj4 (cognitive adj4 impairment*)).tw. (24)

240 6CIT.tw. (27)

241 (RUDAS or (rowlan* adj4 dementia* adj4 assess* adj4 scale*)).tw. (90)

242 or/190-241 (46283)

243 (sensitiv: or predictive value:).mp. or accurac:.tw. (2619600)

244 (2017* or 2018* or 2019* or 2020* or 2021* or 2022*).ed. (6703123)

245 20 and 242 and 243 and 244 (143)

246 NINCDS*.tw. (817)

247 (Institute of Neurological and Communicative Disorders and Stroke and the Alzheimer's Disease and Related Disorders Association).tw. (206)

248 (National Institute of Neurological Disorders and Stroke).tw. (916)

249 Association International pour la Recherche et l'Enseignement en Neurosciences.tw. (3)

250 (Alzheimer's Disease and related Disorders Association).tw. (303)

251 (ICD 10 or ICD-10 or ICD10).tw. (16525)

252 International Classification of Diseases.tw. (16708)

253 (DSM V or DSMV or DSM-V or DSM 5 or DSM5 or DSM five or DSM-5).tw. (10545)

254 (DSM-IV or DSM IV or DSMIV or DSM 4 or DSM4 or DSM-4 or DSM four).tw. (27151)

255 (DSM-IV-TR or DSMIVTR or DMS IV TR or DSM-4-TR or DSM4TR or DMS 4 TR).tw. (3188)

256 (DSM-IIR or DSMIIR or DSM IIR or DSM-2R or DSM2R or DSM 2R).tw. (4)

257 (Diagnostic and statistical Manual of Mental Disorders).tw. (10491)

258 (consensus adj4 criteria*).tw. (5498)

259 (Lund-Manchester or LundManchester or Lund Manchester).tw. (20)

260 NINDS.tw. (977)

261 (reference adj4 standard*).tw. (35803)

262 (diagnos* adj4 criteria*).tw. (82287)

263 or/246-262 (186044)

264 20 and 263 (7602)

265 Autopsy/ (45442)

266 (autops* or post-mortem* or postmortem* or post mortem*).tw. (140642)

267 pathology.fs. (3264024)

268 neuropathology.tw. (15401)

269 or/265-268 (3359330)

270 264 and 269 (1541)

271 43 or 51 or 64 or 79 or 109 or 129 or 141 or 189 or 245 or 270 (6352)

272 Animals/ not Humans/ (5137080)

273 271 not 272 (6119)

274 limit 273 to english language (5910)
275 limit 273 to italian (2)
276 274 or 275 (5912)
277 limit 276 to yr="2017 -Current" (4462)

Database: Embase

Date: November 16, 2023

1 exp *Dementia/ (266718)
2 (dementi* or pseudodementia).tw. (203227)
3 (alzheimer* or alzeimer* or (cortical adj4 sclerosis)).tw. (252469)
4 ((encephalopath* or cogniti* or neurocogniti*) adj4 (aids or hiv)).tw. (6674)
5 ((aphasi* adj4 (primary or progress*)) or mesulam* or ppa or (ftd adj4 temporal)).tw. (10079)
6 (((creutzfeldt or ja?ob*) adj4 (disease or syndrome)) or cjd or (spongiform adj4 encephalopath*) or "corticostriatal degeneration" or (pseudosclerosis adj4 spastic)).tw. (14497)
7 (binswanger* or ((subcortic* or "sub cortic*" or arteriosclerotic) adj4 (encephalopath* or leukoencephalopath*)) or cadasil*).tw. (3776)
8 ((kosaka adj2 shibayama) or (neurofibrillary adj1 tangle*) or dntc).tw. (13379)
9 (((frontotemporal or (fronto adj temporal) or (corticobasal or (cortico adj basal) or (frontal adj lobe))) adj4 (degenerati* or dysfunction)) or ftld or ftlds or ftd or ftlds).tw. (18056)
10 ((pick* adj1 (complex or disease* or syndrome)) or (wilhemsen adj1 lynch) or ddpac or (lob* adj4 atroph*)).tw. (7876)
11 (huntington* or ((progressive or major or juvenile or hereditary) adj4 chorea)).tw. (28527)
12 (((kløver or kløver) adj4 bu?y) or (("temporal lobectomy" adj4 behavi*) or ("temporal lobe" adj4 dysfunction))).tw. (805)
13 ("lewy bod*" or dlb or lbd or dlbd).tw. (21675)
14 ("senile confusion" or "senile psychosis" or senilit*).tw. (948)
15 *tauopathy/ (3084)
16 tauopath*.tw. (8111)
17 cerad.tw. (1760)
18 (Posterior adj cortic* adj atroph*).tw. (969)
19 sivd.tw. (245)
20 or/1-19 (479987)
21 (CAMDEX* or (cambridge* adj4 mental* adj4 disorder* adj4 elderly adj4 exam*)).tw. (289)
22 (cambridge* adj4 mental* adj4 disorder* adj4 elderly adj4 scale*).tw. (12)
23 (SKT or (short adj4 cognitive adj4 perform* adj4 test*)).tw. (492)
24 IQCODE.tw. (492)
25 (Informant adj4 Questionnaire adj4 Cognitive adj4 Decline adj4 Elderly).tw. (471)
26 MOCA.ti. or (montreal adj4 cognitive adj4 assess*).tw. (10271)
27 ((test adj4 your adj4 memor*) or TYM).tw. (261)
28 ((self-administer* adj4 geocognitive* adj4 exam*) or (self adj4 administer* adj4 cognitive adj4 exam*)).tw. (8)
29 SAGE.tw. (22007)
30 ((front* adj4 assess* adj4 batter*) or FAB).tw. (25083)
31 or/21-30 (58666)
32 exp brain/ (1597589)
33 (brain* or encephalon*).tw. (1629008)
34 32 or 33 (2401524)
35 exp biopsy/ (924846)
36 biops*.tw. (764385)
37 35 or 36 (1151042)
38 34 and 37 (44602)
39 31 or 38 (103188)
40 (sensitivity: or predictive value:).mp. or accuracy:tw. (3249884)
41 20 and 39 and 40 (1595)
42 (clock* adj4 draw* adj4 (test* or task*)).tw. (2221)

43 ("clock test*" or "clock task" or CDT).tw. (6647)
 44 42 or 43 (7988)
 45 20 and 44 (1399)
 46 (sensitiv: or predictive value:).mp. or accurac:.tw. (3249884)
 47 45 and 46 (412)
 48 (mini-cog or minicog or mini cog).tw. (670)
 49 exp electroencephalography/ (141774)
 50 (EEG* or electroencephalogra* or stereoencephalogra*).tw. (168698)
 51 (brain wave* or brainwave* or (wave adj4 oscillat*)).tw. (3427)
 52 ((alpha or beta or delta or gamma or theta) adj4 rhythm*).tw. (8224)
 53 electrocorticogra*.tw. (5337)
 54 ((electric* or electro*) adj4 cortigra*).tw. (0)
 55 (ecog* adj4 (intraoperative* or extraoperative*)).tw. (433)
 56 (cortical adj4 (synchro* or desynchro*)).tw. (2001)
 57 or/48-56 (243517)
 58 (sensitiv: or predictive value:).mp. or accurac:.tw. (3249884)
 59 20 and 57 and 58 (1543)
 60 fluorodeoxyglucose f 18/ (77994)
 61 ((fluorodeoxyglucose or fludeoxyglucose) adj4 (F18 or f 18 or fluorine-18 or fluorine* or 18f or 18 f)).tw. (20455)
 62 (FDG-18 or FDG 18 or FDG18 or 18-FDG or 18 FDG or 18FDG).tw. (8884)
 63 or/60-62 (84961)
 64 exp positron emission tomography/ (234250)
 65 PET*.tw. (356665)
 66 (positron* adj4 tomograph*).tw. (96175)
 67 or/64-66 (462129)
 68 20 and 63 and 67 (4641)
 69 (FDG-PET* or FDGPET* or FDG PET*).tw. (60232)
 70 20 and 69 (4356)
 71 68 or 70 (6685)
 72 (sensitiv: or predictive value:).mp. or accurac:.tw. (3249884)
 73 71 and 72 (1531)
 74 exp *apolipoprotein E/ (16018)
 75 (apoe* or apo e* or apo-e* or apolipoproteins e or apolipoprotein e or apoprotein*).tw. (59503)
 76 74 or 75 (60175)
 77 *amyloid beta protein/ (21699)
 78 *amyloid precursor protein/ (6755)
 79 (amyloid* adj4 (beta or ad ap or adap or ad-ap or protein*)).tw. (83231)
 80 ((nexin 2 or nexin ii) adj4 protease*).tw. (94)
 81 ((abeta or a beta) adj4 (peptide* or protein*)).tw. (22481)
 82 or/77-81 (90889)
 83 *cerebrospinal fluid/ (28039)
 84 (Cerebrospinal* adj4 fluid*).tw. (125654)
 85 CSF*.ti. (27265)
 86 ((cerebral* or cerebro*) adj4 spin* adj4 fluid*).tw. (6490)
 87 (brain* adj4 ventricl* adj4 fluid*).tw. (152)
 88 ((cranial* or spine* or spinal*) adj4 fluid*).tw. (10032)
 89 neurolymph.tw. (1)
 90 (cerebrospinal* adj4 liquor*).tw. (133)
 91 cerebrospinal fluid/ (127339)
 92 or/83-91 (211508)
 93 82 and 92 (7439)
 94 *myocardial perfusion imaging/ (5197)
 95 ((myocardi* or heart* or cardiac*) adj4 scintigraph*).tw. (7593)
 96 ((myocardi* or heart* or cardiac*) adj4 (perfus* adj4 imag*)).tw. (11411)

97 "(3 iodobenzyl)guanidine"/ (3865)
98 (MIBG or iobenguane or 3 iodobenzylguanidine or 3-iodobenzylguanidine or m iodobenzylguanidine or m-iodobenzylguanidine or miodobenzylguanidine or meta iodobenzylguanidine or meta-iodobenzylguanidine or metaiodobenzylguanidine or meta iodobenzylguanidine).tw. (8427)
99 or/94-98 (27408)
100 76 or 93 or 99 (93931)
101 (sensitiv: or predictive value:).mp. or accurac:.tw. (3249884)
102 20 and 100 and 101 (3379)
103 protein 14 3 3/ (6510)
104 (14-3-3 or 14 3 3).tw. (6992)
105 tau protein/ (39181)
106 tau.tw. (72494)
107 (p-tau or ptau or p tau).tw. (5366)
108 or/103-107 (90463)
109 cerebrospinal fluid/ (127339)
110 (Cerebrospinal* adj4 fluid*).tw. (125654)
111 CSF*.ti. (27265)
112 ((cerebral* or cerebro*) adj4 spin* adj4 fluid*).tw. (6490)
113 (brain* adj4 ventricl* adj4 fluid*).tw. (152)
114 ((cranial* or spine* or spinal*) adj4 fluid*).tw. (10032)
115 neurolymph.tw. (1)
116 (cerebrospinal* adj4 liquor*).tw. (133)
117 (cerebrospinal fluid or cf).fs,fx. (0)
118 or/109-117 (211508)
119 20 and 108 and 118 (9551)
120 (sensitiv: or predictive value:).mp. or accurac:.tw. (3249884)
121 119 and 120 (2512)
122 exp *single photon emission computed tomography/ (8052)
123 (SPECT or SPET).tw. (56077)
124 (single adj4 photon adj4 emission adj4 compute* adj4 tomograph*).tw. (22926)
125 (single adj4 photon adj4 emission adj4 ct adj4 scan*).tw. (147)
126 (single adj4 photon adj4 emission adj4 cat adj4 scan*).tw. (1)
127 GPCOG*.tw. (77)
128 (general adj4 practitioner* adj4 assess* adj4 cognit*).tw. (66)
129 (GP* adj4 assess* adj4 cognit*).tw. (63)
130 or/122-129 (62688)
131 (sensitiv: or predictive value:).mp. or accurac:.tw. (3249884)
132 20 and 130 and 131 (916)
133 *tau protein/ (12419)
134 (tau or (p-tau or ptau or p tau)).ti. (17942)
135 (Addenbrooke* adj4 cognit* adj4 exam*).tw. (1116)
136 ACE*.ti. (220959)
137 ((mini* or revis*) adj4 ACE*).tw. (4148)
138 (Fototest* or phototest*).tw. (723)
139 exp *nuclear magnetic resonance spectroscopy/ (26839)
140 (magnetic adj4 resonan*).ti. (120290)
141 (MR or NMR or MRI* or FMRI*).ti. (250252)
142 exp *nuclear magnetic resonance imaging/ (306019)
143 (chemical adj4 shift adj4 imag*).tw. (1807)
144 (echo adj4 imag* adj4 spin*).tw. (5915)
145 (magnet* adj4 transfer* adj4 contrast* adj4 imag*).tw. (189)
146 zeugmatograph*.tw. (39)
147 exp *positron emission tomography/ (71933)
148 PET*.ti. (124202)

149 (positron* adj4 emission* adj4 tomograph*).ti. (22002)
 150 (MMSE or (Mini adj4 mental adj4 state adj4 exam*)).ti. (1442)
 151 (HIV adj4 dementia adj4 scale).tw. (211)
 152 (HDS or IHDS or I-HDS or M-HDS or MHDS).tw. (4136)
 153 ((neuronal or neural) adj4 (thread adj4 protein*)).tw. (68)
 154 (NTP or AD7c-NTP or AD7cNTP or AD7c NTP).tw. (4474)
 155 exp *neuroimaging/. (32582)
 156 *protein urine level/. (2355)
 157 (neuroimag* or (brain* adj4 imag*)).ti. (30540)
 158 (diffus* adj4 tensor adj4 imag*).ti. (7215)
 159 (functional adj4 brain adj4 imag*).ti. (981)
 160 (diffus* adj4 tractograph*).tw. (3941)
 161 (brain adj4 map*).tw. (12660)
 162 (functional adj4 cerebral adj4 local*).tw. (61)
 163 connectom*.tw. (8137)
 164 (map* adj4 neural adj4 network*).tw. (762)
 165 neuroradiograph*.tw. (278)
 166 (cerebral* adj4 (angiograph* or ventriculograph*)).ti. (1847)
 167 (echoencephalograph* or neurosolog*).tw. (367)
 168 (transcranial* adj4 doppler* adj4 (sonograph* or ultrasonograph* or ultrasound*)).ti. (1631)
 169 (myelograph* or pneumoencephalograph*).tw. (7505)
 170 exp *x-ray computed tomography/. (12539)
 171 ((computed or computer assisted or computeriz* or computeris* or electron beam* or axial*) adj4 tomograph*).ti. (96397)
 172 (cat scan* or ct scan* or cine ct or cine-ct or tomodensitomet*).ti. (12783)
 173 *four dimensional computed tomography/. (1867)
 174 (4d ct or 4dct or 4-dimensional CT or four dimensional CT).ti. (1240)
 175 exp *spiral computer assisted tomography/. (4329)
 176 ((helical or spiral) adj4 ct*).ti. (4135)
 177 or/133-176 (1006156)
 178 (sensitiv: or predictive value:).mp. or accurac:.tw. (3249884)
 179 20 and 177 and 178 (7755)
 180 ((3-stage or 3stage or 3 stage) adj4 command*).tw. (2)
 181 ((three-stage or threestage or three stage) adj4 command*).tw. (13)
 182 (Abbreviated adj4 mental adj4 test*).tw. (620)
 183 AMT*.tw. (6980)
 184 (Arizona adj4 battery adj4 communication adj4 disorder* adj4 dementia*).tw. (16)
 185 (Assess* adj4 motor adj4 process adj4 skill*).tw. (299)
 186 AMPS.tw. (7586)
 187 (block adj4 tapping).tw. (324)
 188 (brixton adj4 test*).tw. (97)
 189 (california adj4 verbal* adj4 learn* adj4 test*).tw. (1903)
 190 CVLT.tw. (1511)
 191 (cambridge adj4 cognitive adj4 exam*).tw. (258)
 192 CAMCOG.tw. (485)
 193 (Chessington adj4 occupational adj4 therap* adj4 Neurologic* adj4 assess* adj4 battery).tw. (5)
 194 COTNAB.tw. (4)
 195 (Cognitive adj4 linguistic adj4 quick adj4 test*).tw. (24)
 196 CLQT.tw. (17)
 197 cognistat.tw. (153)
 198 (door* adj4 people adj4 test*).tw. (36)
 199 (galveston adj4 orientat* adj4 amnes* adj4 test*).tw. (89)
 200 GOAT.tw. (26497)
 201 (hayling adj4 test*).tw. (220)

202 (intersect* adj4 pentagon*).tw. (47)
203 (loewenstein adj4 occupational adj4 therap* adj4 cognitive adj assess*).tw. (87)
204 LOTCA*.tw. (119)
205 (Lothian adj4 aphasia adj4 stroke adj4 cognitive adj4 assess*).tw. (0)
206 LASKA.tw. (36)
207 (Mental adj4 status adj4 questionnaire).tw. (717)
208 (MSQ or SPMSQ).tw. (1237)
209 (Measur* adj4 cognitive adj4 linguistic adj4 abilit*).tw. (15)
210 MCLA.tw. (311)
211 ((OT adj4 cognitive adj4 screen* adj4 tool*) or (occupational adj4 therap* adj4 cognitive adj4 screen* adj4 tool*)).tw. (1)
212 (perceiv* adj4 recall* adj4 plan* adj4 perform*).tw. (36)
213 PRPP.tw. (840)
214 ((picture or communication) adj4 card*).tw. (1895)
215 (repeat adj4 battery adj4 assess* adj4 neuropsychological adj4 status).tw. (1)
216 RBANS.tw. (1279)
217 (rivermead adj4 behavio* adj4 memor* adj4 test*).tw. (314)
218 RBMT.tw. (233)
219 (Rivermead adj4 percept* adj4 assess* adj4 battery).tw. (10)
220 RPAB.tw. (55)
221 (Screening adj4 Instrument* adj4 neuropsychological adj4 Impairment* adj4 Stroke).tw. (2)
222 (Short adj4 orientat* adj4 memor* adj4 concentrat* adj4 test*).tw. (71)
223 SOMC.tw. (62)
224 ((short adj4 blessed adj4 test*) or (blessed adj4 orientation adj4 memor* adj4 concentrat*)).tw. (169)
225 ((verbal adj4 fluency adj4 test*) or (fluency adj4 task*)).tw. (6088)
226 (word adj4 generat* adj4 (test* or task*)).tw. (481)
227 (wessex adj4 injur* adj4 matrix).tw. (45)
228 WHIM.tw. (614)
229 ((6-item or 6item or 6 item) adj4 (cognitive adj4 impairment*)).tw. (42)
230 6CIT.tw. (57)
231 (RUDAS or (rowlan* adj4 dementia* adj4 assess* adj4 scale*)).tw. (148)
232 or/180-231 (59154)
233 (sensitiv: or predictive value:).mp. or accurac:.tw. (3249884)
234 20 and 232 and 233 (956)
235 NINCDS*.tw. (1550)
236 (Institute of Neurological and Communicative Disorders and Stroke and the Alzheimer's Disease and Related Disorders Association).tw. (269)
237 (National Institute of Neurological Disorders and Stroke).tw. (1246)
238 Association Internationale pour la Recherche et l'Enseignement en Neurosciences.tw. (3)
239 (Alzheimer's Disease and related Disorders Association).tw. (379)
240 (ICD 10 or ICD-10 or ICD10).tw. (37572)
241 International Classification of Diseases.tw. (22728)
242 (DSM V or DSMV or DSM-V or DSM 5 or DSM5 or DSM five or DSM-5).tw. (16730)
243 (DSM-IV or DSM IV or DSMIV or DSM 4 or DSM4 or DSM-4 or DSM four).tw. (41463)
244 (DSM-IV-TR or DSMIVTR or DMS IV TR or DSM-4-TR or DSM4TR or DMS 4 TR).tw. (5909)
245 (DSM-IIR or DSMIIR or DSM IIR or DSM-2R or DSM2R or DSM 2R).tw. (5)
246 (Diagnostic and statistical Manual of Mental Disorders).tw. (12387)
247 (consensus adj4 criteria*).tw. (9887)
248 (Lund-Manchester or LundManchester or Lund Manchester).tw. (31)
249 NINDS.tw. (2407)
250 (reference adj4 standard*).tw. (48584)
251 (diagnos* adj4 criteria*).tw. (134858)
252 or/235-251 (297368)
253 20 and 252 (13257)

254 autopsy/ (166472)
255 (autops* or post-mortem* or postmortem* or post mortem*).tw. (180345)
256 pathology/ (779997)
257 neuropathology.tw. (22096)
258 or/254-257 (1033473)
259 253 and 258 (1478)
260 41 or 47 or 59 or 73 or 102 or 121 or 132 or 179 or 234 or 259 (16620)
261 Animal/ not Human/ (1202800)
262 260 not 261 (16572)
263 limit 262 to yr="2017 -Current" (7334)
264 limit 263 to english language (7260)
265 limit 263 to italian (0)
266 letter/ or editorial/ or note/ (2871926)
267 264 not 266 (7189)

Review questions 2b e 2d (specific populations)

Review question 2b

What are the most effective methods of primary assessment to decide whether a person with suspected cognitive deficit should be referred to a dementia service?

Review question 2d

What are the most effective methods of diagnosing Mild cognitive impairment (MCI) in specialist dementia diagnostic services?

Number of records per database

Database	Records
CENTRAL	145
MEDLINE	1037
Embase	1485
Total (Database)	2283
Total (Database) after removing duplicates	1876

CENTRAL (Cochrane Library issue 10, 2023)

- #1 MeSH descriptor: [Cognitive Dysfunction] this term only 3070
- #2 (cogniti* NEAR/3 (dysfunction* or disorder* or impair* or declin* or deteriorat* or decrement*)):ti,ab 21977
- #3 MCI:ti,ab 3589
- #4 #1 OR #2 OR #3 23467
- #5 MeSH descriptor: [Down Syndrome] explode all trees 525
- #6 (down* NEAR/4 (syndrome* OR disease*)):ti,ab 1186
- #7 (mongolism OR mongoloid*):ti,ab 8
- #8 trisomy:ti,ab 236
- #9 translocation:ti,ab 1181
- #10 MeSH descriptor: [Learning Disabilities] explode all trees 712
- #11 ((learn* OR intellect* OR intelligen* OR understand*) NEAR/4 (difficult* OR disorder* OR disabl* OR disabilit* OR disturbanc* OR impair* OR deficit* OR problem* OR dysfunction* OR slow*)):ti,ab 5816
- #12 (develop*:ti,ab NEAR/4 disorder*:ti,ab NEAR/4 (academic*:ti,ab OR scholastic:ti,ab)) 29
- #13 (concentrat*:ti,ab NEAR/4 (loss*:ti,ab OR lose*:ti,ab)) 362
- #14 (special:ti,ab NEAR/4 education*:ti,ab NEAR/4 need*:ti,ab) 79
- #15 (alcalculi*:ti,ab OR dyscalculi*:ti,ab) 27
- #16 ((numerical*:ti,ab OR numerac*:ti,ab OR number*:ti,ab OR math*:ti,ab) NEAR/4 (difficult*:ti,ab OR disorder*:ti,ab OR disabl*:ti,ab OR disabil*:ti,ab OR impair*:ti,ab)) 1543
- #17 MeSH descriptor: [Gerstmann Syndrome] explode all trees 0
- #18 ((gerstmann* OR de-gerstmann* OR ("de" NEXT gerstmann*) OR degerstmann*) NEAR/4 syndrome):ti,ab 1
- #19 (debility OR oligophren* OR oligiphren*):ti,ab 83
- #20 ((velocardiofacial OR vcf) NEAR/4 syndrome):ti,ab 9
- #21 (alex* OR dyslexi*):ti,ab 882
- #22 (word NEAR/4 blind*):ti,ab 3
- #23 ((read* OR literac*) NEAR/4 (difficult* OR disorder* OR disabl* OR disabilit* OR impair*)):ti,ab 879

#24 MeSH descriptor: [Intellectual Disability] explode all trees 1873
 #25 (mental* NEAR/4 (handicap* OR deficien* OR retard*)):ti,ab 1542
 #26 ((impair* OR deficit*) NEAR/4 (social* NEAR/4 function*)):ti,ab 415
 #27 ((impair OR deficit*) NEAR/4 (cognitiv* NEAR/4 function*)):ti,ab 359
 #28 ((impair OR deficit*) NEAR/4 (intellect* NEAR/4 function*)):ti,ab 8
 #29 amentia:ti,ab 1
 #30 (SPLD:ti,ab OR PMLD:ti,ab) 17
 #31 idioc*:ti,ab 2
 #32 MeSH descriptor: [Attention Deficit Disorder with Hyperactivity] explode all trees 3507
 #33 (attenti* NEAR/4 deficit* NEAR/4 disorder*):ti,ab 4987
 #34 (ADHD OR ADDH):ti,ab 5810
 #35 (hyperkinetic NEAR/4 syndrome):ti,ab 54
 #36 (minimal* NEAR/4 brain* NEAR/4 disorder*):ti,ab 4
 #37 {OR #5-#36} 21254
 #38 MeSH descriptor: [Sensitivity and Specificity] explode all trees 19955
 #39 (sensitiv* OR ("predictive" NEXT value*) OR accurac*):ti,ab 99557
 #40 specificity:ti,ab 13645
 #41 ((pre-test OR pretest) NEXT probability):ti,ab 204
 #42 "post-test probability":ti,ab 53
 #43 ("likelihood" NEXT ratio*):ti,ab 890
 #44 {OR #38-#43} 114555
 #45 #4 AND #37 AND #44 in Trials 145

Database: Ovid MEDLINE(R) ALL <1946 to November 17, 2023>

Search Strategy:

1 Cognitive Dysfunction/ (37417)
 2 (mild cogniti* adj3 (dysfunction* or disorder* or impair* or declin* or deteriorat* or decrement*)):ti,ab,kf. (26110)
 3 MCI.ti,ab. (23532)
 4 1 or 2 or 3 (59322)
 5 Down syndrome/ (26562)
 6 (down* adj4 (syndrome* or disease)).tw. (29126)
 7 (mongolism or mongoloid*).tw. (2132)
 8 (trisomy adj4 ("21" or g)).tw. (7419)
 9 (translocation adj4 ("152122" or "15 21 22" or "15-21-22")).tw. (0)
 10 exp learning disorder/ (23493)
 11 ((learn* or intellect* or intelligen* or understand*) adj4 (difficult* or disorder* or disabl* or disabilit* or disturbanc* or impair* or deficit* or problem* or dysfunction* or slow*)):tw. (109985)
 12 (develop* adj4 disorder* adj4 (academic* or scholastic)).tw. (36)
 13 (concentrat* adj4 (loss* or lose*)):tw. (3703)
 14 (special adj4 education* adj4 need*).tw. (1060)
 15 (alcalculi* or dyscalculi*).tw. (529)
 16 ((numerical* or numerac* or number* or math*) adj4 (difficult* or disorder* or disabl* or disabilit* or impair*)):tw. (18546)
 17 Gerstmann syndrome/ (216)
 18 ((gerstmann* or de-gerstmann* or de gerstmann* or degerstmann*) adj4 syndrome).tw. (622)
 19 (debility or oligophren* or oligiphren*).tw. (1871)
 20 ((velocardiofacial or vcf) adj4 syndrome).tw. (596)
 21 (alexia* or dyslexia*).tw. (12468)
 22 (word adj4 blind*).tw. (122)
 23 ((read* or literac*) adj4 (difficult* or disorder* or disabl* or disabilit* or impair*)):tw. (9104)
 24 intellectual impairment/ (0)
 25 (mental* adj4 (handicap* or deficien* or retard*)):tw. (39592)

26 ((impair* or deficit*) adj4 (social* adj4 function*)).tw. (2517)
 27 ((impair or deficit*) adj4 (cognitiv* adj4 function*)).tw. (2751)
 28 ((impair or deficit*) adj4 (intellect* adj4 function*)).tw. (125)
 29 amentia.tw. (77)
 30 (SPLD or PMLD).tw. (160)
 31 idioc*.tw. (632)
 32 Attention Deficit Disorder with Hyperactivity/ (35177)
 33 (attenti* adj4 deficit* adj4 disorder*).tw. (34615)
 34 (ADHD or ADDH).tw. (32009)
 35 (hyperkinetic adj4 syndrome).tw. (438)
 36 (minimal* adj4 brain* adj4 disorder*).tw. (25)
 37 or/5-36 (282143)
 38 4 and 37 (2677)
 39 Huntington chorea/ (13845)
 40 (huntington* or chorea).tw. (24891)
 41 neurosyphilis/ (3403)
 42 (neurosyphilis or neurosyphillis or neuroles).tw. (2559)
 43 (nervous adj4 (syphilis or syphillis)).tw. (158)
 44 (tabes adj4 dorsalis).tw. (393)
 45 (((frontotemporal or (fronto adj temporal) or (corticobasal or (cortico adj basal) or (frontal adj lobe)))) adj4 (degenerati* or dysfunction)) or ftld or ftlds or ftd or ftds).tw. (10783)
 46 ((general or juvenile) adj4 (paralys* or pareses or paresis)).tw. (812)
 47 ((syphilis or syphillis) adj4 CNS).tw. (31)
 48 ((syphilis or syphillis) adj4 (Central adj4 nervous adj4 System)).tw. (75)
 49 (CADASIL or (cerebral adj4 autosomal adj4 dominant adj4 arteriopath* adj4 subcortical* adj4 infarct* adj4 leukoencephalopath*)).tw. (1627)
 50 exp multiinfarct dementia/ (0)
 51 ((vascular or arteriosclerot* or multi-infarct* or multiinfarct* or multi infarct*) adj4 dementia*).tw. (9851)
 52 ((binswanger* or (subcortic* or "sub cortic*" or arterisclerotic)) adj4 (encephalopath* or leukoencephalopath*)).tw. (1675)
 53 (vascular adj4 cognitive adj4 impair* adj4 (disease* or disorder*)).tw. (408)
 54 vcid*.tw. (134)
 55 or/39-54 (53546)
 56 4 and 55 (1922)
 57 Parkinson disease/ (83422)
 58 (Parkinson* or paralysis agitan* or shaking pals* or hypokinetic rigid syndrome*).tw. (146073)
 59 (PD or HRS).ti. (29193)
 60 exp syphilis/ (29779)
 61 (chancre* or syphil*).tw. (32546)
 62 or/57-61 (223342)
 63 4 and 62 (3077)
 64 38 or 56 or 63 (7233)
 65 (sensitiv: or predictive value:).mp. or accurac:.tw. (2619809)
 66 64 and 65 (1089)
 67 animal/ not human/ (5137547)
 68 66 not 67 (1056)
 69 limit 68 to italian (0)
 70 limit 68 to english language (1037)

Database: Embase <1974 to 2023 November 17>

Search Strategy:

1 mild cognitive impairment/ (37765)
 2 (mild cogniti* adj3 (dysfunction* or disorder* or impair* or declin* or deteriorat* or decrement*)).ti,ab. (38201)
 3 MCI.ti,ab. (41922)
 4 1 or 2 or 3 (65013)
 5 *Down syndrome/ (21805)

6 (down* adj4 (syndrome* or disease)).tw. (37608)
 7 (mongolism or mongoloid*).tw. (1281)
 8 (trisomy adj4 ("21" or g)).tw. (10639)
 9 (translocation adj4 ("152122" or "15 21 22" or "15-21-22")).tw. (0)
 10 exp *learning disorder/ (15072)
 11 ((learn* or intellect* or intelligen* or understand*) adj4 (difficult* or disorder* or disabl* or disabilit* or disturbanc* or impair* or deficit* or problem* or dysfunction* or slow*)).tw. (146158)
 12 (develop* adj4 disorder* adj4 (academic* or scholastic)).tw. (62)
 13 (concentrat* adj4 (loss* or lose*)).tw. (4626)
 14 (special adj4 education* adj4 need*).tw. (1669)
 15 (alcalculi* or dyscalculi*).tw. (670)
 16 ((numerical* or numerac* or number* or math*) adj4 (difficult* or disorder* or disabl* or disabilit* or impair*)).tw. (25509)
 17 Gerstmann syndrome/ (457)
 18 ((gerstmann* or de-gerstmann* or de gerstmann* or degerstmann*) adj4 syndrome).tw. (734)
 19 (debility or oligophren* or oligiphren*).tw. (2049)
 20 ((velocardiofacial or vcf) adj4 syndrome).tw. (756)
 21 (alexia* or dyslexia*).tw. (17824)
 22 (word adj4 blind*).tw. (85)
 23 ((read* or literac*) adj4 (difficult* or disorder* or disabl* or disabilit* or impair*)).tw. (10905)
 24 *intellectual impairment/ (15615)
 25 (mental* adj4 (handicap* or deficien* or retard*)).tw. (48054)
 26 ((impair* or deficit*) adj4 (social* adj4 function*)).tw. (3727)
 27 ((impair or deficit*) adj4 (cognitiv* adj4 function*)).tw. (4102)
 28 ((impair or deficit*) adj4 (intellect* adj4 function*)).tw. (169)
 29 amentia.tw. (53)
 30 (SPLD or PMLD).tw. (210)
 31 idioc*.tw. (240)
 32 Attention Deficit Disorder with Hyperactivity/ (12292)
 33 (attenti* adj4 deficit* adj4 disorder*).tw. (44365)
 34 (ADHD or ADDH).tw. (46527)
 35 (hyperkinetic adj4 syndrome).tw. (554)
 36 (minimal* adj4 brain* adj4 disorder*).tw. (35)
 37 or/5-36 (356836)
 38 4 and 37 (1719)
 39 *Huntington chorea/ (17513)
 40 (huntington* or chorea).tw. (33174)
 41 *neurosyphilis/ (2274)
 42 (neurosyphilis or neurosyphillis or neuroles).tw. (2867)
 43 (nervous adj4 (syphilis or syphillis)).tw. (85)
 44 (tabes adj4 dorsalis).tw. (318)
 45 (((frontotemporal or (fronto adj temporal) or (corticobasal or (cortico adj basal) or (frontal adj lobe))) adj4 (degenerati* or dysfunction)) or ftld or ftlds or ftd or ftds).tw. (18057)
 46 ((general or juvenile) adj4 (paralys* or pareses or paresis)).tw. (625)
 47 ((syphilis or syphillis) adj4 CNS).tw. (49)
 48 ((syphilis or syphillis) adj4 (Central adj4 nervous adj4 System)).tw. (51)
 49 (CADASIL or (cerebral adj4 autosomal adj4 dominant adj4 arteriopath* adj4 subcortical* adj4 infarct* adj4 leukoencephalopath*)).tw. (2473)
 50 exp *multiinfarct dementia/ (5896)
 51 ((vascular or arteriosclerot* or multi-infarct* or multiinfarct* or multi infarct*) adj4 dementia*).tw. (14327)
 52 ((binswanger* or (subcortic* or "sub cortic*" or arterisclerotic)) adj4 (encephalopath* or leukoencephalopath*)).tw. (2281)
 53 (vascular adj4 cognitive adj4 impair* adj4 (disease* or disorder*)).tw. (593)
 54 vcid*.tw. (223)
 55 or/39-54 (73588)
 56 4 and 55 (2584)
 57 *Parkinson disease/ (122633)

58 (Parkinson* or paralysis agitan* or shaking pals* or hypokinetic rigid syndrome*).tw. (207552)
59 (PD or HRS).ti. (45902)
60 exp *syphilis/ (18381)
61 (chancre* or syphil*).tw. (29727)
62 or/57-61 (292813)
63 4 and 62 (4480)
64 38 or 56 or 63 (8083)
65 (sensitiv: or predictive value:).mp. or accurac:.tw. (3251537)
66 64 and 65 (1522)
67 animal/ not human/ (1203515)
68 66 not 67 (1522)
69 limit 68 to italian (0)
70 limit 68 to english language (1485)

Review questions 2b and 2d (specific tests)

Review question 2b

What are the most effective methods of primary assessment to decide whether a person with suspected cognitive deficit should be referred to a dementia service?

Review question 2d

What are the most effective methods of diagnosing Mild cognitive impairment (MCI) in specialist dementia diagnostic services?

Number of records per database

Database	Records
CENTRAL	540
MEDLINE	5224
Embase	6271
Total (Database)	12035
Total (Database) after removing duplicates	8526

CENTRAL (Cochrane Library issue 10, 2023)

- #1 MeSH descriptor: [Cognitive Dysfunction] explode all trees 3123
- #2 ((mild NEXT cogniti*) NEAR/3 (dysfunction* or disorder* or impair* or declin* or deteriorat* or decrement*)):ti,ab 4328
- #3 MCI:ti,ab 3589
- #4 #1 OR #2 OR #3 7339
- #5 MeSH descriptor: [] explode all trees 0
- #6 (sensitiv* OR ("predictive" NEXT value*) OR accurac*):ti,ab 99557
- #7 specificity:ti,ab 13645
- #8 ((pre-test OR pretest) NEXT probability):ti,ab 204
- #9 "post-test probability":ti,ab 53
- #10 ("likelihood" NEXT ratio*):ti,ab 890
- #11 {OR #5-#10} 103005
- #12 #4 AND #11 with Publication Year from 1999 to present, in Trials 540

Database: Ovid MEDLINE(R) ALL <1946 to November 17, 2023>

Search Strategy:

- 1 *Cognitive Dysfunction/ (32887)
- 2 (mild cogniti* adj3 (dysfunction* or disorder* or impair* or declin* or deteriorat* or decrement*)):ti,ab,kf. (26110)
- 3 MCI.ti,ab. (23532)
- 4 1 or 2 or 3 (56108)
- 5 (CAMDEX* or (cambridge* adj4 mental* adj4 disorder* adj4 elderly adj4 exam*)):tw. (225)
- 6 (cambridge* adj4 mental* adj4 disorder* adj4 elderly adj4 scale*):tw. (7)
- 7 (SKT or (short adj4 cognitive adj4 perform* adj4 test*)):tw. (339)
- 8 IQCODE.tw. (282)
- 9 (Informant adj4 Questionnaire adj4 Cognitive adj4 Decline adj4 Elderly).tw. (317)
- 10 (MOCA or (montreal adj4 cognitive adj4 assess*)):tw. (6819)
- 11 ((test adj4 your adj4 memor*) or TYM).tw. (605)
- 12 ((self-administer* adj4 geocognitive* adj4 exam*) or (self adj4 administer* adj4 cognitive adj4 exam*)):tw. (5)

13 SAGE.tw. (4782)
14 ((front* adj4 assess* adj4 batter*) or FAB).tw. (19337)
15 or/5-14 (32298)
16 exp Brain/ (1340103)
17 (brain* or encephlon*).tw. (1238218)
18 16 or 17 (1968292)
19 exp Biopsy/ (309357)
20 biops*.tw. (466426)
21 19 or 20 (625408)
22 18 and 21 (21681)
23 15 or 22 (53958)
24 (sensitiv: or predictive value:).mp. or accurac:.tw. (2619809)
25 4 and 23 and 24 (847)
26 (clock* adj4 draw* adj4 (test* or task*)).tw. (1314)
27 ("clock test*" or "clock task" or CDT).tw. (4634)
28 26 or 27 (5416)
29 4 and 28 (424)
30 (sensitiv: or predictive value:).mp. or accurac:.tw. (2619809)
31 29 and 30 (139)
32 (mini-cog or minicog or mini cog).tw. (300)
33 exp Electroencephalography/ (171932)
34 (EEG* or electroencephalogra* or stereoencephalogra*).tw. (123429)
35 (brain wave* or brainwave* or (wave adj4 oscillat*)).tw. (3058)
36 ((alpha or beta or delta or gamma or theta) adj4 rhythm*).tw. (6289)
37 electrocorticogra*.tw. (4150)
38 ((electric* or electro*) adj4 cortigra*).tw. (1)
39 (ecog* adj4 (intraoperative* or extraoperative*)).tw. (256)
40 (cortical adj4 (synchro* or desynchro*)).tw. (1561)
41 or/32-40 (212745)
42 (sensitiv: or predictive value:).mp. or accurac:.tw. (2619809)
43 4 and 41 and 42 (381)
44 Fluorodeoxyglucose F18/ (37144)
45 ((fluorodeoxyglucose or fludeoxyglucose) adj4 (F18 or f 18 or fluorine-18 or fluorine* or 18f or 18 f)).tw. (15892)
46 (FDG-18 or FDG 18 or FDG18 or 18-FDG or 18 FDG or 18FDG).tw. (4281)
47 or/44-46 (44185)
48 exp Positron-Emission Tomography/ (80487)
49 PET*.tw. (236085)
50 (positron* adj4 tomograph*).tw. (72908)
51 or/48-50 (271808)
52 4 and 47 and 51 (963)
53 (FDG-PET* or FDGPET* or FDG PET*).tw. (32884)
54 4 and 53 (886)
55 52 or 54 (1227)
56 (sensitiv: or predictive value:).mp. or accurac:.tw. (2619809)
57 55 and 56 (435)
58 exp Apolipoproteins E/ (23786)
59 (apoe* or apo e* or apo-e* or apolipoproteins e or apolipoprotein e or apoprotein*).tw. (44225)
60 58 or 59 (47294)
61 Amyloid beta-Peptides/ (40610)
62 Amyloid beta-Protein Precursor/ (13907)
63 (amyloid* adj4 (beta or ad ap or adap or ad-ap or protein*)).tw. (66350)
64 ((nexin 2 or nexin ii) adj4 protease*).tw. (78)
65 ((abeta or a beta) adj4 (peptide* or protein*)).tw. (19754)
66 or/61-65 (80596)
67 Cerebrospinal fluid/ (19501)
68 (Cerebrospinal* adj4 fluid*).tw. (101927)

69 CSF*.tw. (121229)
70 ((cerebral* or cerebro*) adj4 spin* adj4 fluid*).tw. (4445)
71 (brain* adj4 ventricl* adj4 fluid*).tw. (122)
72 ((cranial* or spine* or spinal*) adj4 fluid*).tw. (7429)
73 neurolymph.tw. (1)
74 (cerebrospinal* adj4 liquor*).tw. (108)
75 (cerebrospinal fluid or cf).fs. (53010)
76 or/67-75 (197203)
77 66 and 76 (6765)
78 Myocardial Perfusion Imaging/ (5867)
79 ((myocardi* or heart* or cardiac*) adj4 scintigraph*).tw. (5009)
80 ((myocardi* or heart* or cardiac*) adj4 (perfus* adj4 imag*)).tw. (6756)
81 3-Iodobenzylguanidine/ (3648)
82 (MIBG or iobenguane or 3 iodobenzylguanidine or 3-iodobenzylguanidine or m iodobenzylguanidine or m-iodobenzylguanidine or miodobenzylguanidine or meta iodobenzylguanidine or meta-iodobenzylguanidine or metaiodobenzylguanidine or meta iodobenzylguanidine).tw. (5081)
83 or/78-82 (18871)
84 60 or 77 or 83 (71758)
85 (sensitiv: or predictive value:).mp. or accurac:.tw. (2619809)
86 4 and 84 and 85 (1024)
87 14-3-3 Proteins/ (4494)
88 (14-3-3 or 14 3 3).tw. (5385)
89 tau Proteins/ (19190)
90 tau.tw. (55809)
91 (p-tau or ptau or p tau).tw. (3258)
92 or/87-91 (64712)
93 Cerebrospinal fluid/ (19501)
94 (Cerebrospinal* adj4 fluid*).tw. (101927)
95 CSF*.tw. (121229)
96 ((cerebral* or cerebro*) adj4 spin* adj4 fluid*).tw. (4445)
97 (brain* adj4 ventricl* adj4 fluid*).tw. (122)
98 ((cranial* or spine* or spinal*) adj4 fluid*).tw. (7429)
99 neurolymph.tw. (1)
100 (cerebrospinal* adj4 liquor*).tw. (108)
101 (cerebrospinal fluid or cf).fs. (53010)
102 or/93-101 (197203)
103 4 and 92 and 102 (1845)
104 (sensitiv: or predictive value:).mp. or accurac:.tw. (2619809)
105 103 and 104 (566)
106 exp Tomography, Emission-Computed, Single-Photon/ (34892)
107 (SPECT or SPET).tw. (33295)
108 (single adj4 photon adj4 emission adj4 compute* adj4 tomograph*).tw. (18910)
109 (single adj4 photon adj4 emission adj4 ct adj4 scan*).tw. (124)
110 (single adj4 photon adj4 emission adj4 cat adj4 scan*).tw. (1)
111 GPCOG*.tw. (39)
112 (general adj4 practitioner* adj4 assess* adj4 cognit*).tw. (43)
113 (GP* adj4 assess* adj4 cognit*).tw. (37)
114 or/106-113 (48309)
115 (sensitiv: or predictive value:).mp. or accurac:.tw. (2619809)
116 4 and 114 and 115 (331)
117 *tau Proteins/ (10085)
118 (tau or (p-tau or ptau or p tau)).ti. (13640)
119 (Addenbrooke* adj4 cognit* adj4 exam*).tw. (652)
120 ACE.ti. (7422)
121 ((mini* or revis*) adj4 ACE*).tw. (3476)
122 (Fototest* or phototest*).tw. (510)
123 exp *Magnetic Resonance Spectroscopy/ (43403)

124 (magnetic adj4 resonan*).ti. (98916)
125 (MR or NMR or MRI* or FMRI*).ti. (192563)
126 exp *Magnetic Resonance Imaging/ (202891)
127 (chemical adj4 shift adj4 imag*).tw. (1505)
128 (echo adj4 imag* adj4 spin*).tw. (5055)
129 (magnet* adj4 transfer* adj4 contrast* adj4 imag*).tw. (166)
130 zeugmatograph*.tw. (35)
131 exp *Positron-Emission Tomography/ (39418)
132 PET.ti. (55469)
133 ((PET and (scan* or imag*)) or "positron emission tomography").ti,ab. (108778)
134 (MMSE or (Mini adj4 mental adj4 state adj4 exam*)).tw. (23017)
135 (HIV adj4 dementia adj4 scale).tw. (159)
136 (HDS or IHDS or I-HDS or M-HDS or MHDS).tw. (2553)
137 ((neuronal or neural) adj4 (thread adj4 protein*)).tw. (58)
138 (NTP or AD7c-NTP or AD7cNTP or AD7c NTP).tw. (4292)
139 Nerve tissue proteins/ur [Urine] (54)
140 exp *Neuroimaging/ (72714)
141 (neuroimag* or (brain* adj4 imag*)).tw. (115935)
142 (diffus* adj4 tensor adj4 imag*).tw. (17150)
143 (functional adj4 brain adj4 imag*).tw. (4284)
144 (diffus* adj4 tractograph*).tw. (2974)
145 (brain adj4 map*).tw. (9473)
146 (functional adj4 cerebral adj4 local*).tw. (54)
147 connectom*.tw. (6133)
148 (map* adj4 neural adj4 network*).tw. (695)
149 neuroradiograph*.tw. (223)
150 (cerebral* adj4 (angiograph* or ventriculograph*)).tw. (8242)
151 (echoencephalograph* or neurosolog*).tw. (577)
152 (transcranial* adj4 doppler* adj4 (sonograph* or ultrasonograph* or ultrasound*)).tw. (4626)
153 (myelograph* or pneumoencephalograph*).tw. (7435)
154 exp *Tomography, X-Ray Computed/ (159800)
155 ((computed or computer assisted or computeriz* or computeris* or electron beam* or axial*) adj4 tomograph*).ti. (80971)
156 (cat scan* or ct scan* or cine ct or cine-ct or tomodensitomet*).tw. (120771)
157 *Four-Dimensional Computed Tomography/ (1150)
158 (4d ct or 4dct or 4-dimensional CT or four dimensional CT).tw. (2175)
159 exp *Tomography, Spiral Computed/ (10088)
160 ((helical or spiral) adj4 ct*).tw. (8762)
161 or/117-160 (924761)
162 (sensitiv: or predictive value:).mp. or accurac:.tw. (2619809)
163 4 and 161 and 162 (3889)
164 ((3-stage or 3stage or 3 stage) adj4 command*).tw. (2)
165 ((three-stage or threestage or three stage) adj4 command*).tw. (8)
166 (Abbreviated adj4 mental adj4 test*).tw. (371)
167 AMT*.tw. (4735)
168 (Arizona adj4 battery adj4 communication adj4 disorder* adj4 dementia*).tw. (11)
169 (Assess* adj4 motor adj4 process adj4 skill*).tw. (213)
170 AMPS.tw. (6359)
171 (block adj4 tapping).tw. (249)
172 (brixton adj4 test*).tw. (60)
173 (california adj4 verbal* adj4 learn* adj4 test*).tw. (1212)
174 CVLT.tw. (771)
175 (cambridge adj4 cognitive adj4 exam*).tw. (207)
176 CAMCOG.tw. (357)
177 (Chessington adj4 occupational adj4 therap* adj4 Neurologic* adj4 assess* adj4 battery).tw. (2)
178 COTNAB.tw. (1)
179 (Cognitive adj4 linguistic adj4 quick adj4 test*).tw. (9)

180 CLQT.tw. (10)
181 cognistat.tw. (91)
182 (door* adj4 people adj4 test*).tw. (25)
183 (galveston adj4 orientat* adj4 amnes* adj4 test*).tw. (55)
184 GOAT.tw. (23300)
185 (hayling adj4 test*).tw. (152)
186 (intersect* adj4 pentagon*).tw. (29)
187 (loewenstein adj4 occupational adj4 therap* adj4 cognitive adj4 assess*).tw. (64)
188 LOTCA*.tw. (73)
189 (Lothian adj4 aphasia adj4 stroke adj4 cognitive adj4 assess*).tw. (0)
190 LASKA.tw. (26)
191 (Mental adj4 status adj4 questionnaire).tw. (547)
192 (MSQ or SPMSQ).tw. (645)
193 (Measur* adj4 cognitive adj4 linguistic adj4 abilit*).tw. (14)
194 MCLA.tw. (170)
195 ((OT adj4 cognitive adj4 screen* adj4 tool*) or (occupational adj4 therap* adj4 cognitive adj4 screen* adj4 tool*)).tw. (1)
196 (perceiv* adj4 recall* adj4 plan* adj4 perform*).tw. (24)
197 PRPP.tw. (756)
198 ((picture or communication) adj4 card*).tw. (1331)
199 (repeat adj4 battery adj4 assess* adj4 neuropsychological adj4 status).tw. (1)
200 RBANS.tw. (742)
201 (rivermead adj4 behavio* adj4 memor* adj4 test*).tw. (215)
202 RBMT.tw. (139)
203 (Rivermead adj4 percept* adj4 assess* adj4 battery).tw. (8)
204 RPAB.tw. (45)
205 (Screening adj4 Instrument* adj4 neuropsychological adj4 Impairment* adj4 Stroke).tw. (2)
206 (Short adj4 orientat* adj4 memor* adj4 concentrat* adj4 test*).tw. (48)
207 SOMC.tw. (66)
208 ((short adj4 blessed adj4 test*) or (blessed adj4 orientation adj4 memor* adj4 concentrat*)).tw. (90)
209 ((verbal adj4 fluency adj4 test*) or (fluency adj4 task*)).tw. (4038)
210 (word adj4 generat* adj4 (test* or task*)).tw. (329)
211 (wessex adj4 injur* adj4 matrix).tw. (21)
212 WHIM.tw. (357)
213 ((6-item or 6item or 6 item) adj4 (cognitive adj4 impairment*)).tw. (24)
214 6CIT.tw. (27)
215 (RUDAS or (rowlan* adj4 dementia* adj4 assess* adj4 scale*)).tw. (90)
216 or/164-215 (46284)
217 (sensitiv: or predictive value:).mp. or accurac:.tw. (2619809)
218 4 and 216 and 217 (278)
219 NINCDS*.tw. (817)
220 (Institute of Neurological and Communicative Disorders and Stroke and the Alzheimer's Disease and Related Disorders Association).tw. (206)
221 (National Institute of Neurological Disorders and Stroke).tw. (917)
222 Association Internationale pour la Recherche et l'Enseignement en Neurosciences.tw. (3)
223 (Alzheimer's Disease and related Disorders Association).tw. (303)
224 (ICD 10 or ICD-10 or ICD10).tw. (16526)
225 International Classification of Diseases.tw. (16709)
226 (DSM V or DSMV or DSM-V or DSM 5 or DSM5 or DSM five or DSM-5).tw. (10545)
227 (DSM-IV or DSM IV or DSMIV or DSM 4 or DSM4 or DSM-4 or DSM four).tw. (27151)
228 (DSM-IV-TR or DSMIVTR or DMS IV TR or DSM-4-TR or DSM4TR or DMS 4 TR).tw. (3188)
229 (DSM-IIR or DSMIIR or DSM IIR or DSM-2R or DSM2R or DSM 2R).tw. (4)
230 (Diagnostic and statistical Manual of Mental Disorders).tw. (10491)
231 (consensus adj4 criteria*).tw. (5498)
232 (Lund-Manchester or LundManchester or Lund Manchester).tw. (20)
233 NINDS.tw. (978)
234 (reference adj4 standard*).tw. (35804)

235 (diagnos* adj4 criteria*).tw. (82289)
236 or/219-235 (186049)
237 4 and 236 (1640)
238 Autopsy/ (45444)
239 (autops* or post-mortem* or postmortem* or post mortem*).tw. (140655)
240 pathology.fs. (3264224)
241 neuropathology.tw. (15403)
242 or/238-241 (3359540)
243 237 and 242 (213)
244 25 or 31 or 43 or 57 or 86 or 105 or 116 or 163 or 218 or 243 (5585)
245 Animals/ not Humans/ (5137547)
246 244 not 245 (5537)
247 limit 246 to english language (5383)
248 limit 246 to italian (3)
249 247 or 248 (5386)
250 limit 249 to yr="1999 -Current" (5224)

Database: Embase <1974 to 2023 November 17>

Search Strategy:

1 mild cognitive impairment/ (37765)
2 (mild cogniti* adj3 (dysfunction* or disorder* or impair* or declin* or deteriorat* or decrement*)).ti,ab. (38201)
3 MCI.ti,ab. (41922)
4 1 or 2 or 3 (65013)
5 (CAMDEX* or (cambridge* adj4 mental* adj4 disorder* adj4 elderly adj4 exam*)).tw. (289)
6 (cambridge* adj4 mental* adj4 disorder* adj4 elderly adj4 scale*).tw. (12)
7 (SKT or (short adj4 cognitive adj4 perform* adj4 test*)).tw. (492)
8 IQCODE.tw. (492)
9 (Informant adj4 Questionnaire adj4 Cognitive adj4 Decline adj4 Elderly).tw. (471)
10 MOCA.ti. or (montreal adj4 cognitive adj4 assess*).tw. (10273)
11 ((test adj4 your adj4 memor*) or TYM).tw. (261)
12 ((self-administer* adj4 geocognitive* adj4 exam*) or (self adj4 administer* adj4 cognitive adj4 exam*)).tw. (8)
13 SAGE.tw. (22010)
14 ((front* adj4 assess* adj4 batter*) or FAB).tw. (25085)
15 or/5-14 (58673)
16 exp brain/ (1598447)
17 (brain* or encephlon*).tw. (1629843)
18 16 or 17 (2402766)
19 exp biopsy/ (925618)
20 biops*.tw. (764721)
21 19 or 20 (1151891)
22 18 and 21 (44645)
23 15 or 22 (103238)
24 (sensitiv: or predictive value:).mp. or accurac:.tw. (3251537)
25 4 and 23 and 24 (949)
26 (clock* adj4 draw* adj4 (test* or task*)).tw. (2221)
27 ("clock test*" or "clock task" or CDT).tw. (6648)
28 26 or 27 (7989)
29 4 and 28 (514)
30 (sensitiv: or predictive value:).mp. or accurac:.tw. (3251537)
31 29 and 30 (172)
32 (mini-cog or minicog or mini cog).tw. (670)
33 exp electroencephalography/ (141875)
34 (EEG* or electroencephalogra* or stereoencephalogra*).tw. (168780)
35 (brain wave* or brainwave* or (wave adj4 oscillat*)).tw. (3429)
36 ((alpha or beta or delta or gamma or theta) adj4 rhythm*).tw. (8227)

37 electrocorticogra*.tw. (5345)
 38 ((electric* or electro*) adj4 cortigra*).tw. (0)
 39 (ecog* adj4 (intraoperative* or extraoperative*)).tw. (434)
 40 (cortical adj4 (synchro* or desynchro*)).tw. (2003)
 41 or/32-40 (243675)
 42 (sensitiv: or predictive value:).mp. or accurac:.tw. (3251537)
 43 4 and 41 and 42 (488)
 44 fluorodeoxyglucose f 18/ (78095)
 45 ((fluorodeoxyglucose or fludeoxyglucose) adj4 (F18 or f 18 or fluorine-18 or fluorine* or 18f or 18 f)).tw. (20468)
 46 (FDG-18 or FDG 18 or FDG18 or 18-FDG or 18 FDG or 18FDG).tw. (8886)
 47 or/44-46 (85062)
 48 exp positron emission tomography/ (234539)
 49 PET*.tw. (356818)
 50 (positron* adj4 tomograph*).tw. (96218)
 51 or/48-50 (462466)
 52 4 and 47 and 51 (2061)
 53 (FDG-PET* or FDGPET* or FDG PET*).tw. (60262)
 54 4 and 53 (2194)
 55 52 or 54 (3045)
 56 (sensitiv: or predictive value:).mp. or accurac:.tw. (3251537)
 57 55 and 56 (931)
 58 exp *apolipoprotein E/ (16027)
 59 (apoe* or apo e* or apo-e* or apolipoproteins e or apolipoprotein e or apoprotein*).tw. (59536)
 60 58 or 59 (60208)
 61 *amyloid beta protein/ (21711)
 62 *amyloid precursor protein/ (6757)
 63 (amyloid* adj4 (beta or ad ap or adap or ad-ap or protein*)).tw. (83295)
 64 ((nexin 2 or nexin ii) adj4 protease*).tw. (94)
 65 ((abeta or a beta) adj4 (peptide* or protein*)).tw. (22495)
 66 or/61-65 (90951)
 67 *cerebrospinal fluid/ (28034)
 68 (Cerebrospinal* adj4 fluid*).tw. (125689)
 69 CSF*.ti. (27270)
 70 ((cerebral* or cerebro*) adj4 spin* adj4 fluid*).tw. (6489)
 71 (brain* adj4 ventricl* adj4 fluid*).tw. (152)
 72 ((cranial* or spine* or spinal*) adj4 fluid*).tw. (10030)
 73 neurolymph.tw. (1)
 74 (cerebrospinal* adj4 liquor*).tw. (133)
 75 cerebrospinal fluid/ (127390)
 76 or/67-75 (211602)
 77 66 and 76 (7443)
 78 *myocardial perfusion imaging/ (5200)
 79 ((myocardi* or heart* or cardiac*) adj4 scintigraph*).tw. (7593)
 80 ((myocardi* or heart* or cardiac*) adj4 (perfus* adj4 imag*)).tw. (11414)
 81 "(3 iodobenzyl)guanidine"/ (3871)
 82 (MIBG or iobenguane or 3 iodobenzylguanidine or 3-iodobenzylguanidine or m iodobenzylguanidine or m-iodobenzylguanidine or miodobenzylguanidine or meta iodobenzylguanidine or meta-iodobenzylguanidine or metaiodobenzylguanidine or meta iodobenzylguanidine).tw. (8437)
 83 or/78-82 (27423)
 84 60 or 77 or 83 (93981)
 85 (sensitiv: or predictive value:).mp. or accurac:.tw. (3251537)
 86 4 and 84 and 85 (1374)
 87 protein 14 3 3/ (6512)
 88 (14-3-3 or 14 3 3).tw. (6993)
 89 tau protein/ (39231)
 90 tau.tw. (72545)

91 (p-tau or ptau or p tau).tw. (5369)
92 or/87-91 (90534)
93 cerebrospinal fluid/ (127390)
94 (Cerebrospinal* adj4 fluid*).tw. (125689)
95 CSF*.ti. (27270)
96 ((cerebral* or cerebro*) adj4 spin* adj4 fluid*).tw. (6489)
97 (brain* adj4 ventricl* adj4 fluid*).tw. (152)
98 ((cranial* or spine* or spinal*) adj4 fluid*).tw. (10030)
99 neurolymph.tw. (1)
100 (cerebrospinal* adj4 liquor*).tw. (133)
101 (cerebrospinal fluid or cf).fs,fx. (0)
102 or/93-101 (211602)
103 4 and 92 and 102 (2878)
104 (sensitiv: or predictive value:).mp. or accurac:.tw. (3251537)
105 103 and 104 (944)
106 exp *single photon emission computed tomography/ (8056)
107 (SPECT or SPET).tw. (56085)
108 (single adj4 photon adj4 emission adj4 compute* adj4 tomograph*).tw. (22934)
109 (single adj4 photon adj4 emission adj4 ct adj4 scan*).tw. (147)
110 (single adj4 photon adj4 emission adj4 cat adj4 scan*).tw. (1)
111 GPCOG*.tw. (77)
112 (general adj4 practitioner* adj4 assess* adj4 cognit*).tw. (66)
113 (GP* adj4 assess* adj4 cognit*).tw. (63)
114 or/106-113 (62703)
115 (sensitiv: or predictive value:).mp. or accurac:.tw. (3251537)
116 4 and 114 and 115 (555)
117 *tau protein/ (12435)
118 (tau or (p-tau or ptau or p tau)).ti. (17962)
119 (Addenbrooke* adj4 cognit* adj4 exam*).tw. (1119)
120 ACE*.ti. (220999)
121 ((mini* or revis*) adj4 ACE*).tw. (4149)
122 (Fototest* or phototest*).tw. (723)
123 exp *nuclear magnetic resonance spectroscopy/ (26842)
124 (magnetic adj4 resonan*).ti. (120298)
125 (MR or NMR or MRI* or FMRI*).ti. (250312)
126 exp *nuclear magnetic resonance imaging/ (305946)
127 (chemical adj4 shift adj4 imag*).tw. (1807)
128 (echo adj4 imag* adj4 spin*).tw. (5915)
129 (magnet* adj4 transfer* adj4 contrast* adj4 imag*).tw. (189)
130 zeugmatograph*.tw. (39)
131 exp *positron emission tomography/ (71957)
132 PET*.ti. (124231)
133 (positron* adj4 emission* adj4 tomograph*).ti. (22014)
134 (MMSE or (Mini adj4 mental adj4 state adj4 exam*)).ti. (1442)
135 (HIV adj4 dementia adj4 scale).tw. (211)
136 (HDS or IHDS or I-HDS or M-HDS or MHDS).tw. (4137)
137 ((neuronal or neural) adj4 (thread adj4 protein*)).tw. (70)
138 (NTP or AD7c-NTP or AD7cNTP or AD7c NTP).tw. (4477)
139 exp *neuroimaging/ (32593)
140 *protein urine level/ (2360)
141 (neuroimag* or (brain* adj4 imag*)).ti. (30552)
142 (diffus* adj4 tensor adj4 imag*).ti. (7214)
143 (functional adj4 brain adj4 imag*).ti. (981)
144 (diffus* adj4 tractograph*).tw. (3942)
145 (brain adj4 map*).tw. (12674)
146 (functional adj4 cerebral adj4 local*).tw. (61)
147 connectom*.tw. (8165)

148 (map* adj4 neural adj4 network*).tw. (763)
 149 neuroradiograph*.tw. (278)
 150 (cerebral* adj4 (angiograph* or ventriculograph*)).ti. (1846)
 151 (echoencephalograph* or neurosolog*).tw. (367)
 152 (transcranial* adj4 doppler* adj4 (sonograph* or ultrasonograph* or ultrasound*)).ti. (1631)
 153 (myelograph* or pneumoencephalograph*).tw. (7507)
 154 exp *x-ray computed tomography/ (12544)
 155 ((computed or computer assisted or computeriz* or computeris* or electron beam* or axial*) adj4 tomograph*).ti. (96418)
 156 (cat scan* or ct scan* or cine ct or cine-ct or tomodensitomet*).ti. (12785)
 157 *four dimensional computed tomography/ (1866)
 158 (4d ct or 4dct or 4-dimensional CT or four dimensional CT).ti. (1240)
 159 exp *spiral computer assisted tomography/ (4327)
 160 ((helical or spiral) adj4 ct*).ti. (4133)
 161 or/117-160 (1006317)
 162 (sensitiv: or predictive value:).mp. or accurac:.tw. (3251537)
 163 4 and 161 and 162 (3157)
 164 ((3-stage or 3stage or 3 stage) adj4 command*).tw. (2)
 165 ((three-stage or threestage or three stage) adj4 command*).tw. (13)
 166 (Abbreviated adj4 mental adj4 test*).tw. (620)
 167 AMT*.tw. (6981)
 168 (Arizona adj4 battery adj4 communication adj4 disorder* adj4 dementia*).tw. (16)
 169 (Assess* adj4 motor adj4 process adj4 skill*).tw. (299)
 170 AMPS.tw. (7593)
 171 (block adj4 tapping).tw. (324)
 172 (brixton adj4 test*).tw. (97)
 173 (california adj4 verbal* adj4 learn* adj4 test*).tw. (1905)
 174 CVLT.tw. (1511)
 175 (cambridge adj4 cognitive adj4 exam*).tw. (258)
 176 CAMCOG.tw. (485)
 177 (Chessington adj4 occupational adj4 therap* adj4 Neurologic* adj4 assess* adj4 battery).tw. (5)
 178 COTNAB.tw. (4)
 179 (Cognitive adj4 linguistic adj4 quick adj4 test*).tw. (24)
 180 CLQT.tw. (17)
 181 cognistat.tw. (153)
 182 (door* adj4 people adj4 test*).tw. (36)
 183 (galveston adj4 orientat* adj4 amnes* adj4 test*).tw. (89)
 184 GOAT.tw. (26510)
 185 (hayling adj4 test*).tw. (220)
 186 (intersect* adj4 pentagon*).tw. (47)
 187 (loewenstein adj4 occupational adj4 therap* adj4 cognitive adj assess*).tw. (87)
 188 LOTCA*.tw. (118)
 189 (Lothian adj4 aphasia adj4 stroke adj4 cognitive adj4 assess*).tw. (0)
 190 LASKA.tw. (36)
 191 (Mental adj4 status adj4 questionnaire).tw. (718)
 192 (MSQ or SPMSQ).tw. (1237)
 193 (Measur* adj4 cognitive adj4 linguistic adj4 abilit*).tw. (15)
 194 MCLA.tw. (311)
 195 ((OT adj4 cognitive adj4 screen* adj4 tool*) or (occupational adj4 therap* adj4 cognitive adj4 screen* adj4 tool*)).tw. (1)
 196 (perceiv* adj4 recall* adj4 plan* adj4 perform*).tw. (36)
 197 PRPP.tw. (840)
 198 ((picture or communication) adj4 card*).tw. (1899)
 199 (repeat adj4 battery adj4 assess* adj4 neuropsychological adj4 status).tw. (1)
 200 RBANS.tw. (1279)
 201 (rivermead adj4 behavio* adj4 memor* adj4 test*).tw. (313)
 202 RBMT.tw. (232)

203 (Rivermead adj4 percept* adj4 assess* adj4 battery).tw. (10)
204 RPAB.tw. (55)
205 (Screening adj4 Instrument* adj4 neuropsychological adj4 Impairment* adj4 Stroke).tw. (2)
206 (Short adj4 orientat* adj4 memor* adj4 concentrat* adj4 test*).tw. (71)
207 SOMC.tw. (62)
208 ((short adj4 blessed adj4 test*) or (blessed adj4 orientation adj4 memor* adj4 concentrat*)).tw. (169)
209 ((verbal adj4 fluency adj4 test*) or (fluency adj4 task*)).tw. (6091)
210 (word adj4 generat* adj4 (test* or task*)).tw. (481)
211 (wessex adj4 injur* adj4 matrix).tw. (45)
212 WHIM.tw. (614)
213 ((6-item or 6item or 6 item) adj4 (cognitive adj4 impairment*)).tw. (42)
214 6CIT.tw. (57)
215 (RUDAS or (rowlan* adj4 dementia* adj4 assess* adj4 scale*)).tw. (149)
216 or/164-215 (59185)
217 (sensitiv: or predictive value:).mp. or accurac:..tw. (3251537)
218 4 and 216 and 217 (371)
219 NINCDS*.tw. (1550)
220 (Institute of Neurological and Communicative Disorders and Stroke and the Alzheimer's Disease and Related Disorders Association).tw. (269)
221 (National Institute of Neurological Disorders and Stroke).tw. (1246)
222 Association International pour la Recherche et l'Enseignement en Neurosciences.tw. (3)
223 (Alzheimer's Disease and related Disorders Association).tw. (379)
224 (ICD 10 or ICD-10 or ICD10).tw. (37596)
225 International Classification of Diseases.tw. (22736)
226 (DSM V or DSMV or DSM-V or DSM 5 or DSM5 or DSM five or DSM-5).tw. (16736)
227 (DSM-IV or DSM IV or DSMIV or DSM 4 or DSM4 or DSM-4 or DSM four).tw. (41465)
228 (DSM-IV-TR or DSMIVTR or DMS IV TR or DSM-4-TR or DSM4TR or DMS 4 TR).tw. (5909)
229 (DSM-IIR or DSMIIR or DSM IIR or DSM-2R or DSM2R or DSM 2R).tw. (5)
230 (Diagnostic and statistical Manual of Mental Disorders).tw. (12391)
231 (consensus adj4 criteria*).tw. (9889)
232 (Lund-Manchester or LundManchester or Lund Manchester).tw. (31)
233 NINDS.tw. (2408)
234 (reference adj4 standard*).tw. (48596)
235 (diagnos* adj4 criteria*).tw. (134890)
236 or/219-235 (297452)
237 4 and 236 (2558)
238 autopsy/ (166539)
239 (autops* or post-mortem* or postmortem* or post mortem*).tw. (180391)
240 pathology/ (780631)
241 neuropathology.tw. (22106)
242 or/238-241 (1034197)
243 237 and 242 (203)
244 25 or 31 or 43 or 57 or 86 or 105 or 116 or 163 or 218 or 243 (6581)
245 Animal/ not Human/ (1203515)
246 244 not 245 (6579)
247 limit 246 to english language (6435)
248 limit 246 to italian (3)
249 247 or 248 (6437)
250 limit 249 to yr="1999 -Current" (6271)

Review question 3b

What drugs that may worsen cognitive decline are commonly prescribed in people diagnosed with dementia?

Number of records per database

Database	Records
Cochrane Database of Systematic Reviews	14
CENTRAL	196
MEDLINE	1062
Embase	920
Total (Database)	2192
Total (Database) after removing duplicates	1711

Cochrane Library issue 10, 2023

#1	MeSH descriptor: [Dementia] explode all trees	9336
#2	(dementi* OR pseudodementia):ti,ab	15623
#3	(alzheimer* OR alzeimer* OR (cortical NEAR/4 sclerosis)):ti,ab	12922
#4	((encephalopath* OR cogniti* OR neurocogniti*) NEAR/4 (aids OR hiv)):ti,ab	468
#5	((aphasi* NEAR/4 (primary OR progress*)) OR mesulam* OR ppa OR (ftd NEAR/4 temporal)):ti,ab	663
#6	((creutzfeldt OR jakob*) NEAR/4 (disease OR syndrome)) OR cjd OR (spongiform NEAR/4 encephalopath*) OR "corticostriatal degeneration" OR (pseudosclerosis NEAR/4 spastic):ti,ab	64
#7	(binswanger* OR ((subcortic* OR arteriosclerotic) NEAR/4 (encephalopath* OR leukoencephalopath*)) OR cadasil*):ti,ab	45
#8	((sub NEXT cortic*) NEAR/4 (encephalopath* OR leukoencephalopath*)):ti,ab	0
#9	((kosaka NEAR/2 shibayama) OR (neurofibrillary NEXT tangle*) OR dntc):ti,ab	81
#10	((frontotemporal OR (fronto NEXT temporal) OR (corticobasal OR (cortico NEXT basal) OR (frontal NEXT lobe))) NEAR/4 (degenerati* OR dysfunction)) OR ftld OR ftlds OR ftd OR ftds):ti,ab	364
#11	(pick* NEAR/1 (complex OR disease* OR syndrome)):ti,ab	50
#12	((wilhemsen NEAR/1 lynch) OR ddpac OR (lob* NEAR/4 atroph*)):ti,ab	72
#13	(huntington* OR ((progressive OR major OR juvenile OR hereditary) NEAR/4 chorea)):ti,ab	757
#14	((kluver OR kluever) NEAR/4 bucy) OR (("temporal lobectomy" NEAR/4 behavi*) OR ("temporal lobe" NEAR/4 dysfunction)):ti,ab	14
#15	((lewy NEXT bod*) OR dlb OR lbd OR dlbd):ti,ab	537
#16	((senile NEXT confusion) OR (senile NEXT psychosis) OR senilit*):ti,ab	55
#17	MeSH descriptor: [Tauopathies] this term only	14
#18	tauopath*:ti,ab	54
#19	cerad:ti,ab	148
#20	Posterior NEXT cortic* NEXT atroph*	16
#21	sivd:ti,ab	16
#22	{OR #1-#21}	26099
#23	MeSH descriptor: [Cholinergic Antagonists] explode all trees and with qualifier(s): [adverse effects - AE, therapeutic use - TU, toxicity - TO]	1048
#24	MeSH descriptor: [Prescription Drugs] explode all trees and with qualifier(s): [adverse effects - AE]	37
#25	MeSH descriptor: [Cognition] explode all trees and with qualifier(s): [drug effects - DE]	3861
#26	MeSH descriptor: [Cognition Disorders] explode all trees and with qualifier(s): [chemically induced - CI]	351
#27	MeSH descriptor: [Adverse Drug Reaction Reporting Systems] explode all trees	158
#28	MeSH descriptor: [Drug Utilization Review] explode all trees	257

- #29 ((anticholinergic* OR anti-cholinergic* OR antimuscarinic* OR antinicotinic*) NEAR/4 (burden OR exposure OR scale* OR risk* OR activity OR adverse OR assess* OR tool* OR measur* OR surveillance OR medication*)):ti,ab 781
- #30 ((STOPP NEXT start) OR "screening tool for older people's potentially inappropriate prescriptions" OR "screening tool to alert doctors to right/appropriate treatments"):ti,ab 73
- #31 ("drug burden index":ti,ab OR "anticholinergic burden index":ti,ab OR "anticholinergic drug scale":ti,ab OR "anticholinergic risk scale":ti,ab OR "anticholinergic burden scale":ti,ab OR "medication appropriateness index":ti,ab OR "medication safety thermometer":ti,ab) 141
- #32 ((beer* NEXT "criteria"):ti,ab OR (beer* NEXT "list"):ti,ab) 75
- #33 {OR #23-#32} 6432
- #34 #22 AND #33 with Cochrane Library publication date from Jan 2016 to present, in Cochrane Reviews 14
- #35 #22 AND #33 with Publication Year from 2016 to present, in Trials 196

Database: Ovid MEDLINE(R) ALL

Date: November 17, 2023

- 1 exp Dementia/ (208883)
- 2 (dementi* or pseudodementia).tw. (141652)
- 3 (alzheimer* or alzeimer* or (cortical adj4 sclerosis)).tw. (187819)
- 4 ((encephalopath* or cogniti* or neurocogniti*) adj4 (aids or hiv)).tw. (4555)
- 5 ((aphasi* adj4 (primary or progress*)) or mesulam* or ppa or (ftd adj4 temporal)).tw. (6946)
- 6 (((creutzfeldt or ja?ob*) adj4 (disease or syndrome)) or cjd or (spongiform adj4 encephalopath*) or "corticostriatal degeneration" or (pseudosclerosis adj4 spastic)).tw. (11594)
- 7 (binswanger* or ((subcortic* or "sub cortic*" or arteriosclerotic) adj4 (encephalopath* or leukoencephalopath*)) or cadasil*).tw. (2610)
- 8 ((kosaka adj2 shibayama) or (neurofibrillary adj1 tangle*) or dntc).tw. (10038)
- 9 (((frontotemporal or (fronto adj temporal) or (corticobasal or (cortico adj basal) or (frontal adj lobe))) adj4 (degenerati* or dysfunction)) or ftld or ftlds or ftd or ftlds).tw. (10783)
- 10 ((pick* adj1 (complex or disease* or syndrome)) or (wilhemsens adj1 lynch) or ddpac or (lob* adj4 atroph*)).tw. (5920)
- 11 (huntington* or ((progressive or major or juvenile or hereditary) adj4 chorea)).tw. (21144)
- 12 (((kluver or kluever) adj4 bu?y) or (("temporal lobectomy" adj4 behavi*) or ("temporal lobe" adj4 dysfunction))).tw. (622)
- 13 ("lewy bod*" or dlb or lbd or dlbd).tw. (14609)
- 14 ("senile confusion" or "senile psychosis" or senilit*).tw. (871)
- 15 Tauopathies/ (2659)
- 16 tauopath*.tw. (5239)
- 17 cerad.tw. (935)
- 18 (Posterior adj cortic* adj atroph*).tw. (552)
- 19 sivd.tw. (179)
- 20 or/1-19 (354183)
- 21 exp Cholinergic Antagonists/ae or exp Cholinergic Antagonists/tu or exp Cholinergic Antagonists/to (21210)
- 22 Prescription Drugs/ae (1194)
- 23 Cognition/de (13577)
- 24 Cognition disorders/ci (3724)
- 25 exp Adverse Drug Reaction Reporting Systems/ (8926)
- 26 Drug Utilization Review/ (3880)
- 27 ((anticholinergic* or anti-cholinergic* or antimuscarinic* or antinicotinic*) adj4 (burden or exposure or scale* or risk* or activity or adverse or assess* or tool* or measur* or surveillance or medication*)).tw. (3531)
- 28 ((STOPP adj start) or "screening tool for older people's potentially inappropriate prescriptions" or "screening tool to alert doctors to right/appropriate treatments").tw. (292)
- 29 (drug burden index or anticholinergic burden index or anticholinergic drug scale or anticholinergic risk scale or anticholinergic burden scale or medication appropriateness index or medication safety thermometer).tw. (510)
- 30 (beer* criteria or beer* list).tw. (936)
- 31 or/21-30 (54873)

- 32 20 and 31 (4426)
- 33 animals/ not humans/ (5137547)
- 34 32 not 33 (3332)
- 35 limit 34 to english language (3138)
- 36 limit 34 to italian (5)
- 37 35 or 36 (3143)
- 38 limit 37 to yr="2016 -Current" (1062)

Database: Embase Date: 2023 November 17

- 1 exp *Dementia/ (266825)
- 2 (dementi* or pseudodementia).tw. (203320)
- 3 (alzheimer* or alzeimer* or (cortical adj4 sclerosis)).tw. (252664)
- 4 ((encephalopath* or cogniti* or neurocogniti*) adj4 (aids or hiv)).tw. (6675)
- 5 ((aphasi* adj4 (primary or progress*)) or mesulam* or ppa or (ftd adj4 temporal)).tw. (10086)
- 6 (((creutzfeldt or ja?ob*) adj4 (disease or syndrome)) or cjd or (spongiform adj4 encephalopath*) or "corticostriatospinal degeneration" or (pseudosclerosis adj4 spastic)).tw. (14501)
- 7 (binswanger* or ((subcortic* or "sub cortic*" or arterisclerotic) adj4 (encephalopath* or leukoencephalopath*)) or cadasil*).tw. (3776)
- 8 ((kosaka adj2 shibayama) or (neurofibrillary adj1 tangle*) or dntc).tw. (13386)
- 9 (((frontotemporal or (fronto adj temporal) or (corticobasal or (cortico adj basal) or (frontal adj lobe))) adj4 (degenerati* or dysfunction)) or ftld or ftlds or ftd or ftds).tw. (18057)
- 10 ((pick* adj1 (complex or disease* or syndrome)) or (wilhemsen adj1 lynch) or ddpac or (lob* adj4 atroph*)).tw. (7877)
- 11 (huntington* or ((progressive or major or juvenile or hereditary) adj4 chorea)).tw. (28535)
- 12 (((kluver or kluever) adj4 bu?y) or (("temporal lobectomy" adj4 behavi*) or ("temporal lobe" adj4 dysfunction))).tw. (805)
- 13 ("lewy bod*" or dlb or lbd or dlbd).tw. (21688)
- 14 ("senile confusion" or "senile psychosis" or senilit*).tw. (947)
- 15 *tauopathy/ (3090)
- 16 tauopath*.tw. (8125)
- 17 cerad.tw. (1762)
- 18 (Posterior adj cortic* adj atroph*).tw. (971)
- 19 sivd.tw. (245)
- 20 or/1-19 (480239)
- 21 exp Cholinergic Antagonists/ae or exp Cholinergic Antagonists/tu or exp Cholinergic Antagonists/to (33492)
- 22 Prescription Drugs/ae (482)
- 23 exp pharmacovigilance/ (5779)
- 24 "drug utilization review"/ (1898)
- 25 ((anticholinergic* or anti-cholinergic* or antimuscarinic* or antinicotinic*) adj4 (burden or exposure or scale* or risk* or activity or adverse or assess* or tool* or measur* or surveillance or medication*)).tw. (5545)
- 26 ((STOPP adj start) or "screening tool for older people's potentially inappropriate prescriptions" or "screening tool to alert doctors to right/appropriate treatments").tw. (607)
- 27 (drug burden index or anticholinergic burden index or anticholinergic drug scale or anticholinergic risk scale or anticholinergic burden scale or medication appropriateness index or medication safety thermometer).tw. (865)
- 28 (beer* criteria or beer* list).tw. (1767)
- 29 21 or 22 or 23 or 24 or 25 or 26 or 27 or 28 (48319)
- 30 20 and 29 (2339)
- 31 animal/ not human/ (1203515)
- 32 30 not 31 (2315)
- 33 limit 32 to yr="2017 -Current" (920)

Review question 4

What are the most effective methods of differentiating dementia or dementia with delirium from delirium alone?

Number of records per database

Database	Records
Cochrane Database od Systematic Reviews	3
CENTRAL	140
MEDLINE	804
Embase	1563
Total (Database)	2510
Total (Database) after removing duplicates	1746

Cochrane Library Issue 10, 2023

#1 MeSH descriptor: [Dementia] explode all trees 9336

#2 (dementi* OR pseudodementia):ti,ab 15623

#3 (alzheimer* OR alzeimer* OR (cortical NEAR/4 sclerosis)):ti,ab 12922

#4 ((encephalopath* OR cogniti* OR neurocogniti*) NEAR/4 (aids OR hiv)):ti,ab 468

#5 ((aphasi* NEAR/4 (primary OR progress*)) OR mesulam* OR ppa OR (ftd NEAR/4 temporal)):ti,ab 663

#6 (((creutzfeldt OR jakob*) NEAR/4 (disease OR syndrome)) OR cjd OR (spongiform NEAR/4 encephalopath*) OR "corticostriatospinal degeneration" OR (pseudosclerosis NEAR/4 spastic)):ti,ab 64

#7 (binswanger* OR ((subcortic* OR arterisclerotic) NEAR/4 (encephalopath* OR leukoencephalopath*)) OR cadasil*):ti,ab 45

#8 ((sub NEXT cortic*) NEAR/4 (encephalopath* OR leukoencephalopath*)):ti,ab 0

#9 ((kosaka NEAR/2 shibayama) OR (neurofibrillary NEXT tangle*) OR dntc):ti,ab 81

#10 (((frontotemporal OR (fronto NEXT temporal) OR (corticobasal OR (cortico NEXT basal) OR (frontal NEXT lobe))) NEAR/4 (degenerati* or dysfunction)) OR ftld OR ftlds OR ftd OR ftds):ti,ab 364

#11 (pick* NEAR/1 (complex OR disease* OR syndrome)):ti,ab 50

#12 ((wilhemsen NEAR/1 lynch) OR ddpac OR (lob* NEAR/4 atroph*)):ti,ab 72

#13 (huntington* OR ((progressive OR major OR juvenile OR hereditary) NEAR/4 chorea)):ti,ab 757

#14 (((kluver OR kluever) NEAR/4 bucy) OR (("temporal lobectomy" NEAR/4 behavi*) or ("temporal lobe" NEAR/4 dysfunction)):ti,ab 14

#15 ((lewy NEXT bod*) OR dlb OR lbd OR dlbd):ti,ab 537

#16 ((senile NEXT confusion) OR (senile NEXT psychosis) OR senilit*):ti,ab 55

#17 MeSH descriptor: [Tauopathies] this term only 14

#18 tauopath*:ti,ab 54

#19 cerad:ti,ab 148

#20 Posterior NEXT cortic* NEXT atroph* 16

#21 sivd:ti,ab 16

#22 {OR #1-#21} 26099

#23 MeSH descriptor: [Delirium] explode all trees 1459

#24 (acute* NEAR/2 (confus* or "brain syndrome" or "brain failure" or "psycho-organic syndrome" or "organic psychosynndrome")):ti,ab 66

#25 deliri*:ti,ab 5091

#26 (terminal* NEAR restless*):ti,ab 3

#27 (toxic NEXT confus*):ti,ab 4

#28 {OR #23-#27} 5314

#29 #22 AND #28 494

#30 (sensitiv* OR diagnos*):ti,ab,kw OR [mh /DI] 364928

#31 #29 AND #30 with Publication Year from 2016 to present, in Trials 140
 #32 #29 AND #30 with Cochrane Library publication date from Jan 2016 to present, in Cochrane Reviews 3

Ovid MEDLINE(R) ALL <2016 to September 29, 2022>

Database: Ovid MEDLINE(R) ALL <1946 to November 17, 2023>

Search Strategy:

- 1 exp Dementia/ (208883)
- 2 (dementi* or pseudodementia).tw. (141652)
- 3 (alzheimer* or alzeimer* or (cortical adj4 sclerosis)).tw. (187819)
- 4 ((encephalopath* or cogniti* or neurocogniti*) adj4 (aids or hiv)).tw. (4555)
- 5 ((aphasi* adj4 (primary or progress*)) or mesulam* or ppa or (ftd adj4 temporal)).tw. (6946)
- 6 (((creutzfeldt or ja?ob*) adj4 (disease or syndrome)) or cjd or (spongiform adj4 encephalopath*) or "corticostriatospinal degeneration" or (pseudosclerosis adj4 spastic)).tw. (11594)
- 7 (binswanger* or ((subcortic* or "sub cortic*" or arterisclerotic) adj4 (encephalopath* or leukoencephalopath*)) or cadasil*).tw. (2610)
- 8 ((kosaka adj2 shibayama) or (neurofibrillary adj1 tangle*) or dntc).tw. (10038)
- 9 (((frontotemporal or (fronto adj temporal) or corticobasal or (cortico adj basal) or (frontal adj lobe))) adj4 (degenerati* or dysfunction)) or ftld or ftlds or ftd or ftds).tw. (10783)
- 10 ((pick* adj1 (complex or disease* or syndrome)) or (wilhemsen adj1 lynch) or ddpac or (lob* adj4 atroph*)).tw. (5920)
- 11 (huntington* or ((progressive or major or juvenile or hereditary) adj4 chorea)).tw. (21144)
- 12 (((kluver or kluever) adj4 bu?y) or (("temporal lobectomy" adj4 behavi*) or ("temporal lobe" adj4 dysfunction))).tw. (622)
- 13 ("lewy bod*" or dlb or lbd or dlbd).tw. (14609)
- 14 ("senile confusion" or "senile psychosis" or senilit*).tw. (871)
- 15 Tauopathies/ (2659)
- 16 tauopath*.tw. (5239)
- 17 cerad.tw. (935)
- 18 (Posterior adj cortic* adj atroph*).tw. (552)
- 19 sivd.tw. (179)
- 20 or/1-19 (354183)
- 21 delirium/ (12368)
- 22 (acute\$ adj2 (confus\$ or "brain syndrome" or "brain failure" or "psycho-organic syndrome" or "organic psychosyndrome")).tw. (1449)
- 23 deliri\$.tw. (21486)
- 24 (terminal\$ adj restless\$).tw. (46)
- 25 toxic confus\$.tw. (27)
- 26 or/21-25 (24446)
- 27 20 and 26 (3559)
- 28 (sensitiv: or diagnos:).mp. or di.fs. (7481858)
- 29 27 and 28 (2151)
- 30 animals/ not humans/ (5137547)
- 31 29 not 30 (2150)
- 32 limit 31 to english language (1877)
- 33 limit 31 to italian (2)
- 34 32 or 33 (1879)
- 35 limit 34 to yr="2016 -Current" (804)

Database: Embase <1974 to 2023 November 17>

Search Strategy:

- 1 exp *Dementia/ (266825)
- 2 (dementi* or pseudodementia).tw. (203320)
- 3 (alzheimer* or alzeimer* or (cortical adj4 sclerosis)).tw. (252664)

4 ((encephalopath* or cogniti* or neurocogniti*) adj4 (aids or hiv)).tw. (6675)
5 ((aphasi* adj4 (primary or progress*)) or mesulam* or ppa or (ftd adj4 temporal)).tw. (10086)
6 (((creutzfeldt or ja?ob*) adj4 (disease or syndrome)) or cjd or (spongiform adj4 encephalopath*) or "corticostriatospinal degeneration" or (pseudosclerosis adj4 spastic)).tw. (14501)
7 (binswanger* or ((subcortic* or "sub cortic*" or arterisclerotic) adj4 (encephalopath* or leukoencephalopath*)) or cadasil*).tw. (3776)
8 ((kosaka adj2 shibayama) or (neurofibrillary adj1 tangle*) or dntc).tw. (13386)
9 (((frontotemporal or (fronto adj temporal) or (corticobasal or (cortico adj basal) or (frontal adj lobe))) adj4 (degenerati* or dysfunction)) or ftld or ftlds or ftd or ftlds).tw. (18057)
10 ((pick* adj1 (complex or disease* or syndrome)) or (wilhemsen adj1 lynch) or ddpac or (lob* adj4 atroph*)).tw. (7877)
11 (huntington* or ((progressive or major or juvenile or hereditary) adj4 chorea)).tw. (28535)
12 (((kluver or kluever) adj4 bu?y) or (("temporal lobectomy" adj4 behavi*) or ("temporal lobe" adj4 dysfunction))).tw. (805)
13 ("lewy bod*" or dlb or lbd or dlbd).tw. (21688)
14 ("senile confusion" or "senile psychosis" or senilit*).tw. (947)
15 *tauopathy/ (3090)
16 tauopath*.tw. (8125)
17 cerad.tw. (1762)
18 (Posterior adj cortic* adj atroph*).tw. (971)
19 sivd.tw. (245)
20 or/1-19 (480239)
21 delirium/ (36045)
22 (acute\$ adj2 (confus\$ or "brain syndrome" or "brain failure" or "psycho-organic syndrome" or "organic psychosyndrome")).tw. (2309)
23 deliri\$.tw. (32891)
24 (terminal\$ adj restless\$).tw. (61)
25 toxic confus\$.tw. (33)
26 or/21-25 (47549)
27 20 and 26 (6511)
28 (sensitiv: or diagnos:).mp. or di.fs. (9503171)
29 27 and 28 (3478)
30 animals/ not humans/ (1082328)
31 29 not 30 (3478)
32 limit 31 to english language (3144)
33 limit 31 to italian (10)
34 32 or 33 (3153)
35 limit 34 to yr="2016 -Current" (1563)

Review question 5

How effective are pre-, peri- and post-diagnostic counselling and support on outcomes for people living with dementia and their caregivers?

Number of records per database

Database	Records
Cochrane Database od Systematic Reviews	16
CENTRAL	557
MEDLINE	1013
Embase	982
Total (Database)	2568
Total (Database) after removing duplicates	1965

Filters: Systematic review, RCT, observational studies

Cochrane Library Issue 10, 2023

- #1 MeSH descriptor: [Dementia] explode all trees 9336
- #2 (dementi* OR pseudodementia):ti,ab 15623
- #3 (alzheimer* OR alzeimer* OR (cortical NEAR/4 sclerosis)):ti,ab 12922
- #4 ((encephalopath* OR cogniti* OR neurocogniti*) NEAR/4 (aids OR hiv)):ti,ab 468
- #5 ((aphasi* NEAR/4 (primary OR progress*)) OR mesulam* OR ppa OR (ftd NEAR/4 temporal)):ti,ab 663
- #6 (((creutzfeldt OR jakob*) NEAR/4 (disease OR syndrome)) OR cjd OR (spongiform NEAR/4 encephalopath*) OR "corticostriatospinal degeneration" OR (pseudosclerosis NEAR/4 spastic)):ti,ab 64
- #7 (binswanger* OR ((subcortic* OR arterisclerotic) NEAR/4 (encephalopath* OR leukoencephalopath*)) OR cadasil*):ti,ab 45
- #8 ((sub NEXT cortic*) NEAR/4 (encephalopath* OR leukoencephalopath*))):ti,ab 0
- #9 ((kosaka NEAR/2 shibayama) OR (neurofibrillary NEXT tangle*) OR dntc):ti,ab 81
- #10 (((frontotemporal OR (fronto NEXT temporal) OR (corticobasal OR (cortico NEXT basal) OR (frontal NEXT lobe))) NEAR/4 (degenerati* or dysfunction)) OR ftld OR ftlds OR ftd OR ftds):ti,ab 364
- #11 (pick* NEAR/1 (complex OR disease* OR syndrome)):ti,ab 50
- #12 ((wilhemsen NEAR/1 lynch) OR ddpac OR (lob* NEAR/4 atroph*)):ti,ab 72
- #13 (huntington* OR ((progressive OR major OR juvenile OR hereditary) NEAR/4 chorea)):ti,ab 757
- #14 (((kluver OR kluever) NEAR/4 bucy) OR (("temporal lobectomy" NEAR/4 behavi*) OR ("temporal lobe" NEAR/4 dysfunction))):ti,ab 14
- #15 ((lewy NEXT bod*) OR dlb OR lbd OR dlbd):ti,ab 537
- #16 ((senile NEXT confusion) OR (senile NEXT psychosis) OR senilit*):ti,ab 55
- #17 MeSH descriptor: [Tauopathies] this term only 14
- #18 tauopath*:ti,ab 54
- #19 cerad:ti,ab 148
- #20 Posterior NEXT cortic* NEXT atroph* 16
- #21 sivd:ti,ab 16
- #22 {OR #1-#21} 26099
- #23 diagnos*:ti,ab 198468
- #24 MeSH descriptor: [Diagnosis] explode all trees 447571
- #25 #23 OR #24 603369
- #26 #22 AND #25 7849
- #27 MeSH descriptor: [Counseling] explode all trees 7591
- #28 counsel*:ti,ab 25715
- #29 MeSH descriptor: [Social Support] explode all trees 4328

#30 ((soci* or psychosocial* or peer* or friend* or buddy* or companion* or volunteer*) NEAR/4 (support* or therap* or system* or network* or group*)):ti,ab 26695

#31 MeSH descriptor: [Self-Help Groups] explode all trees 892

#32 (Self-help* or self-manag* or (self NEAR/4 (help* or manag* or therap* or care* or caring*))) :ti,ab 25436

#33 MeSH descriptor: [Patients] explode all trees and with qualifier(s): [psychology - PX] 786

#34 MeSH descriptor: [Family] explode all trees and with qualifier(s): [psychology - PX] 4993

#35 MeSH descriptor: [Mentally Ill Persons] explode all trees and with qualifier(s): [psychology - PX] 35

#36 MeSH descriptor: [Caregivers] explode all trees and with qualifier(s): [psychology - PX] 1750

#37 MeSH descriptor: [Patient Navigation] explode all trees 193

#38 ((patient* or care* or treat* or medic*) NEAR/4 navigat*):ti,ab 1461

#39 (Admiral NEAR/4 nurs*):ti,ab 1

#40 (dementia NEAR/4 advis*):ti,ab 10

#41 (Strategies NEXT For NEXT Relatives):ti,ab 5

#42 signpost*:ti,ab 180

#43 MeSH descriptor: [Information Centers] 2 tree(s) exploded 32

#44 MeSH descriptor: [Information Services] 1 tree(s) exploded 0

#45 MeSH descriptor: [Information Dissemination] explode all trees 340

#46 MeSH descriptor: [Libraries] 2 tree(s) exploded 26

#47 MeSH descriptor: [Library Services] 2 tree(s) exploded 8

#48 MeSH descriptor: [Health Education] explode all trees 24480

#49 MeSH descriptor: [Patient Education as Topic] explode all trees 10091

#50 MeSH descriptor: [Consumer Health Information] explode all trees 891

#51 MeSH descriptor: [Self Care] explode all trees 7621

#52 ((patient* or parent* or famil* or relative* or carer* or caregiver* or care-giver* or inpatient* or in-patient* or spous* or husband* or wife* or wive* or partner* or mother* or consumer*) NEAR (advis* or advice* or counsel* or educat* or communicat* or informat* or learn* or lesson* or librar* or material* or need* or promot* or resource* or selfhelp* or self-help* or self help or selfcar* or self-car* or self car* or self-manag* or self manag* or support* or teach* or tool* or train* or tutorial*)):ti 66741

#53 ((medical or health or electronic or virtual) NEAR/4 (communicat* or educat* or informat* or learn*)):ti 4477

#54 MeSH descriptor: [Computer-Assisted Instruction] explode all trees 1379

#55 MeSH descriptor: [Computers, Handheld] explode all trees 1390

#56 MeSH descriptor: [Mobile Applications] explode all trees 1607

#57 MeSH descriptor: [Social Networking] explode all trees 196

#58 MeSH descriptor: [Electronic Mail] 2 tree(s) exploded 411

#59 MeSH descriptor: [Text Messaging] 2 tree(s) exploded 1514

#60 MeSH descriptor: [Hotlines] explode all trees 195

#61 MeSH descriptor: [Patient Education Handout] explode all trees 0

#62 MeSH descriptor: [Teaching Materials] 1 tree(s) exploded 0

#63 MeSH descriptor: [Pamphlets] 1 tree(s) exploded 0

#64 (app:ti OR apps:ti OR blog*:ti OR booklet*:ti OR brochure*:ti OR dvd*:ti OR elearn*:ti OR e-learn*:ti OR email*:ti OR e-mail*:ti OR ("e" NEXT mail*):ti OR facebook:ti OR facetime:ti OR "face time":ti OR forum*:ti OR handout*:ti OR hand-out*:ti OR ("hand" NEXT out*):ti OR helpline*:ti OR hotline*:ti OR internet*:ti OR ipad*:ti OR iphone*:ti OR leaflet*:ti OR mspace:ti OR online:ti OR magazine*:ti OR ("mobile" NEXT phone*):ti OR newsletter*:ti OR pamphlet*:ti OR ("palm" NEXT pilot*):ti OR ("personal digital" NEXT assistant* or NEXT "pocket" NEXT pc*):ti OR podcast*:ti OR poster*:ti OR skype*:ti OR smartphone*:ti OR ("smart" NEXT phone*):ti OR "social media":ti OR ("social" NEXT network*):ti OR sms:ti OR ("text" NEXT messag*):ti OR twitter:ti OR tweet*:ti OR video*:ti OR web*:ti OR wiki*:ti OR youtube*:ti) 36256

#65 ((mobile* or portable) NEAR/4 application*):ti,ab 2867

#66 (computer* NEAR/4 (handheld or palm top or palmtop or pda or tablet*)):ti 131

#67 MeSH descriptor: [Bibliotherapy] explode all trees 143

#68 bibliotherap*:ti 144

#69 ((book* or information*) NEAR/2 prescription*):ti 20

#70 {OR #27-#69} 188586

#71	#26 AND #70 with Cochrane Library publication date from Jan 2017 to present, in Cochrane Reviews	16
#72	#26 AND #70 with Publication Year from 2017 to present, in Trials	557

Database: Ovid MEDLINE(R) ALL <1946 to November 17, 2023>

Search Strategy:

- 1 exp Dementia/ (208883)
- 2 (dementi* or pseudodementia).tw. (141652)
- 3 (alzheim* or alzeim* or (cortical adj4 sclerosis)).tw. (187819)
- 4 ((encephalopath* or cogniti* or neurocogniti*) adj4 (aids or hiv)).tw. (4555)
- 5 ((aphasi* adj4 (primary or progress*)) or mesulam* or ppa or (ftd adj4 temporal)).tw. (6946)
- 6 (((creutzfeldt or ja?ob*) adj4 (disease or syndrome)) or cjd or (spongiform adj4 encephalopath*) or "corticostriatal degeneration" or (pseudosclerosis adj4 spastic)).tw. (11594)
- 7 (binswanger* or ((subcortic* or "sub cortic*" or arteriosclerotic) adj4 (encephalopath* or leukoencephalopath*)) or cadasil*).tw. (2610)
- 8 ((kosaka adj2 shibayama) or (neurofibrillary adj1 tangle*) or dntc).tw. (10038)
- 9 (((frontotemporal or (fronto adj temporal) or (corticobasal or (cortico adj basal) or (frontal adj lobe))) adj4 (degenerati* or dysfunction)) or ftld or ftlds or ftd or ftds).tw. (10783)
- 10 ((pick* adj1 (complex or disease* or syndrome)) or (wilhemsen adj1 lynch) or ddpac or (lob* adj4 atroph*)).tw. (5920)
- 11 (huntington* or ((progressive or major or juvenile or hereditary) adj4 chorea)).tw. (21144)
- 12 (((klüver or klüever) adj4 bu?y) or ("temporal lobectomy" adj4 behavi*) or ("temporal lobe" adj4 dysfunction))).tw. (622)
- 13 ("lewy bod*" or dlb or lbd or dlbd).tw. (14609)
- 14 ("senile confusion" or "senile psychosis" or senilit*).tw. (871)
- 15 Tauopathies/ (2659)
- 16 tauopath*.tw. (5239)
- 17 cerad.tw. (935)
- 18 (Posterior adj cortic* adj atroph*).tw. (552)
- 19 sivd.tw. (179)
- 20 or/1-19 (354183)
- 21 diagnos*.tw. (3073019)
- 22 exp Diagnosis/ (9433688)
- 23 21 or 22 (11026913)
- 24 20 and 23 (125764)
- 25 exp Counseling/ (49279)
- 26 counsel*.tw. (136883)
- 27 Social support/ (79238)
- 28 ((soci* or psychosocial* or peer* or friend* or buddy* or companion* or volunteer*) adj4 (support* or therap* or system* or network* or group*)).tw. (205206)
- 29 Self-Help Groups/ (9622)
- 30 (Self-help* or self-manag* or (self adj4 (help* or manag* or therap* or care* or caring*))).tw. (79672)
- 31 exp Patients/px (18551)
- 32 exp Family/px (104277)
- 33 Mentally Ill Persons/px (1074)
- 34 Caregivers/px (27041)
- 35 Patient Navigation/ (1068)
- 36 ((patient* or care* or treat* or medic*) adj4 navigat*).tw. (6847)
- 37 (Admiral adj4 nurs*).tw. (62)
- 38 (dementia adj4 advis?r*).tw. (29)
- 39 Strategies For Relatives.tw. (53)
- 40 signpost*.tw. (1279)
- 41 information centers/ or information services/ or information dissemination/ (35325)
- 42 libraries/ or library services/ (3671)

43 health education/ (63909)
44 patient education as topic/ (88365)
45 consumer health information/ (4321)
46 needs assessment/ (32502)
47 self care/ (36240)
48 ((patient* or parent* or famil* or relative* or carer* or caregiver* or care-giver* or inpatient* or in-patient* or spous* or husband* or wife* or wive* or partner* or mother* or consumer*) adj6 (advis* or advice* or counsel* or educat* or communicat* or informat* or learn* or lesson* or librar* or material* or need* or promot* or resource* or selfhelp* or self-help* or self help or selfcar* or self-car* or self car* or self-manag* or self manag* or support* or teach* or tool* or train* or tutorial*)).ti. (117665)
49 ((medical or health or electronic or virtual) adj4 (communicat* or educat* or informat* or learn*)).ti. (73642)
50 computer-assisted instruction/ (12602)
51 exp internet/ (98776)
52 exp computers handheld/ (13370)
53 mobile applications/ (11888)
54 social networking/ (5508)
55 electronic mail/ (2987)
56 text messaging/ (4587)
57 hotlines/ (2948)
58 patient education handout/ (5705)
59 exp teaching materials/ (124383)
60 pamphlets/ (4137)
61 (app or apps or blog* or booklet* or brochure* or dvd* or elearn* or e-learn* or email* or e-mail* or e mail* or facebook or facetime or face time or forum* or handout* or hand-out* or hand out* or helpline* or hotline* or internet* or ipad* or iphone* or leaflet* or Myspace or online or magazine* or mobile phone* or newsletter* or pamphlet* or palm pilot* or personal digital assistant* or pocket pc* or podcast* or poster? or skype* or smartphone* or smart phone* or social media or social network* or sms or text messag* or twitter or tweet* or video* or web* or wiki* or youtube*).ti. (200442)
62 ((mobile* or portable) adj4 application*).ti. (2651)
63 (computer* adj4 (handheld or palm top or palmtop or pda or tablet*)).ti. (424)
64 bibliotherapy/ (439)
65 bibliotherap*.ti. (232)
66 ((book* or information*) adj2 prescription*).ti. (155)
67 or/25-66 (1244180)
68 24 and 67 (5899)
69 Randomized Controlled Trial.pt. (603374)
70 Controlled Clinical Trial.pt. (95455)
71 Clinical Trial.pt. (539039)
72 exp Clinical Trials as Topic/ (385901)
73 Placebos/ (35934)
74 Random Allocation/ (107040)
75 Double-Blind Method/ (176679)
76 Single-Blind Method/ (33051)
77 Cross-Over Studies/ (55775)
78 ((random\$ or control\$ or clinical\$) adj3 (trial\$ or stud\$)).tw. (1600381)
79 (random\$ adj3 allocat\$).tw. (46405)
80 placebo\$.tw. (251062)
81 ((singl\$ or doubl\$ or trebl\$ or tripl\$) adj (blind\$ or mask\$)).tw. (200832)
82 (crossover\$ or (cross adj over\$)).tw. (101725)
83 or/69-82 (2448558)
84 animals/ not humans/ (5137547)
85 83 not 84 (2306434)
86 Meta-Analysis.pt. (189989)
87 Meta-Analysis as Topic/ (23531)

88 Review.pt. (3238381)
 89 exp Review Literature as Topic/ (23922)
 90 (metaanaly\$ or metanaly\$ or (meta adj3 analy\$)).tw. (288546)
 91 (review\$ or overview\$).ti. (782693)
 92 (systematic\$ adj5 (review\$ or overview\$)).tw. (335934)
 93 ((quantitative\$ or qualitative\$) adj5 (review\$ or overview\$)).tw. (17752)
 94 ((studies or trial\$) adj2 (review\$ or overview\$)).tw. (66804)
 95 (integrat\$ adj3 (research or review\$ or literature)).tw. (18992)
 96 (pool\$ adj2 (analy\$ or data)).tw. (45424)
 97 (handsearch\$ or (hand adj3 search\$)).tw. (11699)
 98 (manual\$ adj3 search\$).tw. (8864)
 99 or/86-98 (3742608)
 100 animals/ not humans/ (5137547)
 101 99 not 100 (3562749)
 102 Observational Studies as Topic/ (9174)
 103 Observational Study/ (148783)
 104 Epidemiologic Studies/ (9426)
 105 exp Case-Control Studies/ (1459071)
 106 exp Cohort Studies/ (2541289)
 107 Cross-Sectional Studies/ (483744)
 108 Controlled Before-After Studies/ (741)
 109 Historically Controlled Study/ (231)
 110 Interrupted Time Series Analysis/ (1939)
 111 Comparative Study.pt. (1913330)
 112 case control\$.tw. (161713)
 113 case series.tw. (106641)
 114 (cohort adj (study or studies)).tw. (330691)
 115 cohort analy\$.tw. (12335)
 116 (follow up adj (study or studies)).tw. (57095)
 117 (observational adj (study or studies)).tw. (168447)
 118 longitudinal.tw. (331923)
 119 prospective.tw. (731690)
 120 retrospective.tw. (772373)
 121 cross sectional.tw. (533391)
 122 102 or 103 or 104 or 105 or 106 or 107 or 108 or 109 or 110 or 111 or 112 or 113 or 114 or 115 or 116 or 117 or 118 or 119 or 120 or 121 (5600071)
 123 animals/ not humans/ (5137547)
 124 122 not 123 (5107895)
 125 85 or 101 or 124 (9334095)
 126 68 and 125 (2958)
 127 limit 126 to yr="2017 -Current" (1049)
 128 limit 127 to italian (0)
 129 limit 127 to english language (1013)

Database: Embase <1974 to 2023 November 17>

Search Strategy:

1 exp *Dementia/ (266825)
 2 (dementi* or pseudodementia).tw. (203320)
 3 (alzheimer* or alzeimer* or (cortical adj4 sclerosis)).tw. (252664)
 4 ((encephalopath* or cogniti* or neurocogniti*) adj4 (aids or hiv)).tw. (6675)
 5 ((aphasi* adj4 (primary or progress*)) or mesulam* or ppa or (ftd adj4 temporal)).tw. (10086)
 6 (((creutzfeldt or ja?ob*) adj4 (disease or syndrome)) or cjd or (spongiform adj4 encephalopath*) or "corticostriatospinal degeneration" or (pseudosclerosis adj4 spastic)).tw. (14501)

7 (binswanger* or ((subcortic* or "sub cortic*" or arterisclerotic) adj4 (encephalopath* or leukoencephalopath*)) or cadasil*).tw. (3776)

8 ((kosaka adj2 shibayama) or (neurofibrillary adj1 tangle*) or dntc).tw. (13386)

9 (((frontotemporal or (fronto adj temporal) or (corticobasal or (cortico adj basal) or (frontal adj lobe))) adj4 (degenerati* or dysfunction)) or ftld or ftlds or ftd or ftds).tw. (18057)

10 ((pick* adj1 (complex or disease* or syndrome)) or (wilhemsen adj1 lynch) or ddpac or (lob* adj4 atroph*)).tw. (7877)

11 (huntington* or ((progressive or major or juvenile or hereditary) adj4 chorea)).tw. (28535)

12 (((kluver or kluever) adj4 bu?y) or (("temporal lobectomy" adj4 behavi*) or ("temporal lobe" adj4 dysfunction))).tw. (805)

13 ("lewy bod*" or dlb or lbd or dlbd).tw. (21688)

14 ("senile confusion" or "senile psychosis" or senilit*).tw. (947)

15 *tauopathy/ (3090)

16 tauopath*.tw. (8125)

17 cerad.tw. (1762)

18 (Posterior adj cortic* adj atroph*).tw. (971)

19 sivd.tw. (245)

20 or/1-19 (480239)

21 diagnos*.tw. (4472449)

22 exp *diagnosis/ (2066345)

23 21 or 22 (5862971)

24 20 and 23 (109285)

25 exp *counseling/ (42779)

26 counsel*.tw. (201687)

27 *social support/ (26738)

28 ((soci* or psychosocial* or peer* or friend* or buddy* or companion* or volunteer*) adj4 (support* or therap* or system* or network* or group*)).tw. (268033)

29 self help/ (14890)

30 (Self-help* or self-manag* or (self adj4 (help* or manag* or therap* or care* or caring*))).tw. (109662)

31 ((patient* or care* or treat* or medic*) adj4 navigat*).tw. (11042)

32 (Admiral adj4 nurs*).tw. (67)

33 (dementia adj4 advis?r*).tw. (45)

34 Strategies For Relatives.tw. (67)

35 signpost*.tw. (2344)

36 information centers/ or information services/ or information dissemination/ (57824)

37 libraries/ or library services/ (28343)

38 health education/ (110382)

39 patient education as topic/ (107861)

40 consumer health information/ (4296)

41 needs assessment/ (27661)

42 self care/ (76948)

43 ((patient* or parent* or famil* or relative* or carer* or caregiver* or care-giver* or inpatient* or in-patient* or spous* or husband* or wife* or wive* or partner* or mother* or consumer*) adj6 (advis* or advice* or counsel* or educat* or communicat* or informat* or learn* or lesson* or librar* or material* or need* or promot* or resource* or selfhelp* or self-help* or self help or selfcar* or self-car* or self car* or self-manag* or self manag* or support* or teach* or tool* or train* or tutorial*)).ti. (154487)

44 ((medical or health or electronic or virtual) adj4 (communicat* or educat* or informat* or learn*)).ti. (74543)

45 computer-assisted instruction/ (86367)

46 exp *internet/ (42293)

47 exp computers handheld/ (1838)

48 mobile applications/ (21209)

49 social networking/ (21568)

50 electronic mail/ (31321)

51 text messaging/ (7811)

52 hotlines/ (664)
53 patient education handout/ (0)
54 exp teaching/ (108542)
55 pamphlets/ (185845)
56 (app or apps or blog* or booklet* or brochure* or dvd* or elearn* or e-learn* or email* or e-mail* or e mail* or facebook or facetime or face time or forum* or handout* or hand-out* or hand out* or helpline* or hotline* or internet* or ipad* or iphone* or leaflet* or myspace or online or magazine* or mobile phone* or newsletter* or pamphlet* or palm pilot* or personal digital assistant* or pocket pc* or podcast* or poster? or skype* or smartphone* or smart phone* or social media or social network* or sms or text messag* or twitter or tweet* or video* or web* or wiki* or youtube*).ti. (237198)
57 ((mobile* or portable) adj4 application*).ti. (3489)
58 (computer* adj4 (handheld or palm top or palmtop or pda or tablet*)).ti. (488)
59 bibliotherapy/ (337)
60 bibliotherap*.ti. (265)
61 ((book* or information*) adj2 prescription*).ti. (182)
62 or/25-61 (1566991)
63 24 and 62 (5077)
64 "meta analysis (topic)"/ or meta analysis/ (346706)
65 "systematic review"/ or "systematic review (topic)"/ (468483)
66 (metaanaly\$ or metanaly\$ or (meta adj3 analy\$)).tw. (366294)
67 (review\$ or overview\$).ti. (895515)
68 (systematic\$ adj5 (review\$ or overview\$)).tw. (407405)
69 ((quantitative\$ or qualitative\$) adj5 (review\$ or overview\$)).tw. (21326)
70 ((studies or trial\$) adj2 (review\$ or overview\$)).tw. (80242)
71 (integrat\$ adj3 (research or review\$ or literature)).tw. (21693)
72 (pool\$ adj2 (analy\$ or data)).tw. (66996)
73 (handsearch\$ or (hand adj3 search\$)).tw. (14228)
74 (manual\$ adj3 search\$).tw. (10630)
75 or/64-74 (1398314)
76 animals/ not humans/ (1082328)
77 75 not 76 (1387774)
78 Clinical-Trial/ or Randomized-Controlled-Trial/ or Randomization/ or Single-Blind-Procedure/ or Double-Blind-Procedure/ or Crossover-Procedure/ or Prospective-Study/ or Placebo/ (2572989)
79 (((clinical or control or controlled) adj (study or trial)) or ((single or double or triple) adj (blind\$3 or mask\$3)) or (random\$ adj (assign\$ or allocat\$ or group or grouped or patients or study or trial or distribut\$)) or (crossover adj (design or study or trial)) or placebo or placebos).ti,ab. (1390904)
80 78 or 79 (3117696)
81 animals/ not humans/ (1082328)
82 80 not 81 (3080064)
83 Observational Study/ (344572)
84 epidemiology/ (246708)
85 exp case control study/ (227755)
86 exp cohort analysis/ (1072932)
87 cross-sectional study/ (593126)
88 Controlled Before-After.mp. (535)
89 Historically Controlled Study.mp. (97)
90 Interrupted Time Series Analysis.mp. (3324)
91 comparative study/ (1034277)
92 case control\$.tw. (213740)
93 case series.tw. (150152)
94 (cohort adj (study or studies)).tw. (476498)
95 cohort analy\$.tw. (19868)
96 (follow up adj (study or studies)).tw. (74510)
97 (observational adj (study or studies)).tw. (261032)

98 longitudinal.tw. (448552)
99 prospective.tw. (1117392)
100 retrospective.tw. (1280179)
101 cross sectional.tw. (695493)
102 or/83-101 (5474320)
103 animals/ not humans/ (1082328)
104 102 not 103 (5355208)
105 63 and 77 (394)
106 63 and 82 (545)
107 63 and 104 (1210)
108 105 or 106 or 107 (1815)
109 limit 108 to yr="2017 -Current" (993)
110 limit 109 to italian (0)
111 limit 109 to english language (982)

Review question 7a

What are the most effective methods of care planning, focusing upon improving outcomes for people with dementia and their carers?

Number of records per database

Database	Records
Cochrane Database of Systematic Reviews	38
CENTRAL	2238
MEDLINE	2998
Embase	2999
Total (Database)	8273
Total (Database) after removing duplicates	5371

Filters: Systematic review, RCT

Cochrane Library (issue 11, 2023)

#1	MeSH descriptor: [Dementia] explode all trees	9336
#2	(dementi* OR pseudodementia):ti,ab	15623
#3	(alzheimer* OR alzeimer* OR (cortical NEAR/4 sclerosis)):ti,ab	12922
#4	((encephalopath* OR cogniti* OR neurocogniti*) NEAR/4 (aids OR hiv)):ti,ab	468
#5	((aphasi* NEAR/4 (primary OR progress*)) OR mesulam* OR ppa OR (ftd NEAR/4 temporal)):ti,ab	663
#6	((creutzfeldt OR jakob*) NEAR/4 (disease OR syndrome)) OR cjd OR (spongiform NEAR/4 encephalopath*) OR "corticostriatospinal degeneration" OR (pseudosclerosis NEAR/4 spastic):ti,ab	64
#7	(binswanger* OR ((subcortic* OR arteriosclerotic) NEAR/4 (encephalopath* OR leukoencephalopath*)) OR cadasil*):ti,ab	45
#8	((sub NEXT cortic*) NEAR/4 (encephalopath* OR leukoencephalopath*)):ti,ab	0
#9	((kosaka NEAR/2 shibayama) OR (neurofibrillary NEXT tangle*) OR dntc):ti,ab	81
#10	((frontotemporal OR (fronto NEXT temporal) OR (corticobasal OR (cortico NEXT basal) OR (frontal NEXT lobe))) NEAR/4 (degenerati* OR dysfunction)) OR ftld OR ftlds OR ftd OR ftds):ti,ab	364
#11	(pick* NEAR/1 (complex OR disease* OR syndrome)):ti,ab	50
#12	((wilhemsen NEAR/1 lynch) OR ddpac OR (lob* NEAR/4 atroph*)):ti,ab	72
#13	(huntington* OR ((progressive OR major OR juvenile OR hereditary) NEAR/4 chorea)):ti,ab	757
#14	((kluver OR kluever) NEAR/4 bucy) OR (("temporal lobectomy" NEAR/4 behavi*) OR ("temporal lobe" NEAR/4 dysfunction)):ti,ab	14
#15	((lewy NEXT bod*) OR dlb OR lbd OR dlbd):ti,ab	537
#16	((senile NEXT confusion) OR (senile NEXT psychosis) OR senilit*):ti,ab	55
#17	MeSH descriptor: [Tauopathies] this term only	14
#18	tauopath*:ti,ab	54
#19	cerad:ti,ab	148
#20	Posterior NEXT cortic* NEXT atroph*	16
#21	sivd:ti,ab	16
#22	{OR #1-#21}	26099
#23	MeSH descriptor: [Patient Care Planning] explode all trees	2309
#24	MeSH descriptor: [Health Planning] explode all trees	5919
#25	MeSH descriptor: [Case Management] explode all trees	905
#26	MeSH descriptor: [Cooperative Behavior] explode all trees	1100
#27	MeSH descriptor: [Patient Care Team] explode all trees	2060
#28	MeSH descriptor: [Delivery of Health Care, Integrated] explode all trees	520

#29 MeSH descriptor: [Community Health Services] explode all trees and with qualifier(s): [organization & administration - OG] 1634

#30 MeSH descriptor: [Mental Health Services] explode all trees and with qualifier(s): [organization & administration - OG] 481

#31 MeSH descriptor: [Patient Care Management] explode all trees and with qualifier(s): [organization & administration - OG] 2430

#32 MeSH descriptor: [Nursing Homes] explode all trees 1838

#33 MeSH descriptor: [Homes for the Aged] explode all trees 742

#34 ((car* or case or treat* or support) NEAR/4 (plan* or coordinat* or co-ordinat* or manag* or consult* or facilitat* or shar* or collaborat* or harmoni* or integrat* or program* or cooperat* or co-operat* or continuity or team* or coalition*)):ti,ab 80747

#35 ((coordinat* or co-ordinat* or harmoni* or integrat* or cooperat* or co-operat* or collaborat* or coalition*) NEAR/4 (resource* or asset* or means or service* or program* or agenc* or project*)):ti,ab 5798

#36 (car* NEAR/4 (goal* or objective* or target*)):ti,ab 12658

#37 MeSH descriptor: [Interdisciplinary Communication] explode all trees 321

#38 MeSH descriptor: [Interprofessional Relations] explode all trees 730

#39 ((interdisciplin* or inter-disciplin* or multidisciplin* or multi-disciplin* or interprofession* or interprofession* or transdisciplin* or trans-disciplin* or cross-disciplin*) NEAR/4 (car* or collaborat* or communicat* or relation* or social* or work* or network* or coalition* or approach*)):ti,ab 3720

#40 MeSH descriptor: [Disease Management] explode all trees 6530

#41 MeSH descriptor: [Self Care] explode all trees 7621

#42 ((diseas* or illness or condition or disorder*) NEAR/2 management):ti,ab 4621

#43 ((self or (patient NEXT cent*) or patient-cent*) NEAR/4 (car* or manag* or treat*)):ti,ab 26373

#44 (whole NEAR/4 (system or care)):ti,ab 438

#45 MeSH descriptor: [Psychiatric Nursing] explode all trees 240

#46 ((admiral or psychiatric or mental health) NEAR/4 nurs*):ti,ab 3795

#47 (triang* NEAR/4 car*):ti,ab 44

#48 "Partners in Dementia Care" 7

#49 "MIND at Home" 13

#50 "Medicare Alzheimer's Disease Demonstration" 9

#51 {OR #23-#50} 136016

#52 #22 AND #51 with Cochrane Library publication date from Jan 2016 to present, in Cochrane Reviews 38

#53 #22 AND #51 with Publication Year from 2016 to present, in Trials 2238

Database: Ovid MEDLINE(R) ALL <1946 to November 17, 2023>

Search Strategy:

1 exp *Dementia/ (177727)

2 (dementi* or pseudodementia).tw. (141652)

3 (alzheimer* or alzeimer* or (cortical adj4 sclerosis)).tw. (187819)

4 ((encephalopath* or cogniti* or neurocogniti*) adj4 (aids or hiv)).tw. (4555)

5 ((aphasi* adj4 (primary or progress*)) or mesulam* or ppa or (ftd adj4 temporal)).tw. (6946)

6 (((creutzfeldt or ja?ob*) adj4 (disease or syndrome)) or cjd or (spongiform adj4 encephalopath*) or "corticostriatal degeneration" or (pseudosclerosis adj4 spastic)).tw. (11594)

7 (binswanger* or ((subcortic* or "sub cortic*" or arterisclerotic) adj4 (encephalopath* or leukoencephalopath*)) or cadasil*).tw. (2610)

8 ((kosaka adj2 shibayama) or (neurofibrillary adj1 tangle*) or dntc).tw. (10038)

9 (((frontotemporal or (fronto adj temporal) or (corticobasal or (cortico adj basal) or (frontal adj lobe))) adj4 (degenerati* or dysfunction)) or ftld or ftlds or ftd or ftlds).tw. (10783)

10 ((pick* adj1 (complex or disease* or syndrome)) or (wilhemsens adj1 lynch) or ddpac or (lob* adj4 atroph*)).tw. (5920)

11 (huntington* or ((progressive or major or juvenile or hereditary) adj4 chorea)).tw. (21144)

12 (((kluver or kluever) adj4 bu?y) or (("temporal lobectomy" adj4 behavi*) or ("temporal lobe" adj4 dysfunction))).tw. (622)

13 ("lewy bod*" or dlb or lbd or dlbd).tw. (14609)

- 14 ("senile confusion" or "senile psychosis" or senilit*).tw. (871)
- 15 *tauopathy/ (2172)
- 16 tauopath*.tw. (5239)
- 17 cerad.tw. (935)
- 18 (Posterior adj cortic* adj atroph*).tw. (552)
- 19 sivd.tw. (179)
- 20 or/1-19 (343082)
- 21 Patient Care Planning/ (39543)
- 22 Health Planning/ (21992)
- 23 Case Management/ (10676)
- 24 Cooperative Behavior/ (46146)
- 25 Patient Care Team/ (69649)
- 26 exp "Delivery of Health Care, Integrated"/ (14520)
- 27 exp Community Health Services/og (45405)
- 28 exp Mental Health Services/og (15172)
- 29 exp Patient Care Management/og (106228)
- 30 exp Nursing Homes/og (5969)
- 31 Homes for the Aged/og (1657)
- 32 ((car* or case or treat* or support) adj4 (plan* or coordinat* or co-ordinat* or manag* or consult* or facilitat* or shar* or collaborat* or harmoni* or integrat* or program* or cooperat* or co-operat* or continuity or team* or coalition*)).tw. (694502)
- 33 ((coordinat* or co-ordinat* or harmoni* or integrat* or cooperat* or co-operat* or collaborat* or coalition*) adj4 (resource* or asset* or means or service* or program* or agenc* or project*)).tw. (65550)
- 34 (car* adj4 (goal* or objective* or target*)).tw. (93056)
- 35 Interdisciplinary Communication/ (18147)
- 36 Interprofessional Relations/ (53470)
- 37 ((interdisciplin* or inter-disciplin* or multidisciplin* or multi-disciplin* or interprofession* or interprofession* or transdisciplin* or trans-disciplin* or cross-disciplin*) adj4 (car* or collaborat* or communicat* or relation* or social* or work* or network* or coalition* or approach*)).tw. (80348)
- 38 Disease Management/ (43051)
- 39 exp Self Care/ (62772)
- 40 ((diseas* or illness or condition or disorder*) adj2 management).tw. (31970)
- 41 ((self or patient cent* or patient-cent*) adj4 (car* or manag* or treat*)).tw. (97478)
- 42 (whole adj4 (system or care)).tw. (11667)
- 43 Psychiatric Nursing/ (18269)
- 44 ((admiral or psychiatric or mental health) adj4 nurs*).tw. (13567)
- 45 (triang* adj4 car*).tw. (913)
- 46 Partners in Dementia Care.tw. (11)
- 47 MIND at Home.tw. (8)
- 48 Medicare Alzheimer's Disease Demonstration.tw. (25)
- 49 or/21-48 (1332362)
- 50 20 and 49 (16761)
- 51 Meta-Analysis.pt. (189989)
- 52 Meta-Analysis as Topic/ (23531)
- 53 Review.pt. (3238381)
- 54 exp Review Literature as Topic/ (23922)
- 55 (metaanaly\$ or metanaly\$ or (meta adj3 analy\$)).tw. (288546)
- 56 (review\$ or overview\$).ti. (782693)
- 57 (systematic\$ adj5 (review\$ or overview\$)).tw. (335934)
- 58 ((quantitative\$ or qualitative\$) adj5 (review\$ or overview\$)).tw. (17752)
- 59 ((studies or trial\$) adj2 (review\$ or overview\$)).tw. (66804)
- 60 (integrat\$ adj3 (research or review\$ or literature)).tw. (18992)
- 61 (pool\$ adj2 (analy\$ or data)).tw. (45424)
- 62 (handsearch\$ or (hand adj3 search\$)).tw. (11699)

63 (manual\$ adj3 search\$).tw. (8864)
 64 or/51-63 (3742608)
 65 animals/ not humans/ (5137547)
 66 64 not 65 (3562749)
 67 50 and 66 (3698)
 68 Randomized Controlled Trial.pt. (603374)
 69 Controlled Clinical Trial.pt. (95455)
 70 Clinical Trial.pt. (539039)
 71 exp Clinical Trials as Topic/ (385901)
 72 Placebos/ (35934)
 73 Random Allocation/ (107040)
 74 Double-Blind Method/ (176679)
 75 Single-Blind Method/ (33051)
 76 Cross-Over Studies/ (55775)
 77 ((random\$ or control\$ or clinical\$) adj3 (trial\$ or stud\$)).tw. (1600381)
 78 (random\$ adj3 allocat\$).tw. (46405)
 79 placebo\$.tw. (251062)
 80 ((singl\$ or doubl\$ or trebl\$ or tripl\$) adj (blind\$ or mask\$)).tw. (200832)
 81 (crossover\$ or (cross adj over\$)).tw. (101725)
 82 or/68-81 (2448558)
 83 animals/ not humans/ (5137547)
 84 82 not 83 (2306434)
 85 50 and 84 (2551)
 86 67 or 85 (5524)
 87 limit 86 to yr="2016 -Current" (2998)

Database: Embase <1974 to 2023 November 17>

Search Strategy:

1 exp *Dementia/ (266825)
 2 (dementi* or pseudodementia).tw. (203320)
 3 (alzheimer* or alzeimer* or (cortical adj4 sclerosis)).tw. (252664)
 4 ((encephalopath* or cogniti* or neurocogniti*) adj4 (aids or hiv)).tw. (6675)
 5 ((aphasi* adj4 (primary or progress*)) or mesulam* or ppa or (ftd adj4 temporal)).tw. (10086)
 6 (((creutzfeldt or ja?ob*) adj4 (disease or syndrome)) or cjd or (spongiform adj4 encephalopath*) or "corticostriatospinal degeneration" or (pseudosclerosis adj4 spastic)).tw. (14501)
 7 (binswanger* or ((subcortic* or "sub cortic*" or arterisclerotic) adj4 (encephalopath* or leukoencephalopath*)) or cadasil*).tw. (3776)
 8 ((kosaka adj2 shibayama) or (neurofibrillary adj1 tangle*) or dntc).tw. (13386)
 9 (((frontotemporal or (fronto adj temporal) or (corticobasal or (cortico adj basal) or (frontal adj lobe))) adj4 (degenerati* or dysfunction)) or ftld or ftlds or ftd or ftds).tw. (18057)
 10 ((pick* adj1 (complex or disease* or syndrome)) or (wilhemsens adj1 lynch) or ddpac or (lob* adj4 atroph*)).tw. (7877)
 11 (huntington* or ((progressive or major or juvenile or hereditary) adj4 chorea)).tw. (28535)
 12 (((kluver or kluever) adj4 bu?y) or (("temporal lobectomy" adj4 behavi*) or ("temporal lobe" adj4 dysfunction))).tw. (805)
 13 ("lewy bod*" or dlb or lbd or dlbd).tw. (21688)
 14 ("senile confusion" or "senile psychosis" or senilit*).tw. (947)
 15 *tauopathy/ (3090)
 16 tauopath*.tw. (8125)
 17 cerad.tw. (1762)
 18 (Posterior adj cortic* adj atroph*).tw. (971)
 19 sivd.tw. (245)

20 or/1-19 (480239)
 21 *patient care planning/ (9332)
 22 *health care planning/ (37476)
 23 *case management/ (5642)
 24 *cooperation/ (15545)
 25 *collaborative care team/ (803)
 26 integrated health care system/ (13715)
 27 exp *community care/ (60154)
 28 exp *mental health service/ (31665)
 29 *health care personnel management/ (625)
 30 exp *nursing home/ (28775)
 31 *home for the aged/ (6198)
 32 "organization and management"/ (426347)
 33 or/26-31 (135900)
 34 32 and 33 (31277)
 35 21 or 22 or 23 or 24 or 25 or 34 (97683)
 36 ((car* or case or treat* or support) adj4 (plan* or coordinat* or co-ordinat* or manag* or consult* or facilitat* or shar* or collaborat* or harmoni* or integrat* or program* or cooperat* or co-operat* or continuity or team* or coalition*)).tw. (974443)
 37 ((coordinat* or co-ordinat* or harmoni* or integrat* or cooperat* or co-operat* or collaborat* or coalition*) adj4 (resource* or asset* or means or service* or program* or agenc* or project*)).tw. (87577)
 38 (car* adj4 (goal* or objective* or target*)).tw. (165486)
 39 *interdisciplinary communication/ (4283)
 40 *public relations/ (28387)
 41 ((interdisciplin* or inter-disciplin* or multidisciplin* or multi-disciplin* or interprofession* or inter-profession* or transdisciplin* or trans-disciplin* or cross-disciplin*) adj4 (car* or collaborat* or communicat* or relation* or social* or work* or network* or coalition* or approach*)).tw. (121965)
 42 *disease management/ (6336)
 43 exp *self care/ (34729)
 44 ((diseas* or illness or condition or disorder*) adj2 management).tw. (45347)
 45 ((self or patient cent* or patient-cent*) adj4 (car* or manag* or treat*)).tw. (133833)
 46 (whole adj4 (system or care)).tw. (15155)
 47 psychiatric nursing/ (15793)
 48 ((admiral or psychiatric or mental health) adj4 nurs*).tw. (13771)
 49 (triang* adj4 car*).tw. (1035)
 50 Partners in Dementia Care.tw. (10)
 51 MIND at Home.tw. (24)
 52 Medicare Alzheimer's Disease Demonstration.tw. (23)
 53 or/35-52 (1523886)
 54 20 and 53 (22643)
 55 Clinical-Trial/ or Randomized-Controlled-Trial/ or Randomization/ or Single-Blind-Procedure/ or Double-Blind-Procedure/ or Crossover-Procedure/ or Prospective-Study/ or Placebo/ (2572989)
 56 (((clinical or control or controlled) adj (study or trial)) or ((single or double or triple) adj (blind\$3 or mask\$3)) or (random\$ adj (assign\$ or allocat\$ or group or grouped or patients or study or trial or distribut\$)) or (crossover adj (design or study or trial)) or placebo or placebos).ti,ab. (1390904)
 57 55 or 56 (3117696)
 58 animal/ not human/ (1203515)
 59 57 not 58 (3072733)
 60 "meta analysis (topic)"/ or meta analysis/ (346706)
 61 "systematic review"/ or "systematic review (topic)"/ (468483)
 62 (metaanaly\$ or metanaly\$ or (meta adj3 analy\$)).tw. (366294)
 63 (review\$ or overview\$).ti. (895515)
 64 (systematic\$ adj5 (review\$ or overview\$)).tw. (407405)
 65 ((quantitative\$ or qualitative\$) adj5 (review\$ or overview\$)).tw. (21326)

66 ((studies or trial\$) adj2 (review\$ or overview\$)).tw. (80242)
67 (integrat\$ adj3 (research or review\$ or literature)).tw. (21693)
68 (pool\$ adj2 (analy\$ or data)).tw. (66996)
69 (handsearch\$ or (hand adj3 search\$)).tw. (14228)
70 (manual\$ adj3 search\$).tw. (10630)
71 or/60-70 (1398314)
72 animals/ not humans/ (1082328)
73 71 not 72 (1387774)
74 54 and 73 (2069)
75 54 and 59 (3008)
76 74 or 75 (4810)
77 limit 76 to yr="2016 -Current" (3036)
78 limit 77 to italian (1)
79 limit 77 to english language (2998)
80 78 or 79 (2999)

Review question 7b

What are the most effective methods of care planning, focusing upon improving outcomes for people with Mild cognitive impairment (MCI) and their carers?

Number of records per database

Database	Records
Cochrane Database of Systematic Reviews	16
CENTRAL	763
MEDLINE	824
Embase	686
Total (Database)	2289
Total (Database) after removing duplicates	1762

Filters: Systematic review, RCT

Cochrane Library (issue 11, 2023)

- #1 MeSH descriptor: [Cognitive Dysfunction] this term only 3070
- #2 (mild cogniti* NEAR/3 (dysfunction* or disorder* or impair* or declin* or deteriorat* or decrement*)):ti,ab 5981
- #3 MCI:ti,ab 3589
- #4 #1 OR #2 OR #3 8762
- #5 MeSH descriptor: [Patient Care Planning] explode all trees 2309
- #6 MeSH descriptor: [Health Planning] explode all trees 5919
- #7 MeSH descriptor: [Case Management] explode all trees 905
- #8 MeSH descriptor: [Cooperative Behavior] explode all trees 1100
- #9 MeSH descriptor: [Patient Care Team] explode all trees 2060
- #10 MeSH descriptor: [Delivery of Health Care, Integrated] explode all trees 520
- #11 MeSH descriptor: [Community Health Services] explode all trees and with qualifier(s): [organization & administration - OG] 1634
- #12 MeSH descriptor: [Mental Health Services] explode all trees and with qualifier(s): [organization & administration - OG] 481
- #13 MeSH descriptor: [Patient Care Management] explode all trees and with qualifier(s): [organization & administration - OG] 2430
- #14 MeSH descriptor: [Nursing Homes] explode all trees 1838
- #15 MeSH descriptor: [Homes for the Aged] explode all trees 742
- #16 ((car* or case or treat* or support) NEAR/4 (plan* or coordinat* or co-ordinat* or manag* or consult* or facilitat* or shar* or collaborat* or harmoni* or integrat* or program* or cooperat* or co-operat* or continuity or team* or coalition*)):ti,ab 80747
- #17 ((coordinat* or co-ordinat* or harmoni* or integrat* or cooperat* or co-operat* or collaborat* or coalition*) NEAR/4 (resource* or asset* or means or service* or program* or agenc* or project*)):ti,ab 5798
- #18 (car* NEAR/4 (goal* or objective* or target*)):ti,ab 12658
- #19 MeSH descriptor: [Interdisciplinary Communication] explode all trees 321
- #20 MeSH descriptor: [Interprofessional Relations] explode all trees 730
- #21 ((interdisciplin* or inter-disciplin* or multidisciplin* or multi-disciplin* or interprofession* or interprofession* or transdisciplin* or trans-disciplin* or cross-disciplin*) NEAR/4 (car* or collaborat* or communicat* or relation* or social* or work* or network* or coalition* or approach*)):ti,ab 3720
- #22 MeSH descriptor: [Disease Management] explode all trees 6530
- #23 MeSH descriptor: [Self Care] explode all trees 7621

#24	((diseas* or illness or condition or disorder*) NEAR/2 management):ti,ab	4621	
#25	((self or (patient NEXT cent*) or patient-cent*) NEAR/4 (car* or manag* or treat*)):ti,ab		26373
#26	(whole NEAR/4 (system or care)):ti,ab	438	
#27	MeSH descriptor: [Psychiatric Nursing] explode all trees	240	
#28	((admiral or psychiatric or mental health) NEAR/4 nurs*):ti,ab	3795	
#29	(triang* NEAR/4 car*):ti,ab	44	
#30	"Partners in Dementia Care"	7	
#31	"MIND at Home"	13	
#32	"Medicare Alzheimer's Disease Demonstration"	9	
#33	{OR #5-#32}	136016	
#34	#4 AND #33 in Cochrane Reviews	16	
#35	#4 AND #33 in Trials	763	

Database: Ovid MEDLINE(R) ALL <1946 to November 17, 2023>

Search Strategy:

- 1 Cognitive Dysfunction/ (37417)
- 2 (mild cogniti* adj3 (dysfunction* or disorder* or impair* or declin* or deteriorat* or decrement*)):ti,ab,kf. (26110)
- 3 MCI.ti,ab. (23532)
- 4 1 or 2 or 3 (59322)
- 5 Patient Care Planning/ (39543)
- 6 Health Planning/ (21992)
- 7 Case Management/ (10676)
- 8 Cooperative Behavior/ (46146)
- 9 Patient Care Team/ (69649)
- 10 exp "Delivery of Health Care, Integrated"/ (14520)
- 11 exp Community Health Services/og (45405)
- 12 exp Mental Health Services/og (15172)
- 13 exp Patient Care Management/og (106228)
- 14 exp Nursing Homes/og (5969)
- 15 Homes for the Aged/og (1657)
- 16 ((car* or case or treat* or support) adj4 (plan* or coordinat* or co-ordinat* or manag* or consult* or facilitat* or shar* or collaborat* or harmoni* or integrat* or program* or cooperat* or co-operat* or continuity or team* or coalition*)):tw. (694502)
- 17 ((coordinat* or co-ordinat* or harmoni* or integrat* or cooperat* or co-operat* or collaborat* or coalition*) adj4 (resource* or asset* or means or service* or program* or agenc* or project*)):tw. (65550)
- 18 (car* adj4 (goal* or objective* or target*)):tw. (93056)
- 19 Interdisciplinary Communication/ (18147)
- 20 Interprofessional Relations/ (53470)
- 21 ((interdisciplin* or inter-disciplin* or multidisciplin* or multi-disciplin* or interprofession* or interprofession* or transdisciplin* or trans-disciplin* or cross-disciplin*) adj4 (car* or collaborat* or communicat* or relation* or social* or work* or network* or coalition* or approach*)):tw. (80348)
- 22 Disease Management/ (43051)
- 23 exp Self Care/ (62772)
- 24 ((diseas* or illness or condition or disorder*) adj2 management).tw. (31970)
- 25 ((self or patient cent* or patient-cent*) adj4 (car* or manag* or treat*)):tw. (97478)
- 26 (whole adj4 (system or care)).tw. (11667)
- 27 Psychiatric Nursing/ (18269)
- 28 ((admiral or psychiatric or mental health) adj4 nurs*):tw. (13567)
- 29 (triang* adj4 car*):tw. (913)
- 30 Partners in Dementia Care.tw. (11)
- 31 MIND at Home.tw. (8)
- 32 Medicare Alzheimer's Disease Demonstration.tw. (25)
- 33 or/5-32 (1332362)
- 34 4 and 33 (2297)

35 Randomized Controlled Trial.pt. (603374)
 36 Controlled Clinical Trial.pt. (95455)
 37 Clinical Trial.pt. (539039)
 38 exp Clinical Trials as Topic/ (385901)
 39 Placebos/ (35934)
 40 Random Allocation/ (107040)
 41 Double-Blind Method/ (176679)
 42 Single-Blind Method/ (33051)
 43 Cross-Over Studies/ (55775)
 44 ((random\$ or control\$ or clinical\$) adj3 (trial\$ or stud\$)).tw. (1600381)
 45 (random\$ adj3 allocat\$).tw. (46405)
 46 placebo\$.tw. (251062)
 47 ((singl\$ or doubl\$ or trebl\$ or tripl\$) adj (blind\$ or mask\$)).tw. (200832)
 48 (crossover\$ or (cross adj over\$)).tw. (101725)
 49 or/35-48 (2448558)
 50 animals/ not humans/ (5137547)
 51 49 not 50 (2306434)
 52 34 and 51 (445)
 53 Meta-Analysis.pt. (189989)
 54 Meta-Analysis as Topic/ (23531)
 55 Review.pt. (3238381)
 56 exp Review Literature as Topic/ (23922)
 57 (metaanaly\$ or metanaly\$ or (meta adj3 analy\$)).tw. (288546)
 58 (review\$ or overview\$).ti. (782693)
 59 (systematic\$ adj5 (review\$ or overview\$)).tw. (335934)
 60 ((quantitative\$ or qualitative\$) adj5 (review\$ or overview\$)).tw. (17752)
 61 ((studies or trial\$) adj2 (review\$ or overview\$)).tw. (66804)
 62 (integrat\$ adj3 (research or review\$ or literature)).tw. (18992)
 63 (pool\$ adj2 (analy\$ or data)).tw. (45424)
 64 (handsearch\$ or (hand adj3 search\$)).tw. (11699)
 65 (manual\$ adj3 search\$).tw. (8864)
 66 or/53-65 (3742608)
 67 animals/ not humans/ (5137547)
 68 66 not 67 (3562749)
 69 34 and 68 (522)
 70 52 or 69 (857)
 71 limit 70 to italian (0)
 72 limit 70 to english language (824)

Database: Embase <1974 to 2023 November 17>

Strategia di Ricerca:

1 mild cognitive impairment/ (37765)
 2 (mild cogniti* adj3 (dysfunction* or disorder* or impair* or declin* or deteriorat* or decrement*)).ti,ab. (38201)
 3 MCI.ti,ab. (41922)
 4 1 or 2 or 3 (65013)
 5 patient care planning/ (29084)
 6 *health care planning/ (37476)
 7 case management/ (13773)
 8 *integrated health care system/ (6853)
 9 exp *community care/ (60154)
 10 exp *mental health service/ (31665)
 11 exp *patient care/ (214358)
 12 *nursing home/ (28775)

- 13 home for the aged/ (11590)
- 14 ((car* or case or treat* or support) adj4 (plan* or coordinat* or co-ordinat* or manag* or consult* or facilitat* or shar* or collaborat* or harmoni* or integrat* or program* or cooperat* or co-operat* or continuity or team* or coalition*)).tw. (974443)
- 15 ((coordinat* or co-ordinat* or harmoni* or integrat* or cooperat* or co-operat* or collaborat* or coalition*) adj4 (resource* or asset* or means or service* or program* or agenc* or project*)).tw. (87577)
- 16 (car* adj4 (goal* or objective* or target*)).tw. (165486)
- 17 interdisciplinary communication/ (13686)
- 18 Interprofessional Relations.mp. (642)
- 19 ((interdisciplin* or inter-disciplin* or multidisciplin* or multi-disciplin* or interprofession* or inter-profession* or transdisciplin* or trans-disciplin* or cross-disciplin*) adj4 (car* or collaborat* or communicat* or relation* or social* or work* or network* or coalition* or approach*)).tw. (121965)
- 20 *disease management/ (6336)
- 21 exp *self care/ (34729)
- 22 ((diseas* or illness or condition or disorder*) adj2 management).tw. (45347)
- 23 ((self or patient cent* or patient-cent*) adj4 (car* or manag* or treat*)).tw. (133833)
- 24 (whole adj4 (system or care)).tw. (15155)
- 25 *psychiatric nursing/ (11550)
- 26 ((admiral or psychiatric or mental health) adj4 nurs*).tw. (13771)
- 27 (triang* adj4 car*).tw. (1035)
- 28 Partners in Dementia Care.tw. (10)
- 29 MIND at Home.tw. (24)
- 30 Medicare Alzheimer's Disease Demonstration.tw. (23)
- 31 or/5-30 (1747577)
- 32 4 and 31 (2819)
- 33 Clinical-Trial/ or Randomized-Controlled-Trial/ or Randomization/ or Single-Blind-Procedure/ or Double-Blind-Procedure/ or Crossover-Procedure/ or Prospective-Study/ or Placebo/ (2572989)
- 34 (((clinical or control or controlled) adj (study or trial)) or ((single or double or triple) adj (blind\$3 or mask\$3)) or (random\$ adj (assign\$ or allocat\$ or group or grouped or patients or study or trial or distribut\$)) or (crossover adj (design or study or trial)) or placebo or placebos).ti,ab. (1390904)
- 35 33 or 34 (3117696)
- 36 32 and 35 (505)
- 37 "meta analysis (topic)"/ or meta analysis/ (346706)
- 38 "systematic review"/ or "systematic review (topic)"/ (468483)
- 39 (metaanaly\$ or metanaly\$ or (meta adj3 analy\$)).tw. (366294)
- 40 (review\$ or overview\$).ti. (895515)
- 41 (systematic\$ adj5 (review\$ or overview\$)).tw. (407405)
- 42 ((quantitative\$ or qualitative\$) adj5 (review\$ or overview\$)).tw. (21326)
- 43 ((studies or trial\$) adj2 (review\$ or overview\$)).tw. (80242)
- 44 (integrat\$ adj3 (research or review\$ or literature)).tw. (21693)
- 45 (pool\$ adj2 (analy\$ or data)).tw. (66996)
- 46 (handsearch\$ or (hand adj3 search\$)).tw. (14228)
- 47 (manual\$ adj3 search\$).tw. (10630)
- 48 or/37-47 (1398314)
- 49 animals/ not humans/ (1082328)
- 50 48 not 49 (1387774)
- 51 32 and 50 (232)
- 52 36 or 51 (702)
- 53 limit 52 to english language (686)

Review question 8a

How should people living with dementia be reviewed post diagnosis?

Number of records per database

Database	Records
Cochrane Database of Systematic Reviews	33
CENTRAL	489
MEDLINE	2869
Embase	3953
Total (Database)	7344
Total (Database) after removing duplicates	5065

Cochrane Library issue 11, 2023

#1	MeSH descriptor: [Dementia] explode all trees	9336
#2	(dementi* OR pseudodementia):ti,ab	15623
#3	(alzheimer* OR alzeimer* OR (cortical NEAR/4 sclerosis)):ti,ab	12922
#4	((encephalopath* OR cogniti* OR neurocogniti*) NEAR/4 (aids OR hiv)):ti,ab	468
#5	((aphasi* NEAR/4 (primary OR progress*)) OR mesulam* OR ppa OR (ftd NEAR/4 temporal)):ti,ab	663
#6	((creutzfeldt OR jakob*) NEAR/4 (disease OR syndrome)) OR cjd OR (spongiform NEAR/4 encephalopath*) OR "corticostriatospinal degeneration" OR (pseudosclerosis NEAR/4 spastic):ti,ab	64
#7	(binswanger* OR ((subcortic* OR arterisclerotic) NEAR/4 (encephalopath* OR leukoencephalopath*)) OR cadasil*):ti,ab	45
#8	((sub NEXT cortic*) NEAR/4 (encephalopath* OR leukoencephalopath*)):ti,ab	0
#9	((kosaka NEAR/2 shibayama) OR (neurofibrillary NEXT tangle*) OR dntc):ti,ab	81
#10	((frontotemporal OR (fronto NEXT temporal) OR (corticobasal OR (cortico NEXT basal) OR (frontal NEXT lobe))) NEAR/4 (degenerati* OR dysfunction)) OR ftld OR ftlds OR ftd OR ftds):ti,ab	364
#11	(pick* NEAR/1 (complex OR disease* OR syndrome)):ti,ab	50
#12	((wilhemsen NEAR/1 lynch) OR ddpac OR (lob* NEAR/4 atroph*)):ti,ab	72
#13	(huntington* OR ((progressive OR major OR juvenile OR hereditary) NEAR/4 chorea)):ti,ab	757
#14	((kluver OR kluever) NEAR/4 bucy) OR (("temporal lobectomy" NEAR/4 behavi*) OR ("temporal lobe" NEAR/4 dysfunction)):ti,ab	14
#15	((lewy NEXT bod*) OR dlb OR lbd OR dlbd):ti,ab	537
#16	((senile NEXT confusion) OR (senile NEXT psychosis) OR senilit*):ti,ab	55
#17	MeSH descriptor: [Tauopathies] this term only	14
#18	tauopath*:ti,ab	54
#19	cerad:ti,ab	148
#20	Posterior NEXT cortic* NEXT atroph*	16
#21	sivd:ti,ab	16
#22	{OR #1-#21}	26099
#23	MeSH descriptor: [Continuity of Patient Care] this term only	737
#24	MeSH descriptor: [Patient Care Planning] this term only	749
#25	MeSH descriptor: [Delivery of Health Care] this term only	1381
#26	MeSH descriptor: [Family Practice] explode all trees	2246
#27	MeSH descriptor: [Ambulatory Care] this term only	3654
#28	MeSH descriptor: [Patient Care Team] this term only	2024
#29	((post or after or follow*) NEAR/4 (diagnos* or care or caring*)):ti,ab	29317
#30	(memory NEXT (clinic* or service*))	419

#31	{OR #23-#30}	39256	
#32	#22 AND #31 with Cochrane Library publication date from Jan 2017 to present, in Cochrane Reviews		33
#33	#22 AND #31 with Publication Year from 2017 to present, in Trials	489	

Database: Ovid MEDLINE(R) ALL <1946 to November 17, 2023>

Search Strategy:

- 1 exp Dementia/ (208883)
- 2 (dementi* or pseudodementia).tw. (141652)
- 3 (alzheimer* or alzeimer* or (cortical adj4 sclerosis)).tw. (187819)
- 4 ((encephalopath* or cogniti* or neurocogniti*) adj4 (aids or hiv)).tw. (4555)
- 5 ((aphasi* adj4 (primary or progress*)) or mesulam* or ppa or (ftd adj4 temporal)).tw. (6946)
- 6 (((creutzfeldt or ja?ob*) adj4 (disease or syndrome)) or cjd or (spongiform adj4 encephalopath*) or "corticostriatospinal degeneration" or (pseudosclerosis adj4 spastic)).tw. (11594)
- 7 (binswanger* or ((subcortic* or "sub cortic*" or arterisclerotic) adj4 (encephalopath* or leukoencephalopath*)) or cadasil*).tw. (2610)
- 8 ((kosaka adj2 shibayama) or (neurofibrillary adj1 tangle*) or dntc).tw. (10038)
- 9 (((frontotemporal or (fronto adj temporal) or (corticobasal or (cortico adj basal) or (frontal adj lobe))) adj4 (degenerati* or dysfunction)) or ftld or ftlds or ftd or ftlds).tw. (10783)
- 10 ((pick* adj1 (complex or disease* or syndrome)) or (wilhemsens adj1 lynch) or ddpac or (lob* adj4 atroph*)).tw. (5920)
- 11 (huntington* or ((progressive or major or juvenile or hereditary) adj4 chorea)).tw. (21144)
- 12 (((kluver or kluever) adj4 bu?y) or (("temporal lobectomy" adj4 behavi*) or ("temporal lobe" adj4 dysfunction))).tw. (622)
- 13 ("lewy bod*" or dlb or lbd or dlbd).tw. (14609)
- 14 ("senile confusion" or "senile psychosis" or senilit*).tw. (871)
- 15 Tauopathies/ (2659)
- 16 tauopath*.tw. (5239)
- 17 cerad.tw. (935)
- 18 (Posterior adj cortic* adj atroph*).tw. (552)
- 19 sivd.tw. (179)
- 20 or/1-19 (354183)
- 21 og.fs. (504597)
- 22 Continuity of Patient Care/ (20749)
- 23 Patient Care Planning/ (39543)
- 24 Delivery of Health Care/ (119352)
- 25 Primary health care/ (92521)
- 26 Family practice/ (67278)
- 27 General practice/ (15656)
- 28 Ambulatory care/ (46566)
- 29 Ambulatory care facilities/ (22519)
- 30 Patient care team/ (69649)
- 31 ((post or after or follow*) adj4 (diagnos* or care or caring*)).tw. (225919)
- 32 (memory adj1 (clinic* or service*)).tw. (2915)
- 33 or/21-32 (1073273)
- 34 20 and 33 (12916)
- 35 Animals/ not Humans/ (5137547)
- 36 34 not 35 (12880)
- 37 Randomized Controlled Trial.pt. (603374)
- 38 Controlled Clinical Trial.pt. (95455)
- 39 Clinical Trial.pt. (539039)
- 40 exp Clinical Trials as Topic/ (385901)
- 41 Placebos/ (35934)

42 Random Allocation/ (107040)
43 Double-Blind Method/ (176679)
44 Single-Blind Method/ (33051)
45 Cross-Over Studies/ (55775)
46 ((random\$ or control\$ or clinical\$) adj3 (trial\$ or stud\$)).tw. (1600381)
47 (random\$ adj3 allocat\$).tw. (46405)
48 placebo\$.tw. (251062)
49 ((singl\$ or doubl\$ or trebl\$ or tripl\$) adj (blind\$ or mask\$)).tw. (200832)
50 (crossover\$ or (cross adj over\$)).tw. (101725)
51 or/37-50 (2448558)
52 animals/ not humans/ (5137547)
53 51 not 52 (2306434)
54 36 and 53 (1504)
55 Meta-Analysis.pt. (189989)
56 Meta-Analysis as Topic/ (23531)
57 Review.pt. (3238381)
58 exp Review Literature as Topic/ (23922)
59 (metaanaly\$ or metanaly\$ or (meta adj3 analy\$)).tw. (288546)
60 (review\$ or overview\$).ti. (782693)
61 (systematic\$ adj5 (review\$ or overview\$)).tw. (335934)
62 ((quantitative\$ or qualitative\$) adj5 (review\$ or overview\$)).tw. (17752)
63 ((studies or trial\$) adj2 (review\$ or overview\$)).tw. (66804)
64 (integrat\$ adj3 (research or review\$ or literature)).tw. (18992)
65 (pool\$ adj2 (analy\$ or data)).tw. (45424)
66 (handsearch\$ or (hand adj3 search\$)).tw. (11699)
67 (manual\$ adj3 search\$).tw. (8864)
68 or/55-67 (3742608)
69 animals/ not humans/ (5137547)
70 68 not 69 (3562749)
71 36 and 70 (1771)
72 Observational Studies as Topic/ (9174)
73 Observational Study/ (148783)
74 Epidemiologic Studies/ (9426)
75 exp Case-Control Studies/ (1459071)
76 exp Cohort Studies/ (2541289)
77 Cross-Sectional Studies/ (483744)
78 Controlled Before-After Studies/ (741)
79 Historically Controlled Study/ (231)
80 Interrupted Time Series Analysis/ (1939)
81 Comparative Study.pt. (1913330)
82 case control\$.tw. (161713)
83 case series.tw. (106641)
84 (cohort adj (study or studies)).tw. (330691)
85 cohort analy\$.tw. (12335)
86 (follow up adj (study or studies)).tw. (57095)
87 (observational adj (study or studies)).tw. (168447)
88 longitudinal.tw. (331923)
89 prospective.tw. (731690)
90 retrospective.tw. (772373)
91 cross sectional.tw. (533391)
92 72 or 73 or 74 or 75 or 76 or 77 or 78 or 79 or 80 or 81 or 82 or 83 or 84 or 85 or 86 or 87 or 88 or 89 or 90 or 91 (5600071)
93 36 and 92 (4506)

94 54 or 71 or 93 (6739)

95 limit 94 to yr="2017 -Current" (2869)

Database: Embase <1974 to 2023 November 17>

Search Strategy:

1 exp *Dementia/ (266825)

2 (dementi* or pseudodementia).tw. (203320)

3 (alzheimer* or alzeimer* or (cortical adj4 sclerosis)).tw. (252664)

4 ((encephalopath* or cogniti* or neurocogniti*) adj4 (aids or hiv)).tw. (6675)

5 ((aphasi* adj4 (primary or progress*)) or mesulam* or ppa or (ftd adj4 temporal)).tw. (10086)

6 (((creutzfeldt or ja?ob*) adj4 (disease or syndrome)) or cjd or (spongiform adj4 encephalopath*) or "corticostriatal degeneration" or (pseudosclerosis adj4 spastic)).tw. (14501)

7 (binswanger* or ((subcortic* or "sub cortic*" or arterisclerotic) adj4 (encephalopath* or leukoencephalopath*)) or cadasil*).tw. (3776)

8 ((kosaka adj2 shibayama) or (neurofibrillary adj1 tangle*) or dntc).tw. (13386)

9 (((frontotemporal or (fronto adj temporal) or (corticobasal or (cortico adj basal) or (frontal adj lobe))) adj4 (degenerati* or dysfunction)) or ftld or ftlds or ftd or ftlds).tw. (18057)

10 ((pick* adj1 (complex or disease* or syndrome)) or (wilhemsen adj1 lynch) or ddpac or (lob* adj4 atroph*)).tw. (7877)

11 (huntington* or ((progressive or major or juvenile or hereditary) adj4 chorea)).tw. (28535)

12 (((kluver or kluever) adj4 bu?y) or (("temporal lobectomy" adj4 behavi*) or ("temporal lobe" adj4 dysfunction))).tw. (805)

13 ("lewy bod*" or dlb or lbd or dlbd).tw. (21688)

14 ("senile confusion" or "senile psychosis" or senilit*).tw. (947)

15 *tauopathy/ (3090)

16 tauopath*.tw. (8125)

17 cerad.tw. (1762)

18 (Posterior adj cortic* adj atroph*).tw. (971)

19 sivd.tw. (245)

20 or/1-19 (480239)

21 *patient care/ (81878)

22 patient care planning/ (29084)

23 health care delivery/ (210039)

24 primary health care/ (79912)

25 general practice/ (85698)

26 ambulatory care/ (41906)

27 outpatient department/ (87030)

28 *patient care/ (81878)

29 ((post or after or follow*) adj4 (diagnos* or care or caring*)).tw. (373398)

30 (memory adj1 (clinic* or service*)).tw. (4827)

31 or/21-30 (935262)

32 20 and 31 (16573)

33 "meta analysis (topic)"/ or meta analysis/ (346706)

34 "systematic review"/ or "systematic review (topic)"/ (468483)

35 (metaanaly\$ or metanaly\$ or (meta adj3 analy\$)).tw. (366294)

36 (review\$ or overview\$).ti. (895515)

37 (systematic\$ adj5 (review\$ or overview\$)).tw. (407405)

38 ((quantitative\$ or qualitative\$) adj5 (review\$ or overview\$)).tw. (21326)

39 ((studies or trial\$) adj2 (review\$ or overview\$)).tw. (80242)

40 (integrat\$ adj3 (research or review\$ or literature)).tw. (21693)

41 (pool\$ adj2 (analy\$ or data)).tw. (66996)

42 (handsearch\$ or (hand adj3 search\$)).tw. (14228)

43 (manual\$ adj3 search\$).tw. (10630)

44 or/33-43 (1398314)

45 animal/ not human/ (1203515)
46 44 not 45 (1386564)
47 32 and 46 (945)
48 Clinical-Trial/ or Randomized-Controlled-Trial/ or Randomization/ or Single-Blind-Procedure/ or Double-Blind-Procedure/ or Crossover-Procedure/ or Prospective-Study/ or Placebo/ (2572989)
49 (((clinical or control or controlled) adj (study or trial)) or ((single or double or triple) adj (blind\$3 or mask\$3)) or (random\$ adj (assign\$ or allocat\$ or group or grouped or patients or study or trial or distribut\$)) or (crossover adj (design or study or trial)) or placebo or placebos).ti,ab. (1390904)
50 48 or 49 (3117696)
51 animal/ not human/ (1203515)
52 50 not 51 (3072733)
53 32 and 52 (2033)
54 Observational Study/ (344572)
55 epidemiology/ (246708)
56 exp case control study/ (227755)
57 exp cohort analysis/ (1072932)
58 cross-sectional study/ (593126)
59 Controlled Before-After.mp. (535)
60 Historically Controlled Study.mp. (97)
61 Interrupted Time Series Analysis.mp. (3324)
62 comparative study/ (1034277)
63 case control\$.tw. (213740)
64 case series.tw. (150152)
65 (cohort adj (study or studies)).tw. (476498)
66 cohort analy\$.tw. (19868)
67 (follow up adj (study or studies)).tw. (74510)
68 (observational adj (study or studies)).tw. (261032)
69 longitudinal.tw. (448552)
70 prospective.tw. (1117392)
71 retrospective.tw. (1280179)
72 cross sectional.tw. (695493)
73 or/54-72 (5474320)
74 animal/ not human/ (1203515)
75 73 not 74 (5346118)
76 32 and 75 (5567)
77 47 or 53 or 76 (7137)
78 limit 77 to yr="2017 -Current" (3953)

Review question 8b

How should people living with Mild cognitive impairment (MCI) be reviewed post diagnosis?

Number of records per database

Database	Records
Cochrane Database od Systematic Reviews	42
CENTRAL	817
MEDLINE	1705
Embase	1715
Total (Database)	4279
Total (Database) after removing duplicates	2789

Filters: Systematic review, RCT, observational studies

Cochrane Libaray (issue 11, 2022)

#1	MeSH descriptor: [Cognitive Dysfunction] this term only	3070
#2	(cogniti* NEAR/3 (dysfunction* or disorder* or impair* or declin* or deteriorat* or decrement*)):ti,ab	21977
#3	MCI:ti,ab	3589
#4	#1 OR #2 OR #3	23467
#5	MeSH descriptor: [Continuity of Patient Care] this term only	737
#6	MeSH descriptor: [Patient Care Planning] this term only	749
#7	MeSH descriptor: [Delivery of Health Care] this term only	1381
#8	MeSH descriptor: [Family Practice] explode all trees	2246
#9	MeSH descriptor: [Ambulatory Care] this term only	3654
#10	MeSH descriptor: [Patient Care Team] this term only	2024
#11	((post or after or follow*) NEAR/4 (diagnos* or care or caring*)):ti,ab	29317
#12	(memory NEXT (clinic* or service*))	419
#13	{OR #5-#12}	39256
#14	#4 AND #13 in Cochrane Reviews	42
#15	#4 AND #13 in Trials	817

Database: Ovid MEDLINE(R) ALL <1946 to November 17, 2023>

Search Strategy:

- 1 Cognitive Dysfunction/ (37417)
- 2 (mild cogniti* adj3 (dysfunction* or disorder* or impair* or declin* or deteriorat* or decrement*)):ti,ab,kf. (26110)
- 3 MCI.ti,ab. (23532)
- 4 1 or 2 or 3 (59322)
- 5 og.fs. (504597)
- 6 Continuity of Patient Care/ (20749)
- 7 Patient Care Planning/ (39543)
- 8 Delivery of Health Care/ (119352)
- 9 Primary health care/ (92521)
- 10 Family practice/ (67278)
- 11 General practice/ (15656)
- 12 Ambulatory care/ (46566)
- 13 Ambulatory care facilities/ (22519)
- 14 Patient care team/ (69649)

15 ((post or after or follow*) adj4 (diagnos* or care or caring*)).tw. (225919)
16 (memory adj1 (clinic* or service*)).tw. (2915)
17 or/5-16 (1073273)
18 4 and 17 (2790)
19 Meta-Analysis.pt. (189989)
20 Meta-Analysis as Topic/ (23531)
21 Review.pt. (3238381)
22 exp Review Literature as Topic/ (23922)
23 (metaanaly\$ or metanaly\$ or (meta adj3 analy\$)).tw. (288546)
24 (review\$ or overview\$).ti. (782693)
25 (systematic\$ adj5 (review\$ or overview\$)).tw. (335934)
26 ((quantitative\$ or qualitative\$) adj5 (review\$ or overview\$)).tw. (17752)
27 ((studies or trial\$) adj2 (review\$ or overview\$)).tw. (66804)
28 (integrat\$ adj3 (research or review\$ or literature)).tw. (18992)
29 (pool\$ adj2 (analy\$ or data)).tw. (45424)
30 (handsearch\$ or (hand adj3 search\$)).tw. (11699)
31 (manual\$ adj3 search\$).tw. (8864)
32 or/19-31 (3742608)
33 animals/ not humans/ (5137547)
34 32 not 33 (3562749)
35 18 and 34 (284)
36 Randomized Controlled Trial.pt. (603374)
37 Controlled Clinical Trial.pt. (95455)
38 Clinical Trial.pt. (539039)
39 exp Clinical Trials as Topic/ (385901)
40 Placebos/ (35934)
41 Random Allocation/ (107040)
42 Double-Blind Method/ (176679)
43 Single-Blind Method/ (33051)
44 Cross-Over Studies/ (55775)
45 ((random\$ or control\$ or clinical\$) adj3 (trial\$ or stud\$)).tw. (1600381)
46 (random\$ adj3 allocat\$).tw. (46405)
47 placebo\$.tw. (251062)
48 ((singl\$ or doubl\$ or trebl\$ or tripl\$) adj (blind\$ or mask\$)).tw. (200832)
49 (crossover\$ or (cross adj over\$)).tw. (101725)
50 or/36-49 (2448558)
51 animals/ not humans/ (5137547)
52 50 not 51 (2306434)
53 18 and 52 (355)
54 Observational Studies as Topic/ (9174)
55 Observational Study/ (148783)
56 Epidemiologic Studies/ (9426)
57 exp Case-Control Studies/ (1459071)
58 exp Cohort Studies/ (2541289)
59 Cross-Sectional Studies/ (483744)
60 Controlled Before-After Studies/ (741)
61 Historically Controlled Study/ (231)
62 Interrupted Time Series Analysis/ (1939)
63 Comparative Study.pt. (1913330)
64 case control\$.tw. (161713)
65 case series.tw. (106641)
66 (cohort adj (study or studies)).tw. (330691)
67 cohort analy\$.tw. (12335)
68 (follow up adj (study or studies)).tw. (57095)

- 69 (observational adj (study or studies)).tw. (168447)
- 70 longitudinal.tw. (331923)
- 71 prospective.tw. (731690)
- 72 retrospective.tw. (772373)
- 73 cross sectional.tw. (533391)
- 74 or/54-73 (5600071)
- 75 animals/ not humans/ (5137547)
- 76 74 not 75 (5107895)
- 77 18 and 76 (1331)
- 78 35 or 53 or 77 (1705)

Database: Embase <1974 to 2023 November 17>

Search Strategy:

- 1 mild cognitive impairment/ (37765)
- 2 (mild cogniti* adj3 (dysfunction* or disorder* or impair* or declin* or deteriorat* or decrement*)).ti,ab. (38201)
- 3 MCI.ti,ab. (41922)
- 4 1 or 2 or 3 (65013)
- 5 *patient care/ (81878)
- 6 patient care planning/ (29084)
- 7 health care delivery/ (210039)
- 8 primary health care/ (79912)
- 9 general practice/ (85698)
- 10 ambulatory care/ (41906)
- 11 outpatient department/ (87030)
- 12 *patient care/ (81878)
- 13 ((post or after or follow*) adj4 (diagnos* or care or caring*)).tw. (373398)
- 14 (memory adj1 (clinic* or service*)).tw. (4827)
- 15 or/5-14 (935262)
- 16 4 and 15 (3580)
- 17 "meta analysis (topic)"/ or meta analysis/ (346706)
- 18 "systematic review"/ or "systematic review (topic)"/ (468483)
- 19 (metaanaly\$ or metanaly\$ or (meta adj3 analy\$)).tw. (366294)
- 20 (review\$ or overview\$).ti. (895515)
- 21 (systematic\$ adj5 (review\$ or overview\$)).tw. (407405)
- 22 ((quantitative\$ or qualitative\$) adj5 (review\$ or overview\$)).tw. (21326)
- 23 ((studies or trial\$) adj2 (review\$ or overview\$)).tw. (80242)
- 24 (integrat\$ adj3 (research or review\$ or literature)).tw. (21693)
- 25 (pool\$ adj2 (analy\$ or data)).tw. (66996)
- 26 (handsearch\$ or (hand adj3 search\$)).tw. (14228)
- 27 (manual\$ adj3 search\$).tw. (10630)
- 28 or/17-27 (1398314)
- 29 animal/ not human/ (1203515)
- 30 28 not 29 (1386564)
- 31 16 and 30 (161)
- 32 Clinical-Trial/ or Randomized-Controlled-Trial/ or Randomization/ or Single-Blind-Procedure/ or Double-Blind-Procedure/ or Crossover-Procedure/ or Prospective-Study/ or Placebo/ (2572989)
- 33 (((clinical or control or controlled) adj (study or trial)) or ((single or double or triple) adj (blind\$3 or mask\$3)) or (random\$ adj (assign\$ or allocat\$ or group or grouped or patients or study or trial or distribut\$)) or (crossover adj (design or study or trial)) or placebo or placebos).ti,ab. (1390904)
- 34 32 or 33 (3117696)
- 35 animal/ not human/ (1203515)
- 36 34 not 35 (3072733)
- 37 16 and 36 (509)
- 38 Observational Study/ (344572)

39 epidemiology/ (246708)
40 exp case control study/ (227755)
41 exp cohort analysis/ (1072932)
42 cross-sectional study/ (593126)
43 Controlled Before-After.mp. (535)
44 Historically Controlled Study.mp. (97)
45 Interrupted Time Series Analysis.mp. (3324)
46 comparative study/ (1034277)
47 case control\$.tw. (213740)
48 case series.tw. (150152)
49 (cohort adj (study or studies)).tw. (476498)
50 cohort analy\$.tw. (19868)
51 (follow up adj (study or studies)).tw. (74510)
52 (observational adj (study or studies)).tw. (261032)
53 longitudinal.tw. (448552)
54 prospective.tw. (1117392)
55 retrospective.tw. (1280179)
56 cross sectional.tw. (695493)
57 or/38-56 (5474320)
58 animal/ not human/ (1203515)
59 57 not 58 (5346118)
60 16 and 59 (1476)
61 31 or 37 or 60 (1765)
62 limit 61 to yr="1999 -Current" (1747)
63 limit 62 to italian (0)
64 limit 62 to english language (1715)

Review question 9

What effect does training for staff working with people living with dementia have upon the experiences of people living with dementia in their care?

Number of records per database

Database	Records
CENTRAL	2926
MEDLINE	2133
Embase	1983
Total (Database)	7042
Total (Database) after removing duplicates	3809

Filters: RCT

Cochrane Library issue 11, 2023

#1	MeSH descriptor: [Dementia] explode all trees	9336	
#2	MeSH descriptor: [Delirium] this term only	1269	
#3	MeSH descriptor: [Wernicke Encephalopathy] explode all trees	6	
#4	dement*:ti,ab	16035	
#5	alzheimer*:ti,ab	12901	
#6	(lewy* NEAR/2 bod*):ti,ab	464	
#7	deliri*:ti	2366	
#8	(chronic NEAR/2 cerebrovascular):ti,ab,kw	735	
#9	("organic brain disease" or "organic brain syndrome"):ti,ab,kw	153	
#10	((normal NEXT pressure NEXT hydrocephalus) and shunt*):ti,ab,kw	101	
#11	(benign NEXT senescent NEXT forgetfulness):ti,ab,kw	2	
#12	(cerebr* NEAR/2 deteriorat*):ti,ab,kw	22	
#13	(cerebral* NEAR/2 insufficient*):ti,ab,kw	3	
#14	(pick* NEAR/2 disease):ti,ab,kw	128	
#15	huntington*:ti,ab	757	
#16	binswanger*:ti,ab	6	
#17	korsako*:ti,ab	70	
#18	{OR #1-#17}	28549	
#19	(cognit* NEXT impair*):ti	4418	
#20	MeSH descriptor: [Cognition Disorders] this term only	4013	
#21	MCI:ti,ab	3589	
#22	ACMI:ti,ab	18	
#23	ARCD:ti,ab	11	
#24	SMC:ti,ab	519	
#25	CIND:ti,ab	46	
#26	BSF:ti,ab	73	
#27	AAMI:ti,ab	67	
#28	MD:ti	324	
#29	LCD:ti,ab	449	
#30	QD:ti	415	
#31	AACD:ti,ab	20	
#32	MNCD:ti,ab	15	
#33	MCD:ti,ab	173	
#34	("N-MCI" or "A-MCI" or "M-MCI"):ti,ab	679	

#35 ((cognit* or memory or cerebr* or mental*) NEAR/3 (declin* or impair* or los* or deteriorat* or degenerat* or complain* or disturb* or disorder*)):ti,ab 35706

#36 (preclinical NEXT AD) 106

#37 "pre-clinical AD" 35

#38 ((preclinical NEXT alzheimer*) or ("pre-clinical" NEXT alzheimer*)):ti,ab 95

#39 (aMCI or MCIa):ti,ab 267

#40 ("CDR 0.5" or "clinical dementia rating scale 0.5"):ti,ab 103

#41 ("GDS 3" or "stage 3 GDS"):ti,ab 18

#42 ((global NEXT deterioration NEXT scale) and (stage NEXT 3)):ti,ab 2

#43 (Benign NEXT senescent NEXT forgetfulness):ti,ab 2

#44 mild neurocognit* disorder* 418

#45 (prodrom* NEAR/2 dement*):ti,ab 28

#46 (episodic* NEAR/2 memory):ti,ab 1201

#47 ((preclinical NEXT dementia) or ("pre-clinical" NEXT dementia)):ti,ab,kw 3

#48 {OR #19-#47} 41346

#49 #18 OR #48 61011

#50 ((educat* or train* or teach*) NEAR/3 (program* or intervention* or course* or workshop* or seminar*)):ti,ab 53255

#51 MeSH descriptor: [Education, Medical] explode all trees 4105

#52 MeSH descriptor: [Education, Medical, Continuing] explode all trees 829

#53 MeSH descriptor: [Teaching] this term only 2292

#54 workshop*:ti,ab 4869

#55 (e-tutorial* OR ("electronic" NEXT tutorial*) OR ("web-based" NEXT tutorial*)) 31

#56 (clinical NEAR/3 guideline*):ti,ab 5249

#57 ("decision-support software" OR (decision NEAR/3 (software OR computer OR web*))):ti,ab 554

#58 (group NEXT learning):ti,ab 142

#59 MeSH descriptor: [Computer-Assisted Instruction] explode all trees and with qualifier(s): [methods - MT, standards - ST] 593

#60 MeSH descriptor: [Decision Support Techniques] this term only 1250

#61 (self NEXT directed NEXT learning) 292

#62 {OR #50-#61} 67271

#63 #49 AND #62 with Publication Year from 2016 to present, in Trials 2926

Database: Ovid MEDLINE(R) ALL <1946 to November 17, 2023>

Search Strategy:

- 1 exp Dementia/ (208883)
- 2 Delirium/ (12368)
- 3 Wernicke Encephalopathy/ (1914)
- 4 Delirium, Dementia, Amnestic, Cognitive Disorders/ (9795)
- 5 dement*.mp. (168590)
- 6 alzheimer*.mp. (206896)
- 7 (lewy* adj2 bod*).mp. (12880)
- 8 deliri*.mp. (25071)
- 9 (chronic adj2 cerebrovascular).mp. (820)
- 10 ("organic brain disease" or "organic brain syndrome").mp. (817)
- 11 ("normal pressure hydrocephalus" and "shunt*").mp. (1797)
- 12 "benign senescent forgetfulness".mp. (18)
- 13 (cerebr* adj2 deteriorat*).mp. (266)
- 14 (cerebral* adj2 insufficient*).mp. (95)
- 15 (pick* adj2 disease).mp. (4512)
- 16 (creutzfeldt or jcd or cjd).mp. (9400)
- 17 huntington*.mp. (22980)
- 18 binswanger*.mp. (608)
- 19 korsako*.mp. (1861)

20 or/1-19 (378671)
 21 "cognit* impair*".mp. (97260)
 22 exp *Cognition Disorders/ (92273)
 23 MCI.ti,ab. (23532)
 24 ACMI.ti,ab. (149)
 25 ARCD.ti,ab. (125)
 26 SMC.ti,ab. (11133)
 27 CIND.ti,ab. (393)
 28 BSF.ti,ab. (1241)
 29 AAMI.ti,ab. (676)
 30 MD.ti,ab. (91626)
 31 LCD.ti,ab. (2739)
 32 QD.ti,ab. (10927)
 33 AACD.ti,ab. (97)
 34 MNCD.ti,ab. (58)
 35 MCD.ti,ab. (5349)
 36 ("N-MCI" or "A-MCI" or "M-MCI").ti,ab. (267)
 37 ((cognit* or memory or cerebr* or mental*) adj3 (declin* or impair* or los* or deteriorat* or degenerat* or complain* or disturb* or disorder*)).ti,ab. (269429)
 38 "preclinical AD".mp. (1065)
 39 "pre-clinical AD".mp. (82)
 40 ("preclinical alzheimer*" or "pre-clinical alzheimer*").mp. (1127)
 41 (aMCI or MCIa).ti,ab. (2054)
 42 ("CDR 0.5" or "clinical dementia rating scale 0.5").ti,ab. (333)
 43 ("GDS 3" or "stage 3 GDS").ti,ab. (29)
 44 ("global deterioration scale" and "stage 3").mp. (3)
 45 "Benign senescent forgetfulness".ti,ab. (18)
 46 "mild neurocognit* disorder*".ti,ab. (239)
 47 (prodrom* adj2 dement*).ti,ab. (314)
 48 (episodic* adj2 memory).mp. (15078)
 49 ("preclinical dementia" or "pre-clinical dementia").mp. (170)
 50 or/21-49 (450152)
 51 20 or 50 (727969)
 52 ((educat* or train* or teach*) adj3 (program* or intervention* or course* or workshop* or seminar*)).ti,ab. (183161)
 53 Education, Medical/ (61453)
 54 Education, Medical, Continuing/ (25616)
 55 Teaching/ (52005)
 56 workshop*.ti,ab. (48299)
 57 ("e-tutorial*" or "electronic tutorial*" or "web-based tutorial*").ti,ab. (88)
 58 (clinical adj3 guideline*).ti,ab. (48402)
 59 ("decision-support software" or (decision adj3 (software or computer or web*))).ti,ab. (2132)
 60 "group learning".ti,ab. (887)
 61 Computer-Assisted Instruction/mt, st [Methods, Standards] (4762)
 62 Decision Support Techniques/ (22542)
 63 "self directed learning".ti,ab. (2069)
 64 or/52-63 (414729)
 65 51 and 64 (10295)
 66 randomized controlled trial.pt. (603374)
 67 controlled clinical trial.pt. (95455)
 68 randomi?ed.ab. (745680)
 69 placebo.ab. (243207)
 70 randomly.ab. (420977)
 71 trial.ab. (672947)

72 groups.ab. (2597270)
73 cluster*.ti,ab. (479304)
74 RCT.ti,ab. (32620)
75 or/66-74 (4142622)
76 (animals not (humans and animals)).sh. (5137547)
77 75 not 76 (3574222)
78 65 and 77 (3534)
79 limit 78 to yr="2016 -Current" (2172)
80 limit 79 to italian (1)
81 limit 79 to english language (2132)
82 80 or 81 (2133)

Database: Embase <1974 to 2023 November 17>

Search Strategy:

1 exp dementia/ (448883)
2 delirium/ (36045)
3 Wernicke encephalopathy/ (3225)
4 dement*.mp. (262447)
5 alzheimer*.mp. (309108)
6 (lewy* adj2 bod*).mp. (23369)
7 deliri*.mp. (48426)
8 (chronic adj2 cerebrovascular).mp. (1309)
9 ("organic brain disease" or "organic brain syndrome").mp. (3428)
10 ("normal pressure hydrocephalus" and "shunt").mp. (2556)
11 "benign senescent forgetfulness".mp. (31)
12 (cerebr* adj2 deteriorat*).mp. (374)
13 (cerebral* adj2 insufficient*).mp. (120)
14 (pick* adj2 disease).mp. (7563)
15 (creutzfeldt or jcd or cjd).mp. (14304)
16 huntington*.mp. (38338)
17 binswanger*.mp. (958)
18 korsako*.mp. (2822)
19 or/1-18 (592579)
20 cognit* impair*.mp. (154241)
21 exp *cognitive defect/ (336396)
22 MCI.ti,ab. (41922)
23 ACMI.ti,ab. (235)
24 ARCD.ti,ab. (148)
25 SMC.ti,ab. (15723)
26 CIND.ti,ab. (559)
27 BSF.ti,ab. (1316)
28 AAMI.ti,ab. (956)
29 MD.ti,ab. (119811)
30 LCD.ti,ab. (3604)
31 QD.ti,ab. (21866)
32 AACD.ti,ab. (133)
33 MNCD.ti,ab. (95)
34 MCD.ti,ab. (8249)
35 ("N-MCI" or "A-MCI" or "M-MCI").ti,ab. (448)
36 ((cognit* or memory or cerebr* or mental*) adj3 (declin* or impair* or los* or deteriorat* or degenerat* or complain* or disturb* or disorder*)).ti,ab. (380145)
37 "preclinical AD".mp. (1924)
38 "pre-clinical AD".mp. (163)
39 ("preclinical alzheimer*" or "pre-clinical alzheimer*").mp. (1787)
40 (aMCI or MCIa).ti,ab. (3287)
41 ("CDR 0.5" or "clinical dementia rating scale 0.5").ti,ab. (668)
42 limit 41 to (in-data-review or in-process or pubmed-not-medline) (1)

43 ("GDS 3" or "stage 3 GDS").ti,ab. (62)
44 ("global deterioration scale" and "stage 3").mp. (18)
45 "Benign senescent forgetfulness".ti,ab. (27)
46 "mild neurocognit* disorder*".ti,ab. (414)
47 (prodrom* adj2 dement*).ti,ab. (470)
48 (episodic* adj2 memory).mp. (21989)
49 ("preclinical dementia" or "pre-clinical dementia").mp. (252)
50 or/20-49 (803957)
51 19 or 50 (1057806)
52 ((educat* or train* or teach*) adj3 (program* or intervention* or course* or workshop* or seminar*)).ti,ab. (247068)
53 medical education/ (255372)
54 medical education/ (255372)
55 teaching/ (107670)
56 workshop*.ti,ab. (66962)
57 ("e-tutorial*" or "electronic tutorial*" or "web-based tutorial*").ti,ab. (110)
58 (clinical adj3 guideline*).ti,ab. (71030)
59 ("decision-support software" or (decision adj3 (software or computer or web*))).ti,ab. (2892)
60 "group learning".ti,ab. (1148)
61 decision support system/ (27628)
62 "self directed learning".ti,ab. (2728)
63 or/52-62 (696866)
64 51 and 63 (19736)
65 Clinical-Trial/ or Randomized-Controlled-Trial/ or Randomization/ or Single-Blind-Procedure/ or Double-Blind-Procedure/ or Crossover-Procedure/ or Prospective-Study/ or Placebo/ (2572989)
66 (((clinical or control or controlled) adj (study or trial)) or ((single or double or triple) adj (blind\$3 or mask\$3)) or (random\$ adj (assign\$ or allocat\$ or group or grouped or patients or study or trial or distribut\$)) or (crossover adj (design or study or trial)) or placebo or placebos).ti,ab. (1390904)
67 65 or 66 (3117696)
68 64 and 67 (3437)
69 animal/ not human/ (1203515)
70 68 not 69 (3437)
71 limit 70 to yr="2016 -Current" (1996)
72 limit 71 to english language (1983)

Review question 11a

What are the optimal management strategies (including treatments) for people living with dementia with co-existing physical long-term conditions?

Number of records per database

Database	Records
Cochrane Database od Systematic Reviews	43
CENTRAL	4917
MEDLINE	7494
Embase	9422
Total (Database)	21876
Total (Database) after removing duplicates	13407

Filters: Systematic review, RCT, observational studies

Cochrane Library issue 11, 2023

- #1 MeSH descriptor: [Dementia] explode all trees 9336
- #2 (dementi* OR pseudodementia):ti,ab 15623
- #3 (alzheimer* OR alzeimer* OR (cortical NEAR/4 sclerosis)):ti,ab 12922
- #4 ((encephalopath* OR cogniti* OR neurocogniti*) NEAR/4 (aids OR hiv)):ti,ab 468
- #5 ((aphasi* NEAR/4 (primary OR progress*)) OR mesulam* OR ppa OR (ftd NEAR/4 temporal)):ti,ab 663
- #6 (((creutzfeldt OR jakob*) NEAR/4 (disease OR syndrome)) OR cjd OR (spongiform NEAR/4 encephalopath*) OR "corticostriatospinal degeneration" OR (pseudosclerosis NEAR/4 spastic)):ti,ab 64
- #7 (binswanger* OR ((subcortic* OR arterisclerotic) NEAR/4 (encephalopath* OR leukoencephalopath*)) OR cadasil*):ti,ab 45
- #8 ((sub NEXT cortic*) NEAR/4 (encephalopath* OR leukoencephalopath*)):ti,ab 0
- #9 ((kosaka NEAR/2 shibayama) OR (neurofibrillary NEXT tangle*) OR dntc):ti,ab 81
- #10 (((frontotemporal OR (fronto NEXT temporal) OR (corticobasal OR (cortico NEXT basal) OR (frontal NEXT lobe))) NEAR/4 (degenerati* OR dysfunction)) OR ftld OR ftlds OR ftd OR ftds):ti,ab 364
- #11 (pick* NEAR/1 (complex OR disease* OR syndrome)):ti,ab 50
- #12 ((wilhemsen NEAR/1 lynch) OR ddpac OR (lob* NEAR/4 atroph*)):ti,ab 72
- #13 (huntington* OR ((progressive OR major OR juvenile OR hereditary) NEAR/4 chorea)):ti,ab 757
- #14 (((kluver OR kluever) NEAR/4 bucy) OR ("temporal lobectomy" NEAR/4 behavi*) OR ("temporal lobe" NEAR/4 dysfunction)):ti,ab 14
- #15 ((lewy NEXT bod*) OR dlb OR lbd OR dlbd):ti,ab 537
- #16 ((senile NEXT confusion) OR (senile NEXT psychosis) OR senilit*):ti,ab 55
- #17 MeSH descriptor: [Tauopathies] this term only 14
- #18 tauopath*:ti,ab 54
- #19 cerad:ti,ab 148
- #20 Posterior NEXT cortic* NEXT atroph* 16
- #21 sivd:ti,ab 16
- #22 {OR #1-#21} 26099
- #23 MeSH descriptor: [Chronic Disease] this term only 15815
- #24 (chronic* NEAR/2 (disease* OR ill*)):ti,ab 31102
- #25 MeSH descriptor: [Comorbidity] this term only 5808
- #26 (comorbid* OR co morbid* OR co-morbid* OR multimorbid* OR multi morbid* OR multi-morbid*):ti,ab 28928
- #27 ((long term OR co-exist* OR coexist* OR exist* OR coincidental OR co-incidental OR co incidental OR additional) NEAR/4 (disease* OR illness* OR condition*)):ti,ab 13064

#28 (((morbidity or disease or illness) NEAR/4 burden) or patient complexity or multiple patholog*):ti,ab 7854

#29 MeSH descriptor: [Hypertension] explode all trees 26701

#30 hypertensi*:ti,ab 65154

#31 (blood pressure* NEAR/4 (high or raise* or elevat* or increas*)):ti,ab 13393

#32 MeSH descriptor: [Diabetes Mellitus] explode all trees 46811

#33 (diabet* or prediabet*):ti,ab 110470

#34 MeSH descriptor: [Anticoagulants] explode all trees 6197

#35 (anticoagula* or anti coagula* or antithrombin*):ti,ab 15157

#36 ((thrombin or factor x*) NEAR/4 inhibitor*):ti,ab 4417

#37 MeSH descriptor: [Sensation Disorders] explode all trees 9379

#38 ((sensation* or sense* or sensor*) NEAR/4 (disorder* or impair* or defect* or depriv* or disabilit* or dysfunction*)):ti,ab 1621

#39 ((hearing or vision or visual* or sight or taste* or olfaction) NEAR/4 (disorder* or distort* or impair* or loss or defect* or low or disabilit*)):ti,ab 11821

#40 (blind* or deaf* or dizziness):ti,ab 387249

#41 {OR #23-#40} 612445

#42 MeSH descriptor: [Self Care] explode all trees 7621

#43 (self NEAR/4 (care or manage* or monitor* or medicat* or treat*)):ti,ab 28976

#44 MeSH descriptor: [Therapeutics] explode all trees 413632

#45 (therapy or therapies or therapeutic*):ti,ab 465759

#46 MeSH descriptor: [Disease Management] explode all trees 6530

#47 (manage or managing or management or treat*):ti,ab 1014626

#48 MeSH descriptor: [Rehabilitation] explode all trees 51535

#49 (rehabilit* or habilitat* or reable* or re-able* or readapt* or readjust*):ti,ab 46824

#50 {OR #42-#49} 1294582

#51 #22 AND #41 AND #50 with Cochrane Library publication date from Jan 2016 to present, in Cochrane Reviews 43

#52 #22 AND #41 AND #50 with Cochrane Library publication date from Jan 2016 to present, in Trials 4917

Database: Ovid MEDLINE(R) ALL <1946 to November 17, 2023>

Search Strategy:

1 exp Dementia/ (208883)

2 (dementi* or pseudodementia).tw. (141652)

3 (alzheimer* or alzeimer* or (cortical adj4 sclerosis)).tw. (187819)

4 ((encephalopath* or cogniti* or neurocogniti*) adj4 (aids or hiv)).tw. (4555)

5 ((aphasi* adj4 (primary or progress*)) or mesulam* or ppa or (ftd adj4 temporal)).tw. (6946)

6 (((creutzfeldt or ja?ob*) adj4 (disease or syndrome)) or cjd or (spongiform adj4 encephalopath*) or "corticostriatal degeneration" or (pseudosclerosis adj4 spastic)).tw. (11594)

7 (binswanger* or ((subcortic* or "sub cortic*" or arterisclerotic) adj4 (encephalopath* or leukoencephalopath*)) or cadasil*).tw. (2610)

8 ((kosaka adj2 shibayama) or (neurofibrillary adj1 tangle*) or dntc).tw. (10038)

9 (((frontotemporal or (fronto adj temporal) or (corticobasal or (cortico adj basal) or (frontal adj lobe))) adj4 (degenerati* or dysfunction)) or ftld or ftlds or ftd or ftlds).tw. (10783)

10 ((pick* adj1 (complex or disease* or syndrome)) or (wilhemsens adj1 lynch) or ddpac or (lob* adj4 atroph*)).tw. (5920)

11 (huntington* or ((progressive or major or juvenile or hereditary) adj4 chorea)).tw. (21144)

12 (((kluver or kluever) adj4 bu?y) or (("temporal lobectomy" adj4 behavi*) or ("temporal lobe" adj4 dysfunction))).tw. (622)

13 ("lewy bod*" or dlb or lbd or dlbd).tw. (14609)

14 ("senile confusion" or "senile psychosis" or senilit*).tw. (871)

15 Tauopathies/ (2659)

16 tauopath*.tw. (5239)

17 cerad.tw. (935)

18 (Posterior adj cortic* adj atroph*).tw. (552)

19 sivd.tw. (179)
 20 or/1-19 (354183)
 21 Chronic Disease/ (282719)
 22 (chronic* adj2 (disease* or ill*)).tw. (284127)
 23 Comorbidity/ (125441)
 24 (comorbid* or co morbid* or co-morbid* or multimorbid* or multi morbid* or multi-morbid*).tw. (264636)
 25 ((long term or co-exist* or coexist* or exist* or coincidental or co-incidental or co incidental or additional) adj4 (disease* or illness* or condition*)).tw. (86912)
 26 (((morbidity or disease or illness) adj4 burden) or patient complexity or multiple patholog*).tw. (57257)
 27 exp Hypertension/ (320146)
 28 hypertensi*.tw. (508871)
 29 (blood pressure* adj4 (high or raise* or elevat* or increas*)).tw. (68013)
 30 exp Diabetes Mellitus/ (514574)
 31 (diabet* or prediabet*).tw. (784975)
 32 exp Anticoagulants/ (244547)
 33 (anticoagula* or anti coagula* or antithrombin*).tw. (129265)
 34 ((thrombin or factor x*) adj4 inhibitor*).tw. (10759)
 35 exp Sensation Disorders/ (214890)
 36 ((sensation* or sense* or sensor*) adj4 (disorder* or impair* or defect* or depriv* or disabilit* or dysfunction*)).tw. (20124)
 37 ((hearing or vision or visual* or sight or taste* or olfaction) adj4 (disorder* or distort* or impair* or loss or defect* or low or disabilit*)).tw. (156598)
 38 (blind* or deaf* or dizziness).tw. (412080)
 39 or/21-38 (3025810)
 40 exp Self Care/ (62772)
 41 (self adj4 (care or manage* or monitor* or medicat* or treat*)).tw. (90715)
 42 exp Therapeutics/ (5269982)
 43 (therapy or therapies or therapeutic*).tw. (3458764)
 44 exp Disease Management/ (84493)
 45 (manage or managing or management or treat*).tw. (7722995)
 46 exp Rehabilitation/ (356662)
 47 (rehabilit* or habiliat* or reable* or re-able* or readapt* or readjust*).tw. (215705)
 48 or/40-47 (12090018)
 49 20 and 39 and 48 (23515)
 50 limit 49 to yr="2016 -Current" (11465)
 51 Meta-Analysis.pt. (189989)
 52 Meta-Analysis as Topic/ (23531)
 53 Review.pt. (3238381)
 54 exp Review Literature as Topic/ (23922)
 55 (metaanaly\$ or metanaly\$ or (meta adj3 analy\$)).tw. (288546)
 56 (review\$ or overview\$).ti. (782693)
 57 (systematic\$ adj5 (review\$ or overview\$)).tw. (335934)
 58 ((quantitative\$ or qualitative\$) adj5 (review\$ or overview\$)).tw. (17752)
 59 ((studies or trial\$) adj2 (review\$ or overview\$)).tw. (66804)
 60 (integrat\$ adj3 (research or review\$ or literature)).tw. (18992)
 61 (pool\$ adj2 (analy\$ or data)).tw. (45424)
 62 (handsearch\$ or (hand adj3 search\$)).tw. (11699)
 63 (manual\$ adj3 search\$).tw. (8864)
 64 or/51-63 (3742608)
 65 animals/ not humans/ (5137547)
 66 64 not 65 (3562749)
 67 50 and 66 (3627)
 68 Randomized Controlled Trial.pt. (603374)
 69 Controlled Clinical Trial.pt. (95455)

70 Clinical Trial.pt. (539039)
 71 exp Clinical Trials as Topic/ (385901)
 72 Placebos/ (35934)
 73 Random Allocation/ (107040)
 74 Double-Blind Method/ (176679)
 75 Single-Blind Method/ (33051)
 76 Cross-Over Studies/ (55775)
 77 ((random\$ or control\$ or clinical\$) adj3 (trial\$ or stud\$)).tw. (1600381)
 78 (random\$ adj3 allocat\$).tw. (46405)
 79 placebo\$.tw. (251062)
 80 ((singl\$ or doubl\$ or trebl\$ or tripl\$) adj (blind\$ or mask\$)).tw. (200832)
 81 (crossover\$ or (cross adj over\$)).tw. (101725)
 82 or/68-81 (2448558)
 83 animals/ not humans/ (5137547)
 84 82 not 83 (2306434)
 85 50 and 84 (2639)
 86 Observational Studies as Topic/ (9174)
 87 Observational Study/ (148783)
 88 Epidemiologic Studies/ (9426)
 89 exp Case-Control Studies/ (1459071)
 90 exp Cohort Studies/ (2541289)
 91 Cross-Sectional Studies/ (483744)
 92 Controlled Before-After Studies/ (741)
 93 Historically Controlled Study/ (231)
 94 Interrupted Time Series Analysis/ (1939)
 95 Comparative Study.pt. (1913330)
 96 case control\$.tw. (161713)
 97 case series.tw. (106641)
 98 (cohort adj (study or studies)).tw. (330691)
 99 cohort analy\$.tw. (12335)
 100 (follow up adj (study or studies)).tw. (57095)
 101 (observational adj (study or studies)).tw. (168447)
 102 longitudinal.tw. (331923)
 103 prospective.tw. (731690)
 104 retrospective.tw. (772373)
 105 cross sectional.tw. (533391)
 106 86 or 87 or 88 or 89 or 90 or 91 or 92 or 93 or 94 or 95 or 96 or 97 or 98 or 99 or 100 or 101 or 102 or 103 or 104 or 105 (5600071)
 107 50 and 106 (3251)
 108 67 or 85 or 107 (7671)
 109 limit 108 to english language (7490)
 110 limit 108 to italian (4)
 111 109 or 110 (7494)

Database: Embase <1974 to 2023 November 17>

Search Strategy:

1 exp *Dementia/ (266825)
 2 (dementi* or pseudodementia).tw. (203320)
 3 (alzheimer* or alzeimer* or (cortical adj4 sclerosis)).tw. (252664)
 4 ((encephalopath* or cogniti* or neurocogniti*) adj4 (aids or hiv)).tw. (6675)
 5 ((aphasi* adj4 (primary or progress*)) or mesulam* or ppa or (ftd adj4 temporal)).tw. (10086)
 6 (((creutzfeldt or ja?ob*) adj4 (disease or syndrome)) or cjd or (spongiform adj4 encephalopath*) or "corticostriatospinal degeneration" or (pseudosclerosis adj4 spastic)).tw. (14501)
 7 (binswanger* or ((subcortic* or "sub cortic*" or arterisclerotic) adj4 (encephalopath* or leukoencephalopath*)) or

cadasil*).tw. (3776)

8 ((kosaka adj2 shibayama) or (neurofibrillary adj1 tangle*) or dntc).tw. (13386)

9 (((frontotemporal or (fronto adj temporal) or (corticobasal or (cortico adj basal) or (frontal adj lobe))) adj4 (degenerati* or dysfunction)) or ftld or ftlds or ftd or ftds).tw. (18057)

10 ((pick* adj1 (complex or disease* or syndrome)) or (wilhemsen adj1 lynch) or ddpac or (lob* adj4 atroph*)).tw. (7877)

11 (huntington* or ((progressive or major or juvenile or hereditary) adj4 chorea)).tw. (28535)

12 (((kløver or kluever) adj4 bu?y) or (("temporal lobectomy" adj4 behavi*) or ("temporal lobe" adj4 dysfunction))).tw. (805)

13 ("lewy bod*" or dlb or lbd or dlbd).tw. (21688)

14 ("senile confusion" or "senile psychosis" or senilit*).tw. (947)

15 *tauopathy/ (3090)

16 tauopath*.tw. (8125)

17 cerad.tw. (1762)

18 (Posterior adj cortic* adj atroph*).tw. (971)

19 sivd.tw. (245)

20 or/1-19 (480239)

21 *chronic disease/ (33136)

22 (chronic* adj2 (disease* or ill*)).tw. (424574)

23 *comorbidity/ (25618)

24 (comorbid* or co morbid* or co-morbid* or multimorbid* or multi morbid* or multi-morbid*).tw. (471990)

25 ((long term or co-exist* or coexist* or exist* or coincidental or co-incident or co incidental or additional) adj4 (disease* or illness* or condition*)).tw. (125482)

26 (((morbidity or disease or illness) adj4 burden) or patient complexity or multiple patholog*).tw. (87396)

27 exp hypertension/ (940948)

28 hypertensi*.tw. (788519)

29 (blood pressure* adj4 (high or raise* or elevat* or increas*)).tw. (96523)

30 exp *diabetes mellitus/ (606222)

31 (diabet* or prediabet*).tw. (1191693)

32 exp *anticoagulant agent/ (278172)

33 (anticoagula* or anti coagula* or antithrombin*).tw. (202449)

34 ((thrombin or factor x*) adj4 inhibitor*).tw. (15619)

35 exp sensory dysfunction/ (732286)

36 ((sensation* or sense* or sensor*) adj4 (disorder* or impair* or defect* or depriv* or disabilit* or dysfunction*)).tw. (27131)

37 ((hearing or vision or visual* or sight or taste* or olfaction) adj4 (disorder* or distort* or impair* or loss or defect* or low or disabilit*)).tw. (201412)

38 (blind* or deaf* or dizziness).tw. (585816)

39 or/21-38 (4481041)

40 exp *self care/ (34729)

41 (self adj4 (care or manage* or monitor* or medicat* or treat*)).tw. (127778)

42 exp *therapy/ (3721490)

43 (therapy or therapies or therapeutic*).tw. (4969245)

44 exp *disease management/ (595965)

45 (manage or managing or management or treat*).tw. (10500906)

46 exp *rehabilitation/ (134558)

47 (rehabilit* or habiliat* or reable* or re-able* or readapt* or readjust*).tw. (301738)

48 or/40-47 (14464668)

49 20 and 39 and 48 (37657)

50 limit 49 to yr="2016 -Current" (19631)

51 "meta analysis (topic)"/ or meta analysis/ (346706)

52 "systematic review"/ or "systematic review (topic)"/ (468483)

53 (metaanaly\$ or metanaly\$ or (meta adj3 analy\$)).tw. (366294)

54 (review\$ or overview\$).ti. (895515)

55 (systematic\$ adj5 (review\$ or overview\$)).tw. (407405)
 56 ((quantitative\$ or qualitative\$) adj5 (review\$ or overview\$)).tw. (21326)
 57 ((studies or trial\$) adj2 (review\$ or overview\$)).tw. (80242)
 58 (integrat\$ adj3 (research or review\$ or literature)).tw. (21693)
 59 (pool\$ adj2 (analy\$ or data)).tw. (66996)
 60 (handsearch\$ or (hand adj3 search\$)).tw. (14228)
 61 (manual\$ adj3 search\$).tw. (10630)
 62 or/51-61 (1398314)
 63 animals/ not humans/ (1082328)
 64 62 not 63 (1387774)
 65 50 and 64 (2014)
 66 Clinical-Trial/ or Randomized-Controlled-Trial/ or Randomization/ or Single-Blind-Procedure/ or Double-Blind-Procedure/ or Crossover-Procedure/ or Prospective-Study/ or Placebo/ (2572989)
 67 (((clinical or control or controlled) adj (study or trial)) or ((single or double or triple) adj (blind\$3 or mask\$3)) or (random\$ adj (assign\$ or allocat\$ or group or grouped or patients or study or trial or distribut\$)) or (crossover adj (design or study or trial)) or placebo or placebos).ti,ab. (1390904)
 68 66 or 67 (3117696)
 69 animal/ not human/ (1203515)
 70 68 not 69 (3072733)
 71 50 and 70 (4334)
 72 Observational Study/ (344572)
 73 epidemiology/ (246708)
 74 exp case control study/ (227755)
 75 exp cohort analysis/ (1072932)
 76 cross-sectional study/ (593126)
 77 Controlled Before-After.mp. (535)
 78 Historically Controlled Study.mp. (97)
 79 Interrupted Time Series Analysis.mp. (3324)
 80 comparative study/ (1034277)
 81 case control\$.tw. (213740)
 82 case series.tw. (150152)
 83 (cohort adj (study or studies)).tw. (476498)
 84 cohort analy\$.tw. (19868)
 85 (follow up adj (study or studies)).tw. (74510)
 86 (observational adj (study or studies)).tw. (261032)
 87 longitudinal.tw. (448552)
 88 prospective.tw. (1117392)
 89 retrospective.tw. (1280179)
 90 cross sectional.tw. (695493)
 91 or/72-90 (5474320)
 92 animal/ not human/ (1203515)
 93 91 not 92 (5346118)
 94 50 and 93 (5672)
 95 65 or 71 or 94 (9515)
 96 limit 95 to yr="2016 -Current" (9515)
 97 limit 96 to english language (9422)

Review question 11b

What are the optimal management strategies (including treatments) for people living with Mild cognitive impairment (MCI) with co-existing physical long-term conditions?

Number of records per database

Database	Records
Cochrane Database of Systematic Reviews	21
CENTRAL	1825
MEDLINE	2978
Embase	2607
Total (Database)	7431
Total (Database) after removing duplicates	5101

Filters: Systematic review, RCT, observational studies

Cochrane Library (issue 11, 2022)

#1	MeSH descriptor: [Cognitive Dysfunction] this term only	3070
#2	((mild NEXT cogniti*) NEAR/3 (dysfunction* or disorder* or impair* or declin* or deteriorat* or decrement*)):ti,ab	4328
#3	MCI:ti,ab	3589
#4	#1 OR #2 OR #3	7286
#5	MeSH descriptor: [Chronic Disease] this term only	15815
#6	(chronic* NEAR/2 (disease* or ill*)):ti,ab	31102
#7	MeSH descriptor: [Comorbidity] this term only	5808
#8	(comorbid* or co morbid* or co-morbid* or multimorbid* or multi morbid* or multi-morbid*):ti,ab	28928
#9	((long term or co-exist* or coexist* or exist* or coincidental or co-incident* or co incidental or additional) NEAR/4 (disease* or illness* or condition*)):ti,ab	13063
#10	((morbid* or disease* or illness*) NEAR/4 burden) or patient complexity or multiple patholog*):ti,ab	7854
#11	MeSH descriptor: [Hypertension] explode all trees	26701
#12	hypertensi*:ti,ab	65155
#13	(blood pressure* NEAR/4 (high or raise* or elevat* or increas*)):ti,ab	13393
#14	MeSH descriptor: [Diabetes Mellitus] explode all trees	46811
#15	(diabet* or prediabet*):ti,ab	110470
#16	MeSH descriptor: [Anticoagulants] explode all trees	6197
#17	(anticoagula* or anti coagula* or antithrombin*):ti,ab	15157
#18	((thrombin or factor x*) NEAR/4 inhibitor*):ti,ab	4417
#19	MeSH descriptor: [Sensation Disorders] explode all trees	9379
#20	((sensation* or sense* or sensor*) NEAR/4 (disorder* or impair* or defect* or depriv* or disabilit* or dysfunction*)):ti,ab	1621
#21	((hearing or vision or visual* or sight or taste* or olfaction) NEAR/4 (disorder* or distort* or impair* or loss or defect* or low or disabilit*)):ti,ab	11821
#22	(blind* or deaf* or dizziness):ti,ab	387248
#23	{OR #5-#22}	612443
#24	MeSH descriptor: [Self Care] explode all trees	7621
#25	(self NEAR/4 (care or manage* or monitor* or medicat* or treat*)):ti,ab	28976
#26	MeSH descriptor: [Therapeutics] explode all trees	413632
#27	(therapy or therapies or therapeutic*):ti,ab	465757
#28	MeSH descriptor: [Disease Management] explode all trees	6530
#29	(manage or managing or management or treat*):ti,ab	1014624

- #30 MeSH descriptor: [Rehabilitation] explode all trees 51535
- #31 (rehabilit* or habilitat* or reable* or re-able* or readapt* or readjust*):ti,ab 46824
- #32 {OR #24-#31} 1294580
- #33 #4 AND #23 AND #32 in Cochrane Reviews 21
- #34 #4 AND #23 AND #32 with Cochrane Library publication date from Jan 1999 to present, in Trials 1825

Database: Ovid MEDLINE(R) ALL

Date: November 17, 2023

- 1 Cognitive Dysfunction/ (37417)
- 2 (mild cognit* adj3 (dysfunction* or disorder* or impair* or declin* or deteriorat* or decrement*)):ti,ab,kf. (26110)
- 3 MCI.ti,ab. (23532)
- 4 1 or 2 or 3 (59322)
- 5 Chronic Disease/ (282719)
- 6 (chronic* adj2 (disease* or ill*)):tw. (284127)
- 7 Comorbidity/ (125441)
- 8 (comorbid* or co morbid* or co-morbid* or multimorbid* or multi morbid* or multi-morbid*):tw. (264636)
- 9 ((long term or co-exist* or coexist* or exist* or coincidental or co-incident or co incidental or additional) adj4 (disease* or illness* or condition*)):tw. (86912)
- 10 (((morbid* or disease or illness) adj4 burden) or patient complexity or multiple patholog*):tw. (57257)
- 11 exp Hypertension/ (320146)
- 12 hypertensi*:tw. (508871)
- 13 (blood pressure* adj4 (high or raise* or elevat* or increas*)):tw. (68013)
- 14 exp Diabetes Mellitus/ (514574)
- 15 (diabet* or prediabet*):tw. (784975)
- 16 exp Anticoagulants/ (244547)
- 17 (anticoagula* or anti coagula* or antithrombin*):tw. (129265)
- 18 ((thrombin or factor x*) adj4 inhibitor*):tw. (10759)
- 19 exp Sensation Disorders/ (214890)
- 20 ((sensation* or sense* or sensor*) adj4 (disorder* or impair* or defect* or depriv* or disabilit* or dysfunction*)):tw. (20124)
- 21 ((hearing or vision or visual* or sight or taste* or olfaction) adj4 (disorder* or distort* or impair* or loss or defect* or low or disabilit*)):tw. (156598)
- 22 (blind* or deaf* or dizziness):tw. (412080)
- 23 or/5-22 (3025810)
- 24 exp Self Care/ (62772)
- 25 (self adj4 (care or manage* or monitor* or medicat* or treat*)):tw. (90715)
- 26 exp Therapeutics/ (5269982)
- 27 (therapy or therapies or therapeutic*):tw. (3458764)
- 28 exp Disease Management/ (84493)
- 29 (manage or managing or management or treat*):tw. (7722995)
- 30 exp Rehabilitation/ (356662)
- 31 (rehabilit* or habilitat* or reable* or re-able* or readapt* or readjust*):tw. (215705)
- 32 or/24-31 (12090018)
- 33 4 and 23 and 32 (4443)
- 34 limit 33 to yr="1999 -Current" (4361)
- 35 Meta-Analysis.pt. (189989)
- 36 Meta-Analysis as Topic/ (23531)
- 37 Review.pt. (3238381)
- 38 exp Review Literature as Topic/ (23922)
- 39 (metaanaly\$ or metanaly\$ or (meta adj3 analy\$)):tw. (288546)
- 40 (review\$ or overview\$).ti. (782693)
- 41 (systematic\$ adj5 (review\$ or overview\$)):tw. (335934)
- 42 ((quantitative\$ or qualitative\$) adj5 (review\$ or overview\$)):tw. (17752)
- 43 ((studies or trial\$) adj2 (review\$ or overview\$)):tw. (66804)

44 (integrat\$ adj3 (research or review\$ or literature)).tw. (18992)
45 (pool\$ adj2 (analy\$ or data)).tw. (45424)
46 (handsearch\$ or (hand adj3 search\$)).tw. (11699)
47 (manual\$ adj3 search\$).tw. (8864)
48 or/35-47 (3742608)
49 animals/ not humans/ (5137547)
50 48 not 49 (3562749)
51 34 and 50 (937)
52 Randomized Controlled Trial.pt. (603374)
53 Controlled Clinical Trial.pt. (95455)
54 Clinical Trial.pt. (539039)
55 exp Clinical Trials as Topic/ (385901)
56 Placebos/ (35934)
57 Random Allocation/ (107040)
58 Double-Blind Method/ (176679)
59 Single-Blind Method/ (33051)
60 Cross-Over Studies/ (55775)
61 ((random\$ or control\$ or clinical\$) adj3 (trial\$ or stud\$)).tw. (1600381)
62 (random\$ adj3 allocat\$).tw. (46405)
63 placebo\$.tw. (251062)
64 ((singl\$ or doubl\$ or trebl\$ or tripl\$) adj (blind\$ or mask\$)).tw. (200832)
65 (crossover\$ or (cross adj over\$)).tw. (101725)
66 or/52-65 (2448558)
67 animals/ not humans/ (5137547)
68 66 not 67 (2306434)
69 34 and 68 (1406)
70 Observational Studies as Topic/ (9174)
71 Observational Study/ (148783)
72 Epidemiologic Studies/ (9426)
73 exp Case-Control Studies/ (1459071)
74 exp Cohort Studies/ (2541289)
75 Cross-Sectional Studies/ (483744)
76 Controlled Before-After Studies/ (741)
77 Historically Controlled Study/ (231)
78 Interrupted Time Series Analysis/ (1939)
79 Comparative Study.pt. (1913330)
80 case control\$.tw. (161713)
81 case series.tw. (106641)
82 (cohort adj (study or studies)).tw. (330691)
83 cohort analy\$.tw. (12335)
84 (follow up adj (study or studies)).tw. (57095)
85 (observational adj (study or studies)).tw. (168447)
86 longitudinal.tw. (331923)
87 prospective.tw. (731690)
88 retrospective.tw. (772373)
89 cross sectional.tw. (533391)
90 70 or 71 or 72 or 73 or 74 or 75 or 76 or 77 or 78 or 79 or 80 or 81 or 82 or 83 or 84 or 85 or 86 or 87 or 88 or 89
(5600071)
91 34 and 90 (1582)
92 51 or 69 or 91 (3087)
93 limit 92 to english language (2976)
94 limit 92 to italian (2)
95 93 or 94 (2978)

Database: Embase

Date: 2023 November 17

- 1 mild cognitive impairment/ (37765)
- 2 (mild cogniti* adj3 (dysfunction* or disorder* or impair* or declin* or deteriorat* or decrement*)).ti,ab. (38201)
- 3 MCI.ti,ab. (41922)
- 4 1 or 2 or 3 (65013)
- 5 *chronic disease/ (33136)
- 6 (chronic* adj2 (disease* or ill*)).tw. (424574)
- 7 *comorbidity/ (25618)
- 8 (comorbid* or co morbid* or co-morbid* or multimorbid* or multi morbid* or multi-morbid*).tw. (471990)
- 9 ((long term or co-exist* or coexist* or exist* or coincidental or co-incident or co incidental or additional) adj4 (disease* or illness* or condition*)).tw. (125482)
- 10 (((morbid* or disease or illness) adj4 burden) or patient complexity or multiple patholog*).tw. (87396)
- 11 exp hypertension/ (940948)
- 12 hypertensi*.tw. (788519)
- 13 (blood pressure* adj4 (high or raise* or elevat* or increas*)).tw. (96523)
- 14 exp *diabetes mellitus/ (606222)
- 15 (diabet* or prediabet*).tw. (1191693)
- 16 exp *anticoagulant agent/ (278172)
- 17 (anticoagula* or anti coagula* or antithrombin*).tw. (202449)
- 18 ((thrombin or factor x*) adj4 inhibitor*).tw. (15619)
- 19 exp sensory dysfunction/ (732286)
- 20 ((sensation* or sense* or sensor*) adj4 (disorder* or impair* or defect* or depriv* or disabilit* or dysfunction*)).tw. (27131)
- 21 ((hearing or vision or visual* or sight or taste* or olfaction) adj4 (disorder* or distort* or impair* or loss or defect* or low or disabilit*)).tw. (201412)
- 22 (blind* or deaf* or dizziness).tw. (585816)
- 23 or/5-22 (4481041)
- 24 exp *self care/ (34729)
- 25 (self adj4 (care or manage* or monitor* or medicat* or treat*)).tw. (127778)
- 26 exp *therapy/ (3721490)
- 27 (therapy or therapies or therapeutic*).tw. (4969245)
- 28 exp *disease management/ (595965)
- 29 (manage or managing or management or treat*).tw. (10500906)
- 30 exp *rehabilitation/ (134558)
- 31 (rehabilit* or habilitat* or reable* or re-able* or readapt* or readjust*).tw. (301738)
- 32 or/24-31 (14464668)
- 33 4 and 23 and 32 (4637)
- 34 "meta analysis (topic)"/ or meta analysis/ (346706)
- 35 "systematic review"/ or "systematic review (topic)"/ (468483)
- 36 (metaanaly\$ or metanaly\$ or (meta adj3 analy\$)).tw. (366294)
- 37 (review\$ or overview\$).ti. (895515)
- 38 (systematic\$ adj5 (review\$ or overview\$)).tw. (407405)
- 39 ((quantitative\$ or qualitative\$) adj5 (review\$ or overview\$)).tw. (21326)
- 40 ((studies or trial\$) adj2 (review\$ or overview\$)).tw. (80242)
- 41 (integrat\$ adj3 (research or review\$ or literature)).tw. (21693)
- 42 (pool\$ adj2 (analy\$ or data)).tw. (66996)
- 43 (handsearch\$ or (hand adj3 search\$)).tw. (14228)
- 44 (manual\$ adj3 search\$).tw. (10630)
- 45 or/34-44 (1398314)
- 46 animal/ not human/ (1203515)
- 47 45 not 46 (1386564)
- 48 33 and 47 (424)
- 49 Clinical-Trial/ or Randomized-Controlled-Trial/ or Randomization/ or Single-Blind-Procedure/ or Double-Blind-Procedure/ or Crossover-Procedure/ or Prospective-Study/ or Placebo/ (2572989)
- 50 (((clinical or control or controlled) adj (study or trial)) or ((single or double or triple) adj (blind\$3 or mask\$3)) or (random\$ adj (assign\$ or allocat\$ or group or grouped or patients or study or trial or distribut\$)) or (crossover adj (design or study or trial)) or placebo or placebos).ti,ab. (1390904)

51 49 or 50 (3117696)
52 animal/ not human/ (1203515)
53 51 not 52 (3072733)
54 33 and 53 (1650)
55 Observational Study/ (344572)
56 epidemiology/ (246708)
57 exp case control study/ (227755)
58 exp cohort analysis/ (1072932)
59 cross-sectional study/ (593126)
60 Controlled Before-After.mp. (535)
61 Historically Controlled Study.mp. (97)
62 Interrupted Time Series Analysis.mp. (3324)
63 comparative study/ (1034277)
64 case control\$.tw. (213740)
65 case series.tw. (150152)
66 (cohort adj (study or studies)).tw. (476498)
67 cohort analy\$.tw. (19868)
68 (follow up adj (study or studies)).tw. (74510)
69 (observational adj (study or studies)).tw. (261032)
70 longitudinal.tw. (448552)
71 prospective.tw. (1117392)
72 retrospective.tw. (1280179)
73 cross sectional.tw. (695493)
74 or/55-73 (5474320)
75 animal/ not human/ (1203515)
76 74 not 75 (5346118)
77 33 and 76 (1364)
78 48 or 54 or 77 (2690)
79 limit 78 to yr="1999 -Current" (2653)
80 limit 79 to italian (1)
81 limit 79 to english language (2606)
82 80 or 81 (2607)

Review question 12a

What are the optimal management strategies (including treatments) for people with dementia and an enduring mental health condition?

Number of records per database

Database	Records
Cochrane Database of Systematic Reviews	50
CENTRAL	2284
MEDLINE	4934
Embase	7623
Total (Database)	14891
Total (Database) after removing duplicates	10430

Filters: Systematic review, RCT, observational studies

Cochrane Library issue 11, 2023

#1	MeSH descriptor: [Dementia] explode all trees	9336
#2	(dementi* OR pseudodementia):ti,ab	15623
#3	(alzheimer* OR alzeimer* OR (cortical NEAR/4 sclerosis)):ti,ab	12922
#4	((encephalopath* OR cogniti* OR neurocogniti*) NEAR/4 (aids OR hiv)):ti,ab	468
#5	((aphasi* NEAR/4 (primary OR progress*)) OR mesulam* OR ppa OR (ftd NEAR/4 temporal)):ti,ab	663
#6	((creutzfeldt OR jakob*) NEAR/4 (disease OR syndrome)) OR cjd OR (spongiform NEAR/4 encephalopath*) OR "corticostriatospinal degeneration" OR (pseudosclerosis NEAR/4 spastic):ti,ab	64
#7	(binswanger* OR ((subcortic* OR arterisclerotic) NEAR/4 (encephalopath* OR leukoencephalopath*)) OR cadasil*):ti,ab	45
#8	((sub NEXT cortic*) NEAR/4 (encephalopath* OR leukoencephalopath*)):ti,ab	0
#9	((kosaka NEAR/2 shibayama) OR (neurofibrillary NEXT tangle*) OR dntc):ti,ab	81
#10	((frontotemporal OR (fronto NEXT temporal) OR (corticobasal OR (cortico NEXT basal) OR (frontal NEXT lobe))) NEAR/4 (degenerati* OR dysfunction)) OR ftld OR ftlds OR ftd OR ftds):ti,ab	364
#11	(pick* NEAR/1 (complex OR disease* OR syndrome)):ti,ab	50
#12	((wilhemsen NEAR/1 lynch) OR ddpac OR (lob* NEAR/4 atroph*)):ti,ab	72
#13	(huntington* OR ((progressive OR major OR juvenile OR hereditary) NEAR/4 chorea)):ti,ab	757
#14	((kluver OR kluever) NEAR/4 bucy) OR (("temporal lobectomy" NEAR/4 behavi*) OR ("temporal lobe" NEAR/4 dysfunction)):ti,ab	14
#15	((lewy NEXT bod*) OR dlb OR lbd OR dlbd):ti,ab	537
#16	((senile NEXT confusion) OR (senile NEXT psychosis) OR senilit*):ti,ab	55
#17	MeSH descriptor: [Tauopathies] this term only	14
#18	tauopath*:ti,ab	54
#19	cerad:ti,ab	148
#20	Posterior NEXT cortic* NEXT atroph*	16
#21	sivd:ti,ab	16
#22	{OR #1-#21}	26099
#23	MeSH descriptor: [Anxiety Disorders] explode all trees	9234
#24	(anxiet* OR neuroses OR neurosis OR neurotic OR psychoneurosis OR phobia* OR phobic):ti,ab	66217
#25	(neurocirculat* NEXT (asthenia OR dystonia)):ti,ab	8
#26	(effort NEXT syndrome*):ti,ab	1
#27	(hyperkinetic NEXT heart):ti,ab	16
#28	(cardioneurosis OR cardiophobia):ti,ab	1
#29	"Da Costa syndrome"	0
#30	((functional NEXT heart NEXT complaint) OR (neurogenic NEXT heart) OR (soldier NEXT heart)):ti,ab	2

#31 catastroph*:ti,ab 2524

#32 (koro or cothymia):ti,ab 5

#33 (obsessi* NEXT compulsi*):ti,ab 3277

#34 ((obsessive NEXT syndrome*) or ocd):ti,ab 1947

#35 (compulsi* NEXT behavi*):ti,ab 153

#36 (repetit* NEAR/1 (behavi* or compulsi*)):ti,ab 379

#37 hoard*:ti,ab 101

#38 (panic NEAR/2 (attack* or disorder*)):ti,ab 2482

#39 (agorophobi* or claustrophobi* or neophobi*):ti,ab 275

#40 (stress NEAR/1 (disorder* or traumatic)):ti,ab 8667

#41 psychastheria:ti,ab 0

#42 (combat NEAR/1 (disorder* or fatigue or stress)):ti,ab 41

#43 (((("post-traumatic" or posttraumatic) NEAR/1 (stress or psychosis or syndrome*)) or ptsd):ti,ab 7648

#44 (astheni* NEAR/1 (neuros* or syndrome*)):ti,ab 36

#45 MeSH descriptor: [Depressive Disorder] explode all trees 15332

#46 MeSH descriptor: [Depression] explode all trees 18751

#47 (depress* or melanchol* or paraphreni* or dysthmi* or dysphori*):ti,ab 101198

#48 (seasonal NEAR/2 disorder*):ti,ab 352

#49 (seasonal NEAR/2 disorder*):ti,ab 352

#50 ((mourning or perry*) NEAR/1 syndrome*):ti,ab 0

#51 MeSH descriptor: [Schizophrenia Spectrum and Other Psychotic Disorders] explode all trees 12249

#52 (psychotic* or psychoses or psychosis or encephalopsychoses or encephalopsychosis):ti,ab 9802

#53 (affective NEAR/2 disorder*):ti,ab 1910

#54 (capgras NEAR/1 syndrome*):ti,ab 2

#55 korsakoff:ti,ab 65

#56 delusion*:ti,ab 1278

#57 paranoi*:ti,ab 740

#58 ((psychogenic NEAR/2 parasitoses) or (psychogenic NEAR/2 parasitosis)):ti,ab 0

#59 morgellon*:ti,ab 0

#60 (schizo affective or schizo affective):ti,ab 1950

#61 (persecution NEAR/1 complex*):ti,ab 0

#62 (persecutory NEAR/1 idea*):ti,ab 17

#63 (hallucin* or acouasm* or charles bonnet* or phantosmia or fata morgana):ti,ab 2319

#64 megalomania*:ti,ab 0

#65 (((morbid or pathologic*) NEAR/1 jealousy) or othello syndrome*):ti,ab 0

#66 (schizophreni* or hebephreni*):ti,ab 18486

#67 ("folie a deux" or " folie a trois" or "folie a famille"):ti,ab 0

#68 ((negative or positive or defecit) NEAR/1 (syndrome* or symptom*)):ti,ab 5895

#69 MeSH descriptor: [Bipolar Disorder] 1 tree(s) exploded 0

#70 (bipolar or manic or mania* or cyclophreni* or cyclothymic or "rapid cycling mood disorder"):ti,ab 10070

#71 MeSH descriptor: [Substance-Related Disorders] explode all trees 19884

#72 ((abuse* or misuse or use* or dependen* or disorder* or habit* or problem* or experiment* or taking or take*) NEAR/4 (substance* or drug* or alcohol* or amphetamine* or methamphetamine* or cocaine or inhalant* or glue or cannabis or mari?uana or hashish or narcotic* or opiate* or opioid* or phencyclidine or "angel dust" or pcd or morphine or opium or heroin or analgesic* or benzodiazepine)):ti,ab 76685

#73 (glue NEAR/1 sniff*):ti,ab 0

#74 (alcoholic or alcoholism):ti,ab 7770

#75 wernicke*:ti,ab 108

#76 (cerebral NEAR/1 beriberi):ti,ab 0

#77 toxicomania:ti,ab 2

#78 MeSH descriptor: [Personality Disorders] explode all trees 1763

- #79 (personalit* NEAR/2 (disorder* or disturbance* or change or "as if" or avoidant or impuls* or inadequate or narcissistic or antisocial or borderline or compulsive or obsessive or dependent or histrionic or negativistic or passive or "passive aggressive" or schizotypal)):ti,ab 2501
- #80 (behavio* NEAR/4 dyssocial):ti,ab 0
- #81 (hysteria or hysterical):ti,ab 58
- #82 (social NEAR/2 (disorder* or disease* or pathology)):ti,ab 1611
- #83 sociopath*:ti,ab 15
- #84 (character NEAR/2 (deviation* or disturbance* or neuros?s or problem or disorder*)):ti,ab 7
- #85 (obsess* NEAR/4 trait):ti,ab 7
- #86 ((diogenes NEXT syndrome*) or ("senile squalor" NEXT syndrome*) or ("social breakdown" NEXT syndrome*)):ti,ab 0
- #87 (narcism or "self love"):ti,ab 8
- #88 (psychopath* or neuropsychopath):ti,ab 4564
- #89 (schizoid* or schizothym*):ti,ab 23
- #90 {OR #23-#89} 245998
- #91 MeSH descriptor: [Self Care] explode all trees 7621
- #92 (self NEAR/4 (care or manage* or monitor* or medicat* or treat*)):ti,ab 28976
- #93 MeSH descriptor: [Therapeutics] explode all trees 413632
- #94 (therapy or therapies or therapeutic*):ti,ab 465759
- #95 MeSH descriptor: [Disease Management] explode all trees 6530
- #96 (manage or managing or management or treat*):ti,ab 1014626
- #97 MeSH descriptor: [Rehabilitation] explode all trees 51535
- #98 (rehabilit* or habiliat* or reable* or re-able* or readapt* or readjust*):ti,ab 46824
- #99 {OR #91-#98} 1294582
- #100 #22 AND #90 AND #99 with Cochrane Library publication date from Jun 2016 to present, in Cochrane Reviews 50
- #101 #22 AND #90 AND #99 with Publication Year from 2016 to present, in Trials 2284

Database: Ovid MEDLINE(R) ALL <1946 to November 17, 2023>

Search Strategy:

- 1 exp Dementia/ (208883)
- 2 (dementi* or pseudodementia).tw. (141652)
- 3 (alzheimer* or alzeimer* or (cortical adj4 sclerosis)).tw. (187819)
- 4 ((encephalopath* or cogniti* or neurocogniti*) adj4 (aids or hiv)).tw. (4555)
- 5 ((aphasi* adj4 (primary or progress*)) or mesulam* or ppa or (ftd adj4 temporal)).tw. (6946)
- 6 (((creutzfeldt or ja?ob*) adj4 (disease or syndrome)) or cjd or (spongiform adj4 encephalopath*) or "corticostriatal degeneration" or (pseudosclerosis adj4 spastic)).tw. (11594)
- 7 (binswanger* or ((subcortic* or "sub cortic*" or arterisclerotic) adj4 (encephalopath* or leukoencephalopath*)) or cadasil*).tw. (2610)
- 8 ((kosaka adj2 shibayama) or (neurofibrillary adj1 tangle*) or dntc).tw. (10038)
- 9 (((frontotemporal or (fronto adj temporal) or (corticobasal or (cortico adj basal) or (frontal adj lobe))) adj4 (degenerati* or dysfunction)) or ftld or ftlds or ftd or ftds).tw. (10783)
- 10 ((pick* adj1 (complex or disease* or syndrome)) or (wilhemsen adj1 lynch) or ddpac or (lob* adj4 atroph*)).tw. (5920)
- 11 (huntington* or ((progressive or major or juvenile or hereditary) adj4 chorea)).tw. (21144)
- 12 (((kluver or kluever) adj4 bu?y) or (("temporal lobectomy" adj4 behavi*) or ("temporal lobe" adj4 dysfunction))).tw. (622)
- 13 ("lewy bod*" or dlb or lbd or dlbd).tw. (14609)
- 14 ("senile confusion" or "senile psychosis" or senilit*).tw. (871)
- 15 Tauopathies/ (2659)
- 16 tauopath*.tw. (5239)
- 17 cerad.tw. (935)
- 18 (Posterior adj cortic* adj atroph*).tw. (552)
- 19 sivd.tw. (179)

20 or/1-19 (354183)
 21 exp Anxiety Disorders/ (91528)
 22 (anxi* or neuros?s or neurotic or psychoneurosis or phobia* or phobic).tw. (284660)
 23 (neurocirculat* adj1 (asthenia or dystonia)).tw. (546)
 24 (effort adj1 syndrome*).tw. (101)
 25 (hyperkinetic adj1 heart).tw. (66)
 26 (cardioneurosis or cardiophobia).tw. (24)
 27 Da Costa syndrome.tw. (10)
 28 (functional heart complaint or neurogenic heart or soldier heart).tw. (39)
 29 catastroph*.tw. (27007)
 30 (koro or cothymia).tw. (213)
 31 (obsessi* adj1 compulsi*).tw. (20947)
 32 (obsessive syndrome* or ocd).tw. (11857)
 33 (anakastic adj1 personalit*).tw. (0)
 34 (compulsi* adj1 behavi*).tw. (1859)
 35 (repetit* adj1 (behavi* or compulsi*)).tw. (3891)
 36 hoard*.tw. (2058)
 37 (panic adj2 (attack* or disorder*)).tw. (12352)
 38 (agorophobi* or claustrophobi* or neophobi*).tw. (1883)
 39 (stress adj1 (disorder* or traumatic)).tw. (44964)
 40 psychastheria.tw. (0)
 41 (combat adj1 (disorder* or fatigue or stress)).tw. (535)
 42 (((post-traumatic or posttraumatic) adj1 (stress or psychosis or syndrome*)) or ptsd).tw. (49938)
 43 (astheni* adj1 (neuros?s or syndrome*)).tw. (228)
 44 exp Depressive Disorder/ or Depression/ (259894)
 45 (depress* or melanchol* or paraphreni* or dysthmi* or dys?ori*).tw. (570582)
 46 (seasonal adj2 disorder*).tw. (1462)
 47 unipolar disorder*.tw. (320)
 48 ((mourning or perry*) adj1 syndrome*).tw. (68)
 49 exp "schizophrenia spectrum and other psychotic disorders"/ (164204)
 50 (psychotic* or psychos?s or encephalopsychos?s).tw. (78624)
 51 (affective adj2 disorder*).tw. (18881)
 52 (capgras adj1 syndrome*).tw. (389)
 53 korsakoff.tw. (1037)
 54 delusion*.tw. (12429)
 55 paranoi*.tw. (9039)
 56 (psychogenic adj2 parasitos?s).tw. (8)
 57 morgellon*.tw. (84)
 58 (schizoaffective or schizo affective).tw. (6598)
 59 (persecution adj1 complex*).tw. (9)
 60 (persecutory adj1 idea*).tw. (166)
 61 (hallucin* or acouasm* or charles bonnet* or phantasmia or fata morgana).tw. (20753)
 62 megalomania*.tw. (52)
 63 (((morbid or pathologic*) adj1 jealousy) or othello syndrome*).tw. (138)
 64 (schizophreni* or hebephreni*).tw. (139812)
 65 ("folie a deux" or " folie a trois" or "folie a famille").tw. (313)
 66 ((negative or positive or defecit) adj1 (syndrome* or symptom*)).tw. (19857)
 67 Bipolar Disorder/ (45522)
 68 (bipolar or manic or mania* or cyclophreni* or cyclothymic or "rapid cycling mood disorder").tw. (84496)
 69 exp Substance-Related Disorders/ (313183)
 70 ((abuse* or misuse or use* or dependen* or disorder* or habit* or problem* or experiment* or taking or take*) adj4 (substance* or drug* or alcohol* or amphetamine* or methamphetamine* or cocaine or inhalant* or glue or cannabis or mari?uana or hashish or narcotic* or opiate* or opioid* or phencyclidine or "angel dust" or pcd or morphine or opium or heroin or analgesic* or benzodiazepine)).tw. (544132)

71 (glue adj1 sniff*).tw. (218)
 72 (alcoholic or alcoholism).tw. (90799)
 73 wernicke*.tw. (3790)
 74 (cerebral adj1 beriberi).tw. (6)
 75 toxicomania.tw. (159)
 76 exp Personality Disorders/ (45489)
 77 (personalit* adj2 (disorder* or disturbance* or change or "as if" or avoidant or impuls* or inadequate or narcissistic or antisocial or borderline or compulsive or obsessive or dependent or histrionic or negativistic or passive or "passive aggressive" or schizotypal)).tw. (28348)
 78 (behavio* adj4 dyssocial).tw. (10)
 79 (hysteria or hysterical).tw. (4079)
 80 (social adj2 (disorder* or disease* or pathology)).tw. (8513)
 81 sociopath*.tw. (430)
 82 (character adj2 (deviation* or disturbance* or neuros?s or problem or disorder*)).tw. (453)
 83 (obsess* adj4 trait).tw. (71)
 84 ("diogenes syndrome*" or "senile squalor syndrome*" or "social breakdown syndrome*").tw. (118)
 85 (narcism or "self love").tw. (85)
 86 (psychopath* or neuropsychopath).tw. (55643)
 87 (schizoid* or schizothym*).tw. (1180)
 88 or/21-87 (1809120)
 89 exp Self Care/ (62772)
 90 (self adj4 (care or manage* or monitor* or medicat* or treat*)).tw. (90715)
 91 exp Therapeutics/ (5269982)
 92 (therapy or therapies or therapeutic*).tw. (3458764)
 93 exp Disease Management/ (84493)
 94 (manage or managing or management or treat*).tw. (7722995)
 95 exp Rehabilitation/ (356662)
 96 (rehabilit* or habiliat* or reable* or re-able* or readapt* or readjust*).tw. (215705)
 97 or/89-96 (12090018)
 98 20 and 88 and 97 (22888)
 99 Meta-Analysis.pt. (189989)
 100 Meta-Analysis as Topic/ (23531)
 101 Review.pt. (3238381)
 102 exp Review Literature as Topic/ (23922)
 103 (metaanaly\$ or metanaly\$ or (meta adj3 analy\$)).tw. (288546)
 104 (review\$ or overview\$).ti. (782693)
 105 (systematic\$ adj5 (review\$ or overview\$)).tw. (335934)
 106 ((quantitative\$ or qualitative\$) adj5 (review\$ or overview\$)).tw. (17752)
 107 ((studies or trial\$) adj2 (review\$ or overview\$)).tw. (66804)
 108 (integrat\$ adj3 (research or review\$ or literature)).tw. (18992)
 109 (pool\$ adj2 (analy\$ or data)).tw. (45424)
 110 (handsearch\$ or (hand adj3 search\$)).tw. (11699)
 111 (manual\$ adj3 search\$).tw. (8864)
 112 or/99-111 (3742608)
 113 animals/ not humans/ (5137547)
 114 112 not 113 (3562749)
 115 98 and 114 (7177)
 116 Randomized Controlled Trial.pt. (603374)
 117 Controlled Clinical Trial.pt. (95455)
 118 Clinical Trial.pt. (539039)
 119 exp Clinical Trials as Topic/ (385901)
 120 Placebos/ (35934)
 121 Random Allocation/ (107040)
 122 Double-Blind Method/ (176679)

- 123 Single-Blind Method/ (33051)
- 124 Cross-Over Studies/ (55775)
- 125 ((random\$ or control\$ or clinical\$) adj3 (trial\$ or stud\$)).tw. (1600381)
- 126 (random\$ adj3 allocat\$).tw. (46405)
- 127 placebo\$.tw. (251062)
- 128 ((singl\$ or doubl\$ or trebl\$ or tripl\$) adj (blind\$ or mask\$)).tw. (200832)
- 129 (crossover\$ or (cross adj over\$)).tw. (101725)
- 130 or/116-129 (2448558)
- 131 animals/ not humans/ (5137547)
- 132 130 not 131 (2306434)
- 133 98 and 132 (4665)
- 134 Observational Studies as Topic/ (9174)
- 135 Observational Study/ (148783)
- 136 Epidemiologic Studies/ (9426)
- 137 exp Case-Control Studies/ (1459071)
- 138 exp Cohort Studies/ (2541289)
- 139 Cross-Sectional Studies/ (483744)
- 140 Controlled Before-After Studies/ (741)
- 141 Historically Controlled Study/ (231)
- 142 Interrupted Time Series Analysis/ (1939)
- 143 Comparative Study.pt. (1913330)
- 144 case control\$.tw. (161713)
- 145 case series.tw. (106641)
- 146 (cohort adj (study or studies)).tw. (330691)
- 147 cohort analy\$.tw. (12335)
- 148 (follow up adj (study or studies)).tw. (57095)
- 149 (observational adj (study or studies)).tw. (168447)
- 150 longitudinal.tw. (331923)
- 151 prospective.tw. (731690)
- 152 retrospective.tw. (772373)
- 153 cross sectional.tw. (533391)
- 154 134 or 135 or 136 or 137 or 138 or 139 or 140 or 141 or 142 or 143 or 144 or 145 or 146 or 147 or 148 or 149 or 150 or 151 or 152 or 153 (5600071)
- 155 animals/ not humans/ (5137547)
- 156 154 not 155 (5107895)
- 157 98 and 156 (5742)
- 158 115 or 133 or 157 (13991)
- 159 limit 158 to yr="2016 -Current" (5806)
- 160 limit 159 to italian (2)
- 161 limit 159 to english language (5643)
- 162 160 or 161 (5645)

Database: Embase <1974 to 2023 November 17>

Search Strategy:

- 1 exp *Dementia/ (266825)
- 2 (dementi* or pseudodementia).tw. (203320)
- 3 (alzheimer* or alzeimer* or (cortical adj4 sclerosis)).tw. (252664)
- 4 ((encephalopath* or cogniti* or neurocogniti*) adj4 (aids or hiv)).tw. (6675)
- 5 ((aphasi* adj4 (primary or progress*)) or mesulam* or ppa or (ftd adj4 temporal)).tw. (10086)
- 6 (((creutzfeldt or ja?ob*) adj4 (disease or syndrome)) or cjd or (spongiform adj4 encephalopath*) or "corticostriatal degeneration" or (pseudosclerosis adj4 spastic)).tw. (14501)
- 7 (binswanger* or ((subcortic* or "sub cortic*" or arterisclerotic) adj4 (encephalopath* or leukoencephalopath*)) or cadasil*).tw. (3776)
- 8 ((kosaka adj2 shibayama) or (neurofibrillary adj1 tangle*) or dntc).tw. (13386)

9 (((frontotemporal or (fronto adj temporal) or (corticobasal or (cortico adj basal) or (frontal adj lobe))) adj4 (degenerati* or dysfunction)) or ftld or ftlds or ftd or ftds).tw. (18057)
 10 ((pick* adj1 (complex or disease* or syndrome)) or (wilhemsen adj1 lynch) or ddpac or (lob* adj4 atroph*)).tw. (7877)
 11 (huntington* or ((progressive or major or juvenile or hereditary) adj4 chorea)).tw. (28535)
 12 (((kluver or kluever) adj4 bu?y) or (("temporal lobectomy" adj4 behavi*) or ("temporal lobe" adj4 dysfunction))).tw. (805)
 13 ("lewy bod*" or dlb or lbd or dlbd).tw. (21688)
 14 ("senile confusion" or "senile psychosis" or senilit*).tw. (947)
 15 *tauopathy/ (3090)
 16 tauopath*.tw. (8125)
 17 cerad.tw. (1762)
 18 (Posterior adj cortic* adj atroph*).tw. (971)
 19 sivd.tw. (245)
 20 or/1-19 (480239)
 21 exp anxiety disorder/ (324102)
 22 (anxiet* or neuros?s or neurotic or psychoneurosis or phobia* or phobic).tw. (395527)
 23 (neurocirculat* adj1 (asthenia or dystonia)).tw. (382)
 24 (effort adj1 syndrome*).tw. (63)
 25 (hyperkinetic adj1 heart).tw. (85)
 26 (cardioneurosis or cardiophobia).tw. (31)
 27 Da Costa syndrome.tw. (9)
 28 (functional heart complaint or neurogenic heart or soldier heart).tw. (37)
 29 catastroph*.tw. (35712)
 30 (koro or cothymia).tw. (243)
 31 (obsessi* adj1 compulsi*).tw. (29064)
 32 (obsessive syndrome* or ocd).tw. (17471)
 33 (anakastic adj1 personalit*).tw. (1)
 34 (compulsi* adj1 behavi*).tw. (2929)
 35 (repetit* adj1 (behavi* or compulsi*)).tw. (5310)
 36 hoard*.tw. (2527)
 37 (panic adj2 (attack* or disorder*)).tw. (16542)
 38 (agorophobi* or claustrophobi* or neophobi*).tw. (2682)
 39 (stress adj1 (disorder* or traumatic)).tw. (55348)
 40 psychastheria.tw. (0)
 41 (combat adj1 (disorder* or fatigue or stress)).tw. (657)
 42 (((post-traumatic or posttraumatic) adj1 (stress or psychosis or syndrome*)) or ptsd).tw. (63436)
 43 (astheni* adj1 (neuros?s or syndrome*)).tw. (295)
 44 exp depression/ (629713)
 45 (depress* or melanchol* or paraphreni* or dysthmi* or dys?ori*).tw. (764044)
 46 (seasonal adj2 disorder*).tw. (1825)
 47 unipolar disorder*.tw. (428)
 48 ((mourning or perry*) adj1 syndrome*).tw. (124)
 49 exp schizophrenia/ (207305)
 50 (psychotic* or psychos?s or encephalopsychos?s).tw. (113039)
 51 (affective adj2 disorder*).tw. (25903)
 52 (capgras adj1 syndrome*).tw. (504)
 53 korsakoff.tw. (1261)
 54 delusion*.tw. (19051)
 55 paranoi*.tw. (13056)
 56 (psychogenic adj2 parasitos?s).tw. (6)
 57 morgellon*.tw. (110)
 58 (schizoaffective or schizo affective).tw. (10125)
 59 (persecution adj1 complex*).tw. (8)

60 (persecutory adj1 idea*).tw. (252)

61 (hallucin* or acouasm* or charles bonnet* or phantosmia or fata morgana).tw. (31790)

62 megalomania*.tw. (122)

63 (((morbid or pathologic*) adj1 jealousy) or othello syndrome*).tw. (192)

64 (schizophreni* or hebephreni*).tw. (185623)

65 ("folie a deux" or " folie a trois" or "folie a famille").tw. (343)

66 ((negative or positive or defecit) adj1 (syndrome* or symptom*)).tw. (30076)

67 bipolar disorder/ (67562)

68 (bipolar or manic or mania* or cyclophreni* or cyclothymic or "rapid cycling mood disorder").tw. (121212)

69 exp drug dependence/ (279119)

70 ((abuse* or misuse or use* or dependen* or disorder* or habit* or problem* or experiment* or taking or take*) adj4 (substance* or drug* or alcohol* or amphetamine* or methamphetamine* or cocaine or inhalant* or glue or cannabis or mari?uana or hashish or narcotic* or opiate* or opioid* or phencyclidine or "angel dust" or pcd or morphine or opium or heroin or analgesic* or benzodiazepine)).tw. (745941)

71 (glue adj1 sniff*).tw. (262)

72 (alcoholic or alcoholism).tw. (134746)

73 wernicke*.tw. (5037)

74 wernicke*.tw. (5037)

75 toxicomania.tw. (211)

76 exp personality disorder/ (68824)

77 (personalit* adj2 (disorder* or disturbance* or change or "as if" or avoidant or impuls* or inadequate or narcissistic or antisocial or borderline or compulsive or obsessive or dependent or histrionic or negativistic or passive or "passive aggressive" or schizotypal)).tw. (38024)

78 (behavio* adj4 dyssocial).tw. (8)

79 (hysteria or hysterical).tw. (4356)

80 (social adj2 (disorder* or disease* or pathology)).tw. (11249)

81 sociopath*.tw. (524)

82 (character adj2 (deviation* or disturbance* or neuros?s or problem or disorder*)).tw. (430)

83 (obsess* adj4 trait).tw. (106)

84 ("diogenes syndrome*" or "senile squalor syndrome*" or "social breakdown syndrome*").tw. (167)

85 (narcism or "self love").tw. (114)

86 (psychopath* or neuropsychopath).tw. (72624)

87 (schizoid* or schizothym*).tw. (1566)

88 or/21-87 (2477231)

89 exp *self care/ (34729)

90 (self adj4 (care or manage* or monitor* or medicat* or treat*)).tw. (127778)

91 exp *therapy/ (3721490)

92 (therapy or therapies or therapeutic*).tw. (4969245)

93 exp *disease management/ (595965)

94 (manage or managing or management or treat*).tw. (10500906)

95 exp *rehabilitation/ (134558)

96 (rehabilit* or habiliat* or reable* or re-able* or readapt* or readjust*).tw. (301738)

97 89 or 90 or 91 or 92 or 93 or 94 or 95 or 96 (14464668)

98 20 and 88 and 97 (35531)

99 "meta analysis (topic)"/ or meta analysis/ (346706)

100 "systematic review"/ or "systematic review (topic)"/ (468483)

101 (metaanaly\$ or metanaly\$ or (meta adj3 analy\$)).tw. (366294)

102 (review\$ or overview\$).ti. (895515)

103 (systematic\$ adj5 (review\$ or overview\$)).tw. (407405)

104 ((quantitative\$ or qualitative\$) adj5 (review\$ or overview\$)).tw. (21326)

105 ((studies or trial\$) adj2 (review\$ or overview\$)).tw. (80242)

106 (integrat\$ adj3 (research or review\$ or literature)).tw. (21693)

107 (pool\$ adj2 (analy\$ or data)).tw. (66996)

108 (handsearch\$ or (hand adj3 search\$)).tw. (14228)

109 (manual\$ adj3 search\$).tw. (10630)
110 or/99-109 (1398314)
111 animal/ not human/ (1203515)
112 110 not 111 (1386564)
113 98 and 112 (3427)
114 Randomized Controlled Trial.pt. (0)
115 Controlled Clinical Trial.pt. (0)
116 Clinical Trial.pt. (0)
117 exp Clinical Trials as Topic/ (449996)
118 Placebos/ (348033)
119 Random Allocation/ (92606)
120 Double-Blind Method/ (187525)
121 Single-Blind Method/ (50323)
122 Cross-Over Studies/ (68402)
123 ((random\$ or control\$ or clinical\$) adj3 (trial\$ or stud\$)).tw. (2228372)
124 (random\$ adj3 allocat\$).tw. (57622)
125 placebo\$.tw. (370443)
126 ((singl\$ or doubl\$ or trebl\$ or tripl\$) adj (blind\$ or mask\$)).tw. (283853)
127 (crossover\$ or (cross adj over\$)).tw. (127369)
128 or/114-127 (2840989)
129 animals/ not humans/ (1082328)
130 128 not 129 (2806833)
131 98 and 130 (7669)
132 Observational Study/ (344572)
133 epidemiology/ (246708)
134 exp case control study/ (227755)
135 exp cohort analysis/ (1072932)
136 cross-sectional study/ (593126)
137 Controlled Before-After.mp. (535)
138 Historically Controlled Study.mp. (97)
139 Interrupted Time Series Analysis.mp. (3324)
140 comparative study/ (1034277)
141 case control\$.tw. (213740)
142 case series.tw. (150152)
143 (cohort adj (study or studies)).tw. (476498)
144 cohort analy\$.tw. (19868)
145 (follow up adj (study or studies)).tw. (74510)
146 (observational adj (study or studies)).tw. (261032)
147 longitudinal.tw. (448552)
148 prospective.tw. (1117392)
149 retrospective.tw. (1280179)
150 cross sectional.tw. (695493)
151 or/132-150 (5474320)
152 animal/ not human/ (1203515)
153 151 not 152 (5346118)
154 98 and 153 (7265)
155 113 or 131 or 154 (14901)
156 limit 155 to italian (32)
157 limit 155 to english language (14263)
158 156 or 157 (14293)
159 limit 158 to yr="2016 -Current" (7623)

Review question 12b

What are the optimal management strategies (including treatments) for people with Mild cognitive impairment (MCI) and an enduring mental health condition?

Number of records per database

Database	Records
Cochrane Database of Systematic Reviews	13
CENTRAL	1021
MEDLINE	2620
Embase	2388
Total (Database)	6042
Total (Database) after removing duplicates	4544

Filters: Systematic review, RCT, observational studies

Cochrane Library issue11, 2023

#1	MeSH descriptor: [Cognitive Dysfunction] explode all trees	3123	
#2	((mild NEXT cogniti*) NEAR/3 (dysfunction* or disorder* or impair* or declin* or deteriorat* or decrement*)):ti,ab	4328	
#3	MCI:ti,ab	3589	
#4	#1 OR #2 OR #3	7339	
#5	MeSH descriptor: [Anxiety Disorders] explode all trees	9234	
#6	(anxiet* or neuroses or neurosis or neurotic or psychoneurosis or phobia* or phobic):ti,ab	66217	
#7	(neurocirculat* NEXT (asthenia or dystonia)):ti,ab	8	
#8	(effort NEXT syndrome*):ti,ab	1	
#9	(hyperkinetic NEXT heart):ti,ab	16	
#10	(cardioneurosis or cardiophobia):ti,ab	1	
#11	"Da Costa syndrome"	0	
#12	((functional NEXT heart NEXT complaint) or (neurogenic NEXT heart) or (soldier NEXT heart)):ti,ab	2	
#13	catastroph*:ti,ab	2524	
#14	(koro or cothymia):ti,ab	5	
#15	(obsessi* NEXT compulsi*):ti,ab	3277	
#16	((obsessive NEXT syndrome*) or ocd):ti,ab	1947	
#17	(compulsi* NEXT behavi*):ti,ab	153	
#18	(repetit* NEAR/1 (behavi* or compulsi*)):ti,ab	379	
#19	hoard*:ti,ab	101	
#20	(panic NEAR/2 (attack* or disorder*)):ti,ab	2482	
#21	(agorophobi* or claustrophobi* or neophobi*):ti,ab	275	
#22	(stress NEAR/1 (disorder* or traumatic))	8667	
#23	psychastheria:ti,ab	0	
#24	(combat NEAR/1 (disorder* or fatigue or stress)):ti,ab	41	
#25	((("post-traumatic" or posttraumatic) NEAR/1 (stress or psychosis or syndrome*)) or ptsd):ti,ab	7648	
#26	(astheni* NEAR/1 (neuros* or syndrome*)):ti,ab	36	
#27	MeSH descriptor: [Depressive Disorder] explode all trees	15332	
#28	MeSH descriptor: [Depression] explode all trees	18751	
#29	(depress* or melanchol* or paraphreni* or dysthmi* or dysphori*):ti,ab	101198	
#30	(seasonal NEAR/2 disorder*):ti,ab	352	
#31	(seasonal NEAR/2 disorder*):ti,ab	352	
#32	((mourning or perry*) NEAR/1 syndrome*):ti,ab	0	
#33	MeSH descriptor: [Schizophrenia Spectrum and Other Psychotic Disorders] explode all trees	12249	

#34 (psychotic* or psychoses or psychosis or encephalopsychoses or encephalopsychosis):ti,ab 9802

#35 (affective NEAR/2 disorder*):ti,ab 1910

#36 (capgras NEAR/1 syndrome*):ti,ab 2

#37 korsakoff:ti,ab 65

#38 delusion*:ti,ab 1278

#39 paranoi*:ti,ab 740

#40 ((psychogenic NEAR/2 parasitoses) or (psychogenic NEAR/2 parasitosis)):ti,ab 0

#41 morgellon*:ti,ab 0

#42 (schizo affective or schizo affective):ti,ab 1950

#43 (persecution NEAR/1 complex*):ti,ab 0

#44 (persecutory NEAR/1 idea*):ti,ab 17

#45 (hallucin* or acouasm* or charles bonnet* or phantosmia or fata morgana):ti,ab 2319

#46 megalomania*:ti,ab 0

#47 (((morbid or pathologic*) NEAR/1 jealousy) or othello syndrome*):ti,ab 0

#48 (schizophreni* or hebephreni*):ti,ab 18486

#49 ("folie a deux" or " folie a trois" or "folie a famille"):ti,ab 0

#50 ((negative or positive or defecit) NEAR/1 (syndrome* or symptom*)):ti,ab 5895

#51 MeSH descriptor: [Bipolar Disorder] 1 tree(s) exploded 0

#52 (bipolar or manic or mania* or cyclophreni* or cyclothymic or "rapid cycling mood disorder"):ti,ab 10070

#53 MeSH descriptor: [Substance-Related Disorders] explode all trees 19884

#54 ((abuse* or misuse or use* or dependen* or disorder* or habit* or problem* or experiment* or taking or take*) NEAR/4 (substance* or drug* or alcohol* or amphetamine* or methamphetamine* or cocaine or inhalant* or glue or cannabis or mari?uana or hashish or narcotic* or opiate* or opioid* or phencyclidine or "angel dust" or pcd or morphine or opium or heroin or analgesic* or benzodiazepine)):ti,ab 76685

#55 (glue NEAR/1 sniff*):ti,ab 0

#56 (alcoholic or alcoholism):ti,ab 7770

#57 wernicke*:ti,ab 108

#58 (cerebral NEAR/1 beriberi):ti,ab 0

#59 toxicomania:ti,ab2

#60 MeSH descriptor: [Personality Disorders] explode all trees 1763

#61 (personalit* NEAR/2 (disorder* or disturbance* or change or "as if" or avoidant or impuls* or inadequate or narcissistic or antisocial or borderline or compulsive or obsessive or dependent or histrionic or negativistic or passive or "passive aggressive" or schizotypal)):ti,ab 2501

#62 (behavio* NEAR/4 dyssocial):ti,ab 0

#63 (hysteria or hysterical):ti,ab 58

#64 (social NEAR/2 (disorder* or disease* or pathology)):ti,ab 1611

#65 sociopath*:ti,ab 15

#66 (character NEAR/2 (deviation* or disturbance* or neuros?s or problem or disorder*)):ti,ab 7

#67 (obsess* NEAR/4 trait):ti,ab 7

#68 ((diogenes NEXT syndrome*) or ("senile squalor" NEXT syndrome*) or ("social breakdown" NEXT syndrome*)):ti,ab 0

#69 (narcism or "self love"):ti,ab 8

#70 (psychopath* or neuropsychopath):ti,ab 4564

#71 (schizoid* or schizothym*):ti,ab 23

#72 {OR #5-#71} 245998

#73 MeSH descriptor: [Self Care] explode all trees 7621

#74 (self NEAR/4 (care or manage* or monitor* or medicat* or treat*)):ti,ab 28976

#75 MeSH descriptor: [Therapeutics] explode all trees 413632

#76 (therapy or therapies or therapeutic*):ti,ab 465759

#77 MeSH descriptor: [Disease Management] explode all trees 6530

#78 (manage or managing or management or treat*):ti,ab 1014626

#79 MeSH descriptor: [Rehabilitation] explode all trees 51535

#80 (rehabilit* or habiliat* or reable* or re-able* or readapt* or readjust*):ti,ab 46824

#81	{OR #73-#80}	1294582
#82	#4 AND #72 AND #81 with Cochrane Library publication date from Jan 1999 to present, in Cochrane Reviews	13
#83	#4 AND #72 AND #81 with Publication Year from 1999 to present, in Trials	1021

Database: Ovid MEDLINE(R) ALL <1946 to December 09, 2022>

Database: Ovid MEDLINE(R) ALL <1946 to November 20, 2023>

Search Strategy:

- 1 Cognitive Dysfunction/ (37525)
- 2 (mild cogniti* adj3 (dysfunction* or disorder* or impair* or declin* or deteriorat* or decrement*)).ti,ab,kf. (26176)
- 3 MCI.ti,ab. (23579)
- 4 1 or 2 or 3 (59464)
- 5 exp Anxiety Disorders/ (91589)
- 6 (anxiet* or neuros?s or neurotic or psychoneurosis or phobia* or phobic).tw. (285190)
- 7 (neurocirculat* adj1 (asthenia or dystonia)).tw. (546)
- 8 (effort adj1 syndrome*).tw. (101)
- 9 (hyperkinetic adj1 heart).tw. (66)
- 10 (cardioneurosis or cardiophobia).tw. (24)
- 11 Da Costa syndrome.tw. (10)
- 12 (functional heart complaint or neurogenic heart or soldier heart).tw. (39)
- 13 catastroph*.tw. (27063)
- 14 (koro or cothymia).tw. (213)
- 15 (obsessi* adj1 compulsi*).tw. (20972)
- 16 (obsessive syndrome* or ocd).tw. (11873)
- 17 (anakastic adj1 personalit*).tw. (0)
- 18 (compulsi* adj1 behavi*).tw. (1861)
- 19 (repetit* adj1 (behavi* or compulsi*)).tw. (3898)
- 20 hoard*.tw. (2060)
- 21 (panic adj2 (attack* or disorder*)).tw. (12360)
- 22 (agorophobi* or claustrophobi* or neophobi*).tw. (1884)
- 23 (stress adj1 (disorder* or traumatic)).tw. (45026)
- 24 psychastheria.tw. (0)
- 25 (combat adj1 (disorder* or fatigue or stress)).tw. (537)
- 26 (((post-traumatic or posttraumatic) adj1 (stress or psychosis or syndrome*)) or ptsd).tw. (50012)
- 27 (astheni* adj1 (neuros?s or syndrome*)).tw. (228)
- 28 exp Depressive Disorder/ or Depression/ (260061)
- 29 (depress* or melanchol* or paraphreni* or dysthmi* or dys?ori*).tw. (571313)
- 30 (seasonal adj2 disorder*).tw. (1462)
- 31 unipolar disorder*.tw. (322)
- 32 ((mourning or perry*) adj1 syndrome*).tw. (68)
- 33 exp "schizophrenia spectrum and other psychotic disorders"/ (164261)
- 34 (psychotic* or psychos?s or encephalopsychos?s).tw. (78699)
- 35 (affective adj2 disorder*).tw. (18890)
- 36 (capgras adj1 syndrome*).tw. (390)
- 37 korsakoff.tw. (1038)
- 38 delusion*.tw. (12439)
- 39 paranoi*.tw. (9045)
- 40 (psychogenic adj2 parasitos?s).tw. (8)
- 41 morgellon*.tw. (84)
- 42 (schizoaffective or schizo affective).tw. (6602)
- 43 (persecution adj1 complex*).tw. (9)

44 (persecutory adj1 idea*).tw. (166)
 45 (hallucin* or acouasm* or charles bonnet* or phantosmia or fata morgana).tw. (20779)
 46 megalomania*.tw. (52)
 47 (((morbid or pathologic*) adj1 jealousy) or othello syndrome*).tw. (138)
 48 (schizophreni* or hebephreni*).tw. (139916)
 49 ("folie a deux" or "folie a trois" or "folie a famille").tw. (313)
 50 ((negative or positive or defecit) adj1 (syndrome* or symptom*)).tw. (19882)
 51 Bipolar Disorder/ (45538)
 52 (bipolar or manic or mania* or cyclophreni* or cyclothymic or "rapid cycling mood disorder").tw. (84580)
 53 exp Substance-Related Disorders/ (313343)
 54 ((abuse* or misuse or use* or dependen* or disorder* or habit* or problem* or experiment* or taking or take*) adj4 (substance* or drug* or alcohol* or amphetamine* or methamphetamine* or cocaine or inhalant* or glue or cannabis or mari?uana or hashish or narcotic* or opiate* or opioid* or phencyclidine or "angel dust" or pcd or morphine or opium or heroin or analgesic* or benzodiazepine)).tw. (544701)
 55 (glue adj1 sniff*).tw. (218)
 56 (alcoholic or alcoholism).tw. (90870)
 57 wernicke*.tw. (3791)
 58 (cerebral adj1 beriberi).tw. (6)
 59 toxicomania.tw. (159)
 60 exp Personality Disorders/ (45501)
 61 (personalit* adj2 (disorder* or disturbance* or change or "as if" or avoidant or impuls* or inadequate or narcissistic or antisocial or borderline or compulsive or obsessive or dependent or histrionic or negativistic or passive or "passive aggressive" or schizotypal)).tw. (28379)
 62 (behavio* adj4 dyssocial).tw. (10)
 63 (hysteria or hysterical).tw. (4079)
 64 (social adj2 (disorder* or disease* or pathology)).tw. (8525)
 65 sociopath*.tw. (430)
 66 (character adj2 (deviation* or disturbance* or neuros?s or problem or disorder*)).tw. (453)
 67 (obsess* adj4 trait).tw. (71)
 68 ("diogenes syndrome*" or "senile squalor syndrome*" or "social breakdown syndrome*").tw. (118)
 69 (narcism or "self love").tw. (85)
 70 (psychopath* or neuropsychopath).tw. (55683)
 71 (schizoid* or schizothym*).tw. (1180)
 72 or/5-71 (1810916)
 73 exp Self Care/ (62793)
 74 (self adj4 (care or manage* or monitor* or medicat* or treat*)).tw. (90911)
 75 exp Therapeutics/ (5272170)
 76 (therapy or therapies or therapeutic*).tw. (3462748)
 77 exp Disease Management/ (84515)
 78 (manage or managing or management or treat*).tw. (7731467)
 79 exp Rehabilitation/ (356875)
 80 (rehabilit* or habiliat* or reable* or re-able* or readapt* or readjust*).tw. (215980)
 81 or/73-80 (12101117)
 82 4 and 72 and 81 (4386)
 83 Meta-Analysis.pt. (190383)
 84 Meta-Analysis as Topic/ (23547)
 85 Review.pt. (3240597)
 86 exp Review Literature as Topic/ (23980)
 87 (metaanaly\$ or metanaly\$ or (meta adj3 analy\$)).tw. (289304)
 88 (review\$ or overview\$).ti. (784087)
 89 (systematic\$ adj5 (review\$ or overview\$)).tw. (336890)
 90 ((quantitative\$ or qualitative\$) adj5 (review\$ or overview\$)).tw. (17800)
 91 ((studies or trial\$) adj2 (review\$ or overview\$)).tw. (66916)
 92 (integrat\$ adj3 (research or review\$ or literature)).tw. (19036)

93 (pool\$ adj2 (analy\$ or data)).tw. (45490)
94 (handsearch\$ or (hand adj3 search\$)).tw. (11711)
95 (manual\$ adj3 search\$).tw. (8877)
96 or/83-95 (3745832)
97 animals/ not humans/ (5139215)
98 96 not 97 (3565931)
99 82 and 98 (951)
100 limit 99 to yr="1999 -Current" (946)
101 Randomized Controlled Trial.pt. (603829)
102 Controlled Clinical Trial.pt. (95462)
103 Clinical Trial.pt. (539085)
104 exp Clinical Trials as Topic/ (386164)
105 Placebos/ (35934)
106 Random Allocation/ (107042)
107 Double-Blind Method/ (176718)
108 Single-Blind Method/ (33074)
109 Cross-Over Studies/ (55792)
110 ((random\$ or control\$ or clinical\$) adj3 (trial\$ or stud\$)).tw. (1602840)
111 (random\$ adj3 allocat\$).tw. (46474)
112 placebo\$.tw. (251278)
113 ((singl\$ or doubl\$ or trebl\$ or tripl\$) adj (blind\$ or mask\$)).tw. (201021)
114 (crossover\$ or (cross adj over\$)).tw. (101806)
115 or/101-114 (2451214)
116 animals/ not humans/ (5139215)
117 115 not 116 (2309051)
118 82 and 117 (971)
119 limit 118 to yr="1999 -Current" (963)
120 Observational Studies as Topic/ (9188)
121 Observational Study/ (149074)
122 Epidemiologic Studies/ (9432)
123 exp Case-Control Studies/ (1460593)
124 exp Cohort Studies/ (2543469)
125 Cross-Sectional Studies/ (484703)
126 Controlled Before-After Studies/ (741)
127 Historically Controlled Study/ (231)
128 Interrupted Time Series Analysis/ (1946)
129 Comparative Study.pt. (1913361)
130 case control\$.tw. (161934)
131 case series.tw. (106788)
132 (cohort adj (study or studies)).tw. (331532)
133 cohort analy\$.tw. (12372)
134 (follow up adj (study or studies)).tw. (57141)
135 (observational adj (study or studies)).tw. (168856)
136 longitudinal.tw. (332512)
137 prospective.tw. (732782)
138 retrospective.tw. (773814)
139 cross sectional.tw. (534830)
140 120 or 121 or 122 or 123 or 124 or 125 or 126 or 127 or 128 or 129 or 130 or 131 or 132 or 133 or 134 or 135 or 136 or 137 or 138 or 139 (5605353)
141 or/120-140 (5605353)
142 animals/ not humans/ (5139215)
143 141 not 142 (5113133)
144 82 and 143 (1483)
145 limit 144 to yr="1999 -Current" (1473)

- 146 100 or 119 or 145 (2733)
- 147 limit 146 to english language (2619)
- 148 limit 146 to italian (1)
- 149 147 or 148 (2620)

Database: Embase <1974 to 2023 November 17>

Search Strategy:

- 1 mild cognitive impairment/ (37765)
- 2 (mild cogniti* adj3 (dysfunction* or disorder* or impair* or declin* or deteriorat* or decrement*)),ti,ab. (38201)
- 3 MCI.ti,ab. (41922)
- 4 1 or 2 or 3 (65013)
- 5 exp anxiety disorder/ (324102)
- 6 (anxiet* or neuros?s or neurotic or psychoneurosis or phobia* or phobic).tw. (395527)
- 7 (neurocirculat* adj1 (asthenia or dystonia)).tw. (382)
- 8 (effort adj1 syndrome*).tw. (63)
- 9 (hyperkinetic adj1 heart).tw. (85)
- 10 (cardioneurosis or cardiophobia).tw. (31)
- 11 Da Costa syndrome.tw. (9)
- 12 (functional heart complaint or neurogenic heart or soldier heart).tw. (37)
- 13 catastroph*.tw. (35712)
- 14 (koro or cothymia).tw. (243)
- 15 (obsessi* adj1 compulsi*).tw. (29064)
- 16 (obsessive syndrome* or ocd).tw. (17471)
- 17 (anakastic adj1 personalit*).tw. (1)
- 18 (compulsi* adj1 behavi*).tw. (2929)
- 19 (repetit* adj1 (behavi* or compulsi*)).tw. (5310)
- 20 hoard*.tw. (2527)
- 21 (panic adj2 (attack* or disorder*)).tw. (16542)
- 22 (agorophobi* or claustrophobi* or neophobi*).tw. (2682)
- 23 (stress adj1 (disorder* or traumatic)).tw. (55348)
- 24 psychastheria.tw. (0)
- 25 (combat adj1 (disorder* or fatigue or stress)).tw. (657)
- 26 (((post-traumatic or posttraumatic) adj1 (stress or psychosis or syndrome*)) or ptsd).tw. (63436)
- 27 (astheni* adj1 (neuros?s or syndrome*)).tw. (295)
- 28 exp depression/ (629713)
- 29 (depress* or melanchol* or paraphreni* or dysthmi* or dys?ori*).tw. (764044)
- 30 (seasonal adj2 disorder*).tw. (1825)
- 31 unipolar disorder*.tw. (428)
- 32 ((mourning or perry*) adj1 syndrome*).tw. (124)
- 33 exp schizophrenia/ (207305)
- 34 (psychotic* or psychos?s or encephalopsychos?s).tw. (113039)
- 35 (affective adj2 disorder*).tw. (25903)
- 36 (capgras adj1 syndrome*).tw. (504)
- 37 korsakoff.tw. (1261)
- 38 delusion*.tw. (19051)
- 39 paranoi*.tw. (13056)
- 40 (psychogenic adj2 parasitos?s).tw. (6)
- 41 morgellon*.tw. (110)
- 42 (schizoaffective or schizo affective).tw. (10125)
- 43 (persecution adj1 complex*).tw. (8)
- 44 (persecutory adj1 idea*).tw. (252)
- 45 (hallucin* or acouasm* or charles bonnet* or phantosmia or fata morgana).tw. (31790)
- 46 megalomania*.tw. (122)
- 47 (((morbid or pathologic*) adj1 jealousy) or othello syndrome*).tw. (192)

48 (schizophreni* or hebephreni*).tw. (185623)
 49 ("folie a deux" or " folie a trois" or "folie a famille").tw. (343)
 50 ((negative or positive or defecit) adj1 (syndrome* or symptom*)).tw. (30076)
 51 bipolar disorder/ (67562)
 52 (bipolar or manic or mania* or cyclophreni* or cyclothymic or "rapid cycling mood disorder").tw. (121212)
 53 exp drug dependence/ (279119)
 54 ((abuse* or misuse or use* or dependen* or disorder* or habit*or problem* or experiment* or taking or take*)
 adj4 (substance* or drug* or alcohol* or amphetamine* or methamphetamine* or cocaine or inhalant* or glue or
 cannabis or mari?uana or hashish or narcotic* or opiate* or opioid* or phencyclidine or "angel dust" or pcd or
 morphine or opium or heroin or analgesic*or benzodiazepine)).tw. (745941)
 55 (glue adj1 sniff*).tw. (262)
 56 (alcoholic or alcoholism).tw. (134746)
 57 wernicke*.tw. (5037)
 58 wernicke*.tw. (5037)
 59 toxicomania.tw. (211)
 60 exp personality disorder/ (68824)
 61 (personalit* adj2 (disorder* or disturbance* or change or "as if" or avoidant or impuls* or inadequate or
 narcissistic or antisocial or borderline or compulsive or obsessive or dependent or histrionic or negativistic or passive
 or "passive aggressive" or schizotypal)).tw. (38024)
 62 (behavio* adj4 dyssocial).tw. (8)
 63 (hysteria or hysterical).tw. (4356)
 64 (social adj2 (disorder* or disease* or pathology)).tw. (11249)
 65 sociopath*.tw. (524)
 66 (character adj2 (deviation* or disturbance*or neuros?s or problem or disorder*)).tw. (430)
 67 (obsess* adj4 trait).tw. (106)
 68 ("diogenes syndrome*" or "senile squalor syndrome*" or "social breakdown syndrome*").tw. (167)
 69 (narcism or "self love").tw. (114)
 70 (psychopath* or neuropsychopath).tw. (72624)
 71 (schizoid* or schizothym*).tw. (1566)
 72 or/5-71 (2477231)
 73 exp self care/ (104055)
 74 (self adj4 (care or manage* or monitor* or medicat* or treat*)).tw. (127778)
 75 exp therapy/ (10425844)
 76 exp therapy/ (10425844)
 77 (therapy or therapies or therapeutic*).tw. (4969245)
 78 exp disease management/ (3863468)
 79 (manage or managing or management or treat*).tw. (10500906)
 80 exp rehabilitation/ (492762)
 81 (rehabilit* or habiliat* or reable* or re-able* or readapt* or readjust*).tw. (301738)
 82 or/73-81 (18116334)
 83 4 and 72 and 82 (4993)
 84 "meta analysis (topic)"/ or meta analysis/ (346706)
 85 "systematic review"/ or "systematic review (topic)"/ (468483)
 86 (metaanaly\$ or metanaly\$ or (meta adj3 analy\$)).tw. (366294)
 87 (review\$ or overview\$).ti. (895515)
 88 (systematic\$ adj5 (review\$ or overview\$)).tw. (407405)
 89 ((quantitative\$ or qualitative\$) adj5 (review\$ or overview\$)).tw. (21326)
 90 ((studies or trial\$) adj2 (review\$ or overview\$)).tw. (80242)
 91 (integrat\$ adj3 (research or review\$ or literature)).tw. (21693)
 92 (pool\$ adj2 (analy\$ or data)).tw. (66996)
 93 (handsearch\$ or (hand adj3 search\$)).tw. (14228)
 94 (manual\$ adj3 search\$).tw. (10630)
 95 or/84-94 (1398314)
 96 animals/ not humans/ (1082328)

97 95 not 96 (1387774)
98 83 and 97 (561)
99 Clinical-Trial/ or Randomized-Controlled-Trial/ or Randomization/ or Single-Blind-Procedure/ or Double-Blind-Procedure/ or Crossover-Procedure/ or Prospective-Study/ or Placebo/ (2572989)
100 (((clinical or control or controlled) adj (study or trial)) or ((single or double or triple) adj (blind\$3 or mask\$3)) or (random\$ adj (assign\$ or allocat\$ or group or grouped or patients or study or trial or distribut\$)) or (crossover adj (design or study or trial)) or placebo or placebos).ti,ab. (1390904)
101 99 or 100 (3117696)
102 83 and 101 (1061)
103 animal/ not human/ (1203515)
104 102 not 103 (1061)
105 Observational Study/ (344572)
106 epidemiology/ (246708)
107 exp case control study/ (227755)
108 exp cohort analysis/ (1072932)
109 cross-sectional study/ (593126)
110 Controlled Before-After.mp. (535)
111 Historically Controlled Study.mp. (97)
112 Interrupted Time Series Analysis.mp. (3324)
113 comparative study/ (1034277)
114 case control\$.tw. (213740)
115 case series.tw. (150152)
116 (cohort adj (study or studies)).tw. (476498)
117 cohort analy\$.tw. (19868)
118 (follow up adj (study or studies)).tw. (74510)
119 (observational adj (study or studies)).tw. (261032)
120 longitudinal.tw. (448552)
121 prospective.tw. (1117392)
122 retrospective.tw. (1280179)
123 cross sectional.tw. (695493)
124 or/105-123 (5474320)
125 animal/ not human/ (1203515)
126 124 not 125 (5346118)
127 83 and 126 (1450)
128 98 or 104 or 127 (2444)
129 limit 128 to yr="1999 -Current" (2431)
130 limit 129 to english language (2388)

Review question 13

What are the most effective ways of managing the transition between different settings (home, care home, hospital, and respite) for people living with dementia?

Number of records per database

Database	Records
Cochrane Database of Systematic Reviews	11
CENTRAL	517
MEDLINE	2110
Embase	4357
Total (Database)	6995
Total (Database) after removing duplicates	4978

Filters: Systematic review, RCT, observational studies

Cochrane Library Issue (issue 11, 2023)

#1	MeSH descriptor: [Dementia] explode all trees	9336
#2	(dementi* OR pseudodementia):ti,ab	15623
#3	(alzheimer* OR alzeimer* OR (cortical NEAR/4 sclerosis)):ti,ab	12922
#4	((encephalopath* OR cogniti* OR neurocogniti*) NEAR/4 (aids OR hiv)):ti,ab	468
#5	((aphasi* NEAR/4 (primary OR progress*)) OR mesulam* OR ppa OR (ftd NEAR/4 temporal)):ti,ab	663
#6	((creutzfeldt OR jakob*) NEAR/4 (disease OR syndrome)) OR cjd OR (spongiform NEAR/4 encephalopath*) OR "corticostriatospinal degeneration" OR (pseudosclerosis NEAR/4 spastic):ti,ab	64
#7	(binswanger* OR ((subcortic* OR arteriosclerotic) NEAR/4 (encephalopath* OR leukoencephalopath*)) OR cadasil*):ti,ab	45
#8	((sub NEXT cortic*) NEAR/4 (encephalopath* OR leukoencephalopath*)):ti,ab	0
#9	((kosaka NEAR/2 shibayama) OR (neurofibrillary NEXT tangle*) OR dntc):ti,ab	81
#10	((frontotemporal OR (fronto NEXT temporal) OR (corticobasal OR (cortico NEXT basal) OR (frontal NEXT lobe))) NEAR/4 (degenerati* or dysfunction)) OR ftld OR ftlds OR ftd OR ftds):ti,ab	364
#11	(pick* NEAR/1 (complex OR disease* OR syndrome)):ti,ab	50
#12	((wilhemsen NEAR/1 lynch) OR ddpac OR (lob* NEAR/4 atroph*)):ti,ab	72
#13	(huntington* OR ((progressive OR major OR juvenile OR hereditary) NEAR/4 chorea)):ti,ab	757
#14	((kluver OR kluever) NEAR/4 bucy) OR ("temporal lobectomy" NEAR/4 behavi*) OR ("temporal lobe" NEAR/4 dysfunction)):ti,ab	14
#15	((lewy NEXT bod*) OR dlb OR lbd OR dlbd):ti,ab	537
#16	((senile NEXT confusion) OR (senile NEXT psychosis) OR senilit*):ti,ab	55
#17	MeSH descriptor: [Tauopathies] this term only	14
#18	tauopath*:ti,ab	54
#19	cerad:ti,ab	148
#20	Posterior NEXT cortic* NEXT atroph*	16
#21	sivd:ti,ab	16
#22	{OR #1-#21}	26099
#23	MeSH descriptor: [Continuity of Patient Care] this term only	737
#24	MeSH descriptor: [Patient Discharge] this term only	2291
#25	MeSH descriptor: [Patient Handoff] explode all trees	51
#26	MeSH descriptor: [Patient Transfer] explode all trees	207
#27	MeSH descriptor: [Transitional Care] explode all trees	145
#28	MeSH descriptor: [Patient Admission] explode all trees	729
#29	MeSH descriptor: [Length of Stay] explode all trees	10089
#30	MeSH descriptor: [Advance Care Planning] explode all trees	428

#31 MeSH descriptor: [Transfer Agreement] explode all trees 1
 #32 MeSH descriptor: [Interprofessional Relations] explode all trees 730
 #33 MeSH descriptor: [Patient Care Team] explode all trees 2060
 #34 ((transfer* OR move* OR moving OR continuity OR transition* OR hand* OR transport*) NEAR/4 (hospital* OR (primary NEXT care) OR (secondary NEXT care) OR (tertiary NEXT care) OR (respite NEXT care) OR (social NEXT care) OR ward* OR theatre* OR theater* OR hospice* OR (care NEXT home) OR (nursing NEXT home) OR (residential NEXT care) OR home* OR community OR (intermediate NEXT care) OR (day NEXT care) OR emi OR (elderly NEXT mentally NEXT infirm) OR setting* OR facility OR facilities OR location* OR environment*)):ti,ab 4113
 #35 ((transition* or transfer* or relocat* or transport*) NEAR/4 (timing or time* or plan* or manag* or permanent or temporary* or process or policy or policies or system* or monitor* or require* or adapt*)):ti,ab 4085
 #36 ((transitional NEXT shock) or (continu* NEAR/2 care)):ti,ab 2668
 #37 ((patient* or client* or resident* or service user*) NEAR/4 (transfer* or move* or moving or continuity or transition* or hand* or turf* or dump* or discharg* or admit* or admission* or relocat*)):ti,ab 35317
 #38 (length* NEAR/4 (stay* or attend*)):ti,ab 23417
 #39 {OR #23-#38} 72145
 #40 #22 AND #39 with Cochrane Library publication date from Dec 2016 to present, in Cochrane Reviews 11
 #41 #22 AND #39 with Publication Year from 2016 to present, in Trials 517

Database: Ovid MEDLINE(R) ALL <1946 to November 20, 2023>

Search Strategy:

1 exp Dementia/ (209132)
 2 (dementi* or pseudodementia).tw. (141907)
 3 (alzheimer* or alzeimer* or (cortical adj4 sclerosis)).tw. (188118)
 4 ((encephalopath* or cogniti* or neurocogniti*) adj4 (aids or hiv)).tw. (4556)
 5 ((aphasi* adj4 (primary or progress*)) or mesulam* or ppa or (ftd adj4 temporal)).tw. (6953)
 6 (((creutzfeldt or ja?ob*) adj4 (disease or syndrome)) or cjd or (spongiform adj4 encephalopath*) or "corticostriatal degeneration" or (pseudosclerosis adj4 spastic)).tw. (11599)
 7 (binswanger* or ((subcortic* or "sub cortic*" or arteriosclerotic) adj4 (encephalopath* or leukoencephalopath*)) or cadasil*).tw. (2613)
 8 ((kosaka adj2 shibayama) or (neurofibrillary adj1 tangle*) or dntc).tw. (10048)
 9 (((frontotemporal or (fronto adj temporal) or (corticobasal or (cortico adj basal) or (frontal adj lobe))) adj4 (degenerati* or dysfunction)) or ftld or ftlds or ftd or ftds).tw. (10796)
 10 ((pick* adj1 (complex or disease* or syndrome)) or (wilhemsens adj1 lynch) or ddpac or (lob* adj4 atroph*)).tw. (5924)
 11 (huntington* or ((progressive or major or juvenile or hereditary) adj4 chorea)).tw. (21161)
 12 (((klüver or klüever) adj4 bu?y) or (("temporal lobectomy" adj4 behavi*) or ("temporal lobe" adj4 dysfunction))).tw. (622)
 13 ("lewy bod*" or dlb or lbd or dlbd).tw. (14631)
 14 ("senile confusion" or "senile psychosis" or senilit*).tw. (871)
 15 Tauopathies/ (2665)
 16 tauopath*.tw. (5253)
 17 cerad.tw. (938)
 18 (Posterior adj cortic* adj atroph*).tw. (552)
 19 svld.tw. (180)
 20 or/1-19 (354686)
 21 "continuity of patient care"/ or patient discharge/ or patient handoff/ or patient transfer/ or transitional care/ or patient admission/ or length of stay/ or advance care planning/ or Transfer agreement/ or exp Interprofessional relations/ or exp Patient Care Team/ (315426)
 22 ((transfer* or move* or moving or continuity or transition* or hand* or transport*) adj4 (hospital* or "primary care" or "secondary care" or "tertiary care" or "respite care" or "social care" or ward* or theatre* or theater* or hospice* or "care home" or "nursing home" or "residential care" or home* or community or "intermediate care" or "day care" or emi or "elderly mentally infirm" or setting* or facility or facilities or location* or environment*)):tw. (56367)
 23 ((transition* or transfer* or relocat* or transport*) adj4 (timing or time* or plan* or manag* or permanent or temporary* or process or policy or policies or system* or monitor* or require* or adapt*)):tw. (149536)
 24 (transitional shock or (continu* adj2 care)).tw. (23827)
 25 ((patient* or client* or resident* or service user*) adj4 (transfer* or move* or moving or continuity or transition* or hand* or turf* or dump* or discharg* or admit* or admission* or relocat*)):tw. (269666)
 26 (length* adj4 (stay* or attend*)):tw. (118134)

27 or/21-26 (792664)
28 20 and 27 (8849)
29 Meta-Analysis.pt. (190383)
30 Meta-Analysis as Topic/ (23547)
31 Review.pt. (3240597)
32 exp Review Literature as Topic/ (23980)
33 (metaanaly\$ or metanaly\$ or (meta adj3 analy\$)).tw. (289304)
34 (review\$ or overview\$).ti. (784087)
35 (systematic\$ adj5 (review\$ or overview\$)).tw. (336890)
36 ((quantitative\$ or qualitative\$) adj5 (review\$ or overview\$)).tw. (17800)
37 ((studies or trial\$) adj2 (review\$ or overview\$)).tw. (66916)
38 (integrat\$ adj3 (research or review\$ or literature)).tw. (19036)
39 (pool\$ adj2 (analy\$ or data)).tw. (45490)
40 (handsearch\$ or (hand adj3 search\$)).tw. (11711)
41 (manual\$ adj3 search\$).tw. (8877)
42 or/29-41 (3745832)
43 animals/ not humans/ (5139215)
44 42 not 43 (3565931)
45 28 and 44 (1156)
46 Randomized Controlled Trial.pt. (603829)
47 Controlled Clinical Trial.pt. (95462)
48 Clinical Trial.pt. (539085)
49 exp Clinical Trials as Topic/ (386164)
50 Placebos/ (35934)
51 Random Allocation/ (107042)
52 Double-Blind Method/ (176718)
53 Single-Blind Method/ (33074)
54 Cross-Over Studies/ (55792)
55 ((random\$ or control\$ or clinical\$) adj3 (trial\$ or stud\$)).tw. (1602840)
56 (random\$ adj3 allocat\$).tw. (46474)
57 placebo\$.tw. (251278)
58 ((singl\$ or doubl\$ or trebl\$ or tripl\$) adj (blind\$ or mask\$)).tw. (201021)
59 (crossover\$ or (cross adj over\$)).tw. (101806)
60 or/46-59 (2451214)
61 animals/ not humans/ (5139215)
62 60 not 61 (2309051)
63 28 and 62 (841)
64 Observational Studies as Topic/ (9188)
65 Observational Study/ (149074)
66 Epidemiologic Studies/ (9432)
67 exp Case-Control Studies/ (1460593)
68 exp Cohort Studies/ (2543469)
69 Cross-Sectional Studies/ (484703)
70 Controlled Before-After Studies/ (741)
71 Historically Controlled Study/ (231)
72 Interrupted Time Series Analysis/ (1946)
73 Comparative Study.pt. (1913361)
74 case control\$.tw. (161934)
75 case series.tw. (106788)
76 (cohort adj (study or studies)).tw. (331532)
77 cohort analy\$.tw. (12372)
78 (follow up adj (study or studies)).tw. (57141)
79 (observational adj (study or studies)).tw. (168856)
80 longitudinal.tw. (332512)
81 prospective.tw. (732782)
82 retrospective.tw. (773814)
83 cross sectional.tw. (534830)
84 or/64-83 (5605353)

85 28 and 84 (3403)
86 45 or 63 or 85 (4761)
87 limit 86 to yr="2016 -Current" (2180)
88 limit 87 to english language (2108)
89 limit 87 to italian (2)
90 88 or 89 (2110)

Database: Embase <1974 to 2023 November 17>

Search Strategy:

1 exp *Dementia/ (266825)
2 (dementi* or pseudodementia).tw. (203320)
3 (alzheimer* or alzeimer* or (cortical adj4 sclerosis)).tw. (252664)
4 ((encephalopath* or cogniti* or neurocogniti*) adj4 (aids or hiv)).tw. (6675)
5 ((aphasi* adj4 (primary or progress*)) or mesulam* or ppa or (ftd adj4 temporal)).tw. (10086)
6 (((creutzfeldt or ja?ob*) adj4 (disease or syndrome)) or cjd or (spongiform adj4 encephalopath*) or "corticostriatal degeneration" or (pseudosclerosis adj4 spastic)).tw. (14501)
7 (binswanger* or ((subcortic* or "sub cortic*" or arterisclerotic) adj4 (encephalopath* or leukoencephalopath*)) or cadasil*).tw. (3776)
8 ((kosaka adj2 shibayama) or (neurofibrillary adj1 tangle*) or dntc).tw. (13386)
9 (((frontotemporal or (fronto adj temporal) or (corticobasal or (cortico adj basal) or (frontal adj lobe))) adj4 (degenerati* or dysfunction)) or ftld or ftlds or ftd or ftds).tw. (18057)
10 ((pick* adj1 (complex or disease* or syndrome)) or (wilhemsen adj1 lynch) or ddpac or (lob* adj4 atroph*)).tw. (7877)
11 (huntington* or ((progressive or major or juvenile or hereditary) adj4 chorea)).tw. (28535)
12 (((kløver or kløver) adj4 bu?y) or (("temporal lobectomy" adj4 behavi*) or ("temporal lobe" adj4 dysfunction))).tw. (805)
13 ("lewy bod*" or dlb or lbd or dlbd).tw. (21688)
14 ("senile confusion" or "senile psychosis" or senilit*).tw. (947)
15 *tauopathy/ (3090)
16 tauopath*.tw. (8125)
17 cerad.tw. (1762)
18 (Posterior adj cortic* adj atroph*).tw. (971)
19 sivd.tw. (245)
20 or/1-19 (480239)
21 *patient care/ or hospital discharge/ or clinical handover/ or patient transport/ or transitional care/ or hospital admission/ or "length of stay"/ or advance care planning/ (767980)
22 ((transfer* or move* or moving or continuity or transition* or hando* or transport*) adj4 (hospital* or "primary care" or "secondary care" or "tertiary care" or "respite care" or "social care" or ward* or theatre* or theater* or hospice* or "care home" or "nursing home" or "residential care" or home* or community or "intermediate care" or "day care" or emi or "elderly mentally infirm" or setting* or facility or facilities or location* or environment*)).tw. (82649)
23 ((transition* or transfer* or relocat* or transport*) adj4 (timing or time* or plan* or manag* or permanent or temporary* or process or policy or policies or system* or monitor* or require* or adapt*)).tw. (170173)
24 (transitional shock or (continu* adj2 care)).tw. (32890)
25 ((patient* or client* or resident* or service user*) adj4 (transfer* or move* or moving or continuity or transition* or hando* or turf* or dump* or discharg* or admit* or admission* or relocat*)).tw. (492601)
26 (length* adj4 (stay* or attend*)).tw. (210245)
27 or/21-26 (1365395)
28 20 and 27 (16326)
29 "meta analysis (topic)"/ or meta analysis/ (346706)
30 "systematic review"/ or "systematic review (topic)"/ (468483)
31 (metaanaly\$ or metanaly\$ or (meta adj3 analy\$)).tw. (366294)
32 (review\$ or overview\$).ti. (895515)
33 (systematic\$ adj5 (review\$ or overview\$)).tw. (407405)

34 ((quantitative\$ or qualitative\$) adj5 (review\$ or overview\$)).tw. (21326)
 35 ((studies or trial\$) adj2 (review\$ or overview\$)).tw. (80242)
 36 (integrat\$ adj3 (research or review\$ or literature)).tw. (21693)
 37 (pool\$ adj2 (analy\$ or data)).tw. (66996)
 38 (handsearch\$ or (hand adj3 search\$)).tw. (14228)
 39 (manual\$ adj3 search\$).tw. (10630)
 40 or/29-39 (1398314)
 41 animals/ not humans/ (1082328)
 42 40 not 41 (1387774)
 43 28 and 42 (873)
 44 Clinical-Trial/ or Randomized-Controlled-Trial/ or Randomization/ or Single-Blind-Procedure/ or Double-Blind-Procedure/ or Crossover-Procedure/ or Prospective-Study/ or Placebo/ (2572989)
 45 (((clinical or control or controlled) adj (study or trial)) or ((single or double or triple) adj (blind\$3 or mask\$3)) or (random\$ adj (assign\$ or allocat\$ or group or grouped or patients or study or trial or distribut\$)) or (crossover adj (design or study or trial)) or placebo or placebos).ti,ab. (1390904)
 46 44 or 45 (3117696)
 47 animal/ not human/ (1203515)
 48 46 not 47 (3072733)
 49 28 and 48 (1991)
 50 Observational Study/ (344572)
 51 epidemiology/ (246708)
 52 exp case control study/ (227755)
 53 exp cohort analysis/ (1072932)
 54 cross-sectional study/ (593126)
 55 Controlled Before-After.mp. (535)
 56 Historically Controlled Study.mp. (97)
 57 Interrupted Time Series Analysis.mp. (3324)
 58 comparative study/ (1034277)
 59 case control\$.tw. (213740)
 60 case series.tw. (150152)
 61 (cohort adj (study or studies)).tw. (476498)
 62 cohort analy\$.tw. (19868)
 63 (follow up adj (study or studies)).tw. (74510)
 64 (observational adj (study or studies)).tw. (261032)
 65 longitudinal.tw. (448552)
 66 prospective.tw. (1117392)
 67 retrospective.tw. (1280179)
 68 cross sectional.tw. (695493)
 69 or/50-68 (5474320)
 70 28 and 69 (5545)
 71 animal/ not human/ (1203515)
 72 70 not 71 (5544)
 73 43 or 49 or 72 (6917)
 74 limit 73 to yr="2016 -Current" (4357)

Review question 14a

How effective are carers' assessments in identifying the needs of informal carers of people living with dementia?

Review question 14b

What interventions/services are most effective for supporting the wellbeing of informal carers of people living with dementia?

Number of records per database

Database	Records
Cochrane Database od Systematic Reviews	37
CENTRAL	2303
MEDLINE	4217
Embase	5043
Total (Database)	11600
Total (Database) after removing duplicates	6962

Filters: Systematic review, RCT, observational studies

Cochrane Library Issue (issue 11, 2023)

- #1 MeSH descriptor: [Dementia] explode all trees 9336
- #2 (dementi* OR pseudodementia):ti,ab 15623
- #3 (alzheimer* OR alzeimer* OR (cortical NEAR/4 sclerosis)):ti,ab 12922
- #4 ((encephalopath* OR cogniti* OR neurocogniti*) NEAR/4 (aids OR hiv)):ti,ab 468
- #5 ((aphasi* NEAR/4 (primary OR progress*)) OR mesulam* OR ppa OR (ftd NEAR/4 temporal)):ti,ab 663
- #6 (((creutzfeldt OR jakob*) NEAR/4 (disease OR syndrome)) OR cjd OR (spongiform NEAR/4 encephalopath*) OR "corticostriatospinal degeneration" OR (pseudosclerosis NEAR/4 spastic)):ti,ab 64
- #7 (binswanger* OR ((subcortic* OR arteriosclerotic) NEAR/4 (encephalopath* OR leukoencephalopath*)) OR cadasil*):ti,ab 45
- #8 ((sub NEXT cortic*) NEAR/4 (encephalopath* OR leukoencephalopath*)):ti,ab 0
- #9 ((kosaka NEAR/2 shibayama) OR (neurofibrillary NEXT tangle*) OR dntc):ti,ab 81
- #10 (((frontotemporal OR (fronto NEXT temporal) OR (corticobasal OR (cortico NEXT basal) OR (frontal NEXT lobe))) NEAR/4 (degenerati* OR dysfunction)) OR ftld OR ftlds OR ftd OR ftds):ti,ab 364
- #11 (pick* NEAR/1 (complex OR disease* OR syndrome)):ti,ab 50
- #12 ((wilhemsen NEAR/1 lynch) OR ddpac OR (lob* NEAR/4 atroph*)):ti,ab 72
- #13 (huntington* OR ((progressive OR major OR juvenile OR hereditary) NEAR/4 chorea)):ti,ab 757
- #14 (((kluver OR kluever) NEAR/4 bucy) OR ("temporal lobectomy" NEAR/4 behavi*) OR ("temporal lobe" NEAR/4 dysfunction)):ti,ab 14
- #15 ((lewy NEXT bod*) OR dlb OR lbd OR dlbd):ti,ab 537
- #16 ((senile NEXT confusion) OR (senile NEXT psychosis) OR senilit*):ti,ab 55
- #17 MeSH descriptor: [Tauopathies] this term only 14
- #18 tauopath*:ti,ab 54
- #19 cerad:ti,ab 148
- #20 Posterior NEXT cortic* NEXT atroph* 16
- #21 sivd:ti,ab 16
- #22 {OR #1-#21} 26099

#23	MeSH descriptor: [Caregivers] explode all trees	3262
#24	(carer* or caregiver* or care giver* or care-giver* or caretaker*):ti,ab	21626
#25	#23 OR #24	21956
#26	#22 AND #25 with Cochrane Library publication date from Jan 2016 to present, in Cochrane Reviews	37
#27	#22 AND #25 with Publication Year from 2016 to present, in Trials	2303

Database: Ovid MEDLINE(R) ALL <1946 to November 20, 2023>

Search Strategy:

- 1 exp *Dementia/ (177976)
- 2 (dementi* or pseudodementia).tw. (141907)
- 3 (alzheimer* or alzeimer* or (cortical adj4 sclerosis)).tw. (188118)
- 4 ((encephalopath* or cogniti* or neurocogniti*) adj4 (aids or hiv)).tw. (4556)
- 5 ((aphasi* adj4 (primary or progress*)) or mesulam* or ppa or (ftd adj4 temporal)).tw. (6953)
- 6 (((creutzfeldt or ja?ob*) adj4 (disease or syndrome)) or cjd or (spongiform adj4 encephalopath*) or "corticostriatal degeneration" or (pseudosclerosis adj4 spastic)).tw. (11599)
- 7 (binswanger* or ((subcortic* or "sub cortic*" or arteriosclerotic) adj4 (encephalopath* or leukoencephalopath*)) or cadasil*).tw. (2613)
- 8 ((kosaka adj2 shibayama) or (neurofibrillary adj1 tangle*) or dntc).tw. (10048)
- 9 (((frontotemporal or (fronto adj temporal) or (corticobasal or (cortico adj basal) or (frontal adj lobe))) adj4 (degenerati* or dysfunction)) or ftld or ftlds or ftd or ftlds).tw. (10796)
- 10 ((pick* adj1 (complex or disease* or syndrome)) or (wilhemsen adj1 lynch) or ddpac or (lob* adj4 atroph*)).tw. (5924)
- 11 (huntington* or ((progressive or major or juvenile or hereditary) adj4 chorea)).tw. (21161)
- 12 (((kluver or kluever) adj4 bu?y) or (("temporal lobectomy" adj4 behavi*) or ("temporal lobe" adj4 dysfunction))).tw. (622)
- 13 ("lewy bod*" or dlb or lbd or dlbd).tw. (14631)
- 14 ("senile confusion" or "senile psychosis" or senilit*).tw. (871)
- 15 Tauopathies/ (2665)
- 16 tauopath*.tw. (5253)
- 17 cerad.tw. (938)
- 18 (Posterior adj cortic* adj atroph*).tw. (552)
- 19 sivd.tw. (180)
- 20 or/1-19 (343630)
- 21 Caregivers/ (51271)
- 22 (carer* or caregiver* or care giver* or care-giver* or caretaker*).tw. (117081)
- 23 21 or 22 (127183)
- 24 20 and 23 (18068)
- 25 Meta-Analysis.pt. (190383)
- 26 Meta-Analysis as Topic/ (23547)
- 27 Review.pt. (3240597)
- 28 exp Review Literature as Topic/ (23980)
- 29 (metaanaly\$ or metanaly\$ or (meta adj3 analy\$)).tw. (289304)
- 30 (review\$ or overview\$).ti. (784087)
- 31 (systematic\$ adj5 (review\$ or overview\$)).tw. (336890)
- 32 ((quantitative\$ or qualitative\$) adj5 (review\$ or overview\$)).tw. (17800)
- 33 ((studies or trial\$) adj2 (review\$ or overview\$)).tw. (66916)
- 34 (integrat\$ adj3 (research or review\$ or literature)).tw. (19036)
- 35 (pool\$ adj2 (analy\$ or data)).tw. (45490)
- 36 (handsearch\$ or (hand adj3 search\$)).tw. (11711)
- 37 (manual\$ adj3 search\$).tw. (8877)
- 38 or/25-37 (3745832)
- 39 animals/ not humans/ (5139215)
- 40 38 not 39 (3565931)
- 41 24 and 40 (3320)

42 Randomized Controlled Trial.pt. (603829)
 43 Controlled Clinical Trial.pt. (95462)
 44 Clinical Trial.pt. (539085)
 45 exp Clinical Trials as Topic/ (386164)
 46 Placebos/ (35934)
 47 Random Allocation/ (107042)
 48 Double-Blind Method/ (176718)
 49 Single-Blind Method/ (33074)
 50 Cross-Over Studies/ (55792)
 51 ((random\$ or control\$ or clinical\$) adj3 (trial\$ or stud\$)).tw. (1602840)
 52 (random\$ adj3 allocat\$).tw. (46474)
 53 placebo\$.tw. (251278)
 54 ((singl\$ or doubl\$ or trebl\$ or tripl\$) adj (blind\$ or mask\$)).tw. (201021)
 55 (crossover\$ or (cross adj over\$)).tw. (101806)
 56 or/42-55 (2451214)
 57 animals/ not humans/ (5139215)
 58 56 not 57 (2309051)
 59 24 and 58 (3150)
 60 Observational Studies as Topic/ (9188)
 61 Observational Study/ (149074)
 62 Epidemiologic Studies/ (9432)
 63 exp Case-Control Studies/ (1460593)
 64 exp Cohort Studies/ (2543469)
 65 Cross-Sectional Studies/ (484703)
 66 Controlled Before-After Studies/ (741)
 67 Historically Controlled Study/ (231)
 68 Interrupted Time Series Analysis/ (1946)
 69 Comparative Study.pt. (1913361)
 70 case control\$.tw. (161934)
 71 case series.tw. (106788)
 72 (cohort adj (study or studies)).tw. (331532)
 73 cohort analy\$.tw. (12372)
 74 (follow up adj (study or studies)).tw. (57141)
 75 (observational adj (study or studies)).tw. (168856)
 76 longitudinal.tw. (332512)
 77 prospective.tw. (732782)
 78 retrospective.tw. (773814)
 79 cross sectional.tw. (534830)
 80 60 or 61 or 62 or 63 or 64 or 65 or 66 or 67 or 68 or 69 or 70 or 71 or 72 or 73 or 74 or 75 or 76 or 77 or 78 or 79
 (5605353)
 81 24 and 80 (4496)
 82 41 or 59 or 81 (9141)
 83 limit 82 to yr="2016 -Current" (4321)
 84 limit 83 to english language (4217)

Database: Embase <1974 to 2023 November 17>

Search Strategy:

1 exp *Dementia/ (266825)
 2 (dementi* or pseudodementia).tw. (203320)
 3 (alzheimer* or alzeimer* or (cortical adj4 sclerosis)).tw. (252664)
 4 ((encephalopath* or cogniti* or neurocogniti*) adj4 (aids or hiv)).tw. (6675)
 5 ((aphasi* adj4 (primary or progress*)) or mesulam* or ppa or (ftd adj4 temporal)).tw. (10086)
 6 (((creutzfeldt or ja?ob*) adj4 (disease or syndrome)) or cjd or (spongiform adj4 encephalopath*) or
 "corticostriatal degeneration" or (pseudosclerosis adj4 spastic)).tw. (14501)

7 (binswanger* or ((subcortic* or "sub cortic*" or arterisclerotic) adj4 (encephalopath* or leukoencephalopath*)) or cadasil*).tw. (3776)

8 ((kosaka adj2 shibayama) or (neurofibrillary adj1 tangle*) or dntc).tw. (13386)

9 (((frontotemporal or (fronto adj temporal) or (corticobasal or (cortico adj basal) or (frontal adj lobe))) adj4 (degenerati* or dysfunction)) or ftld or ftlds or ftd or ftds).tw. (18057)

10 ((pick* adj1 (complex or disease* or syndrome)) or (wilhemsen adj1 lynch) or ddpac or (lob* adj4 atroph*)).tw. (7877)

11 (huntington* or ((progressive or major or juvenile or hereditary) adj4 chorea)).tw. (28535)

12 (((kluver or kluever) adj4 bu?y) or (("temporal lobectomy" adj4 behavi*) or ("temporal lobe" adj4 dysfunction))).tw. (805)

13 ("lewy bod*" or dlb or lbd or dlbd).tw. (21688)

14 ("senile confusion" or "senile psychosis" or senilit*).tw. (947)

15 *tauopathy/ (3090)

16 tauopath*.tw. (8125)

17 cerad.tw. (1762)

18 (Posterior adj cortic* adj atroph*).tw. (971)

19 sivd.tw. (245)

20 or/1-19 (480239)

21 *caregiver/ (30921)

22 (carer* or caregiver* or care giver* or care-giver* or caretaker*).ti,ab. (164672)

23 21 or 22 (167782)

24 20 and 23 (23716)

25 Clinical-Trial/ or Randomized-Controlled-Trial/ or Randomization/ or Single-Blind-Procedure/ or Double-Blind-Procedure/ or Crossover-Procedure/ or Prospective-Study/ or Placebo/ (2572989)

26 (((clinical or control or controlled) adj (study or trial)) or ((single or double or triple) adj (blind\$3 or mask\$3)) or (random\$ adj (assign\$ or allocat\$ or group or grouped or patients or study or trial or distribut\$)) or (crossover adj (design or study or trial)) or placebo or placebos).ti,ab. (1390904)

27 25 or 26 (3117696)

28 animal/ not human/ (1203515)

29 27 not 28 (3072733)

30 "meta analysis (topic)"/ or meta analysis/ (346706)

31 "systematic review"/ or "systematic review (topic)"/ (468483)

32 (metaanaly\$ or metanaly\$ or (meta adj3 analy\$)).tw. (366294)

33 (review\$ or overview\$).ti. (895515)

34 (systematic\$ adj5 (review\$ or overview\$)).tw. (407405)

35 ((quantitative\$ or qualitative\$) adj5 (review\$ or overview\$)).tw. (21326)

36 ((studies or trial\$) adj2 (review\$ or overview\$)).tw. (80242)

37 (integrat\$ adj3 (research or review\$ or literature)).tw. (21693)

38 (pool\$ adj2 (analy\$ or data)).tw. (66996)

39 (handsearch\$ or (hand adj3 search\$)).tw. (14228)

40 (manual\$ adj3 search\$).tw. (10630)

41 or/30-40 (1398314)

42 animal/ not human/ (1203515)

43 41 not 42 (1386564)

44 Observational Study/ (344572)

45 epidemiology/ (246708)

46 exp case control study/ (227755)

47 exp cohort analysis/ (1072932)

48 cross-sectional study/ (593126)

49 Controlled Before-After.mp. (535)

50 Historically Controlled Study.mp. (97)

51 Interrupted Time Series Analysis.mp. (3324)

52 comparative study/ (1034277)

53 case control\$.tw. (213740)

54 case series.tw. (150152)
55 (cohort adj (study or studies)).tw. (476498)
56 cohort analy\$.tw. (19868)
57 (follow up adj (study or studies)).tw. (74510)
58 (observational adj (study or studies)).tw. (261032)
59 longitudinal.tw. (448552)
60 prospective.tw. (1117392)
61 retrospective.tw. (1280179)
62 cross sectional.tw. (695493)
63 or/44-62 (5474320)
64 animal/ not human/ (1203515)
65 63 not 64 (5346118)
66 24 and 29 (3865)
67 24 and 43 (2272)
68 24 and 65 (5239)
69 66 or 67 or 68 (9630)
70 limit 69 to yr="2016 -Current" (5097)
71 limit 70 to english language (5043)

Review question 15a

What is the safety and efficacy of acetylcholinesterase inhibitors and memantine for the treatment of cognitive symptoms in people with Alzheimer's dementia and how should they be monitored?

Search for systematic reviews

Number of records per database

Database	Records
Cochrane Database od Systematic Reviews	33
MEDLINE	2617
Embase	1946
Total (Database)	4596
Total (Database) after removing duplicates	3703

Cochrane Library (issue 11, 2023)

#1	MeSH descriptor: [Alzheimer Disease] explode all trees	5391
#2	(alzheimer* or alzeimer*):ti,ab	12910
#3	(dementia NEAR/2 (senile or presenile)):ti,ab	288
#4	(cortical NEAR/4 sclerosis):ti,ab	12
#5	{OR #1-#4}	13650
#6	MeSH descriptor: [Cholinesterase Inhibitors] explode all trees	1128
#7	((Cholinesterase* or acetylcholinesterase*) NEAR/2 (inhibitor* or block*)):ti,ab	1429
#8	(ChEI* or AChEI*):ti,ab	583
#9	(donepezil or aricept* or asenta or eranz or memac or memorit):ti,ab	1794
#10	MeSH descriptor: [Galantamine] explode all trees	264
#11	(galantamin* or reminy* or lycoremin* or galanthamine or nivalin* or razadyne or jilkon):ti,ab	645
#12	(rivastigmin* or exelon* or nimvastid or prometax):ti,ab	728
#13	MeSH descriptor: [Memantine] explode all trees	484
#14	(memantin* or axura or namenda or ebix* or maruxa* or nemdatine* or akatinol):ti,ab	1349
#15	{OR #6-#14}	5259
#16	{OR #6-#15}	5259
#17	#5 AND #16	2617
#18	#5 AND #16 in Cochrane Reviews	33

Database: Ovid MEDLINE(R) ALL <1946 to November 22, 2023>

Search Strategy:

- 1 Alzheimer disease/ (121428)
- 2 (alzheimer* or alzeimer*).tw. (187495)
- 3 (dementia adj2 (senile or presenile)).tw. (3597)
- 4 (cortical adj4 sclerosis).tw. (705)
- 5 1 or 2 or 3 or 4 (203190)
- 6 exp cholinesterase inhibitors/ (55091)
- 7 ((Cholinesterase* or acetylcholinesterase*) adj2 (inhibitor* or block*)).tw. (12164)
- 8 (ChEI* or AChEI*).tw. (6092)
- 9 (donepezil or aricept* or asenta or eranz or memac or memorit).tw. (4555)
- 10 Galantamine/ (1706)
- 11 (galantamin* or reminy* or lycoremin* or galanthamine or nivalin* or razadyne or jilkon).tw. (2601)
- 12 (rivastigmin* or exelon* or nimvastid or prometax).tw. (2027)
- 13 memantine/ (2656)
- 14 (memantin* or axura or namenda or ebix* or maruxa* or nemdatine* or akatinol).tw. (4105)

- 15 or/6-14 (68366)
- 16 5 and 15 (11196)
- 17 Meta-Analysis.pt. (190519)
- 18 Meta-Analysis as Topic/ (23550)
- 19 Review.pt. (3241288)
- 20 exp Review Literature as Topic/ (23990)
- 21 (metaanaly\$ or metanaly\$ or (meta adj3 analy\$)).tw. (289605)
- 22 (review\$ or overview\$).ti. (784605)
- 23 (systematic\$ adj5 (review\$ or overview\$)).tw. (337251)
- 24 ((quantitative\$ or qualitative\$) adj5 (review\$ or overview\$)).tw. (17806)
- 25 ((studies or trial\$) adj2 (review\$ or overview\$)).tw. (66945)
- 26 (integrat\$ adj3 (research or review\$ or literature)).tw. (19043)
- 27 (pool\$ adj2 (analy\$ or data)).tw. (45531)
- 28 (handsearch\$ or (hand adj3 search\$)).tw. (11715)
- 29 (manual\$ adj3 search\$).tw. (8890)
- 30 or/17-29 (3746908)
- 31 animals/ not humans/ (5139672)
- 32 30 not 31 (3566994)
- 33 16 and 32 (2617)

Database: Embase <1974 to 2023 November 22>

Search Strategy:

- 1 Alzheimer disease/ (251529)
- 2 (alzheimer* or alzheimer*).tw. (251889)
- 3 (dementia adj2 (senile or presenile)).tw. (4360)
- 4 (cortical adj4 sclerosis).tw. (1195)
- 5 1 or 2 or 3 or 4 (304737)
- 6 exp cholinesterase inhibitors/ (95227)
- 7 ((Cholinesterase* or acetylcholinesterase*) adj2 (inhibitor* or block*)).tw. (15860)
- 8 (ChEI* or AChEI*).tw. (7972)
- 9 (donepezil or aricept* or asenta or eranz or memac or memorit).tw. (7928)
- 10 Galantamine/ (8909)
- 11 (galantamin* or remynil* or lycoremin* or galanthamine or nivalin* or razadyne or jilkon).tw. (4240)
- 12 (rivastigmin* or exelon* or nimvastid or prometax).tw. (3987)
- 13 memantine/ (13059)
- 14 (memantin* or axura or namenda or ebix* or maruxa* or nemdatine* or akatinol).tw. (6821)
- 15 or/6-14 (111287)
- 16 5 and 15 (24194)
- 17 "meta analysis (topic)"/ or meta analysis/ (347287)
- 18 "systematic review"/ or "systematic review (topic)"/ (469560)
- 19 (metaanaly\$ or metanaly\$ or (meta adj3 analy\$)).tw. (366904)
- 20 (review\$ or overview\$).ti. (896812)
- 21 (systematic\$ adj5 (review\$ or overview\$)).tw. (408181)
- 22 ((quantitative\$ or qualitative\$) adj5 (review\$ or overview\$)).tw. (21358)
- 23 ((studies or trial\$) adj2 (review\$ or overview\$)).tw. (80332)
- 24 (integrat\$ adj3 (research or review\$ or literature)).tw. (21729)
- 25 (pool\$ adj2 (analy\$ or data)).tw. (67073)
- 26 (handsearch\$ or (hand adj3 search\$)).tw. (14238)
- 27 (manual\$ adj3 search\$).tw. (10639)
- 28 or/17-27 (1400161)
- 29 animal/ not human/ (1203564)
- 30 28 not 29 (1388409)
- 31 16 and 30 (1946)

Review question 15b

What is the safety and efficacy of acetylcholinesterase inhibitors and memantine for the treatment of cognitive symptoms in people with Mild cognitive impairment (MCI) and how should they be monitored?

Number of records per database

Database	Records
Cochrane Database od Systematic Reviews	14
CENTRAL	478
MEDLINE	618
Embase	898
Total (Database)	2008
Total (Database) after removing duplicates	1345

Cochrane Library (issue 11, 2023)

- #1 MeSH descriptor: [Cognitive Dysfunction] explode all trees 3123
- #2 (mild cogniti* NEAR/3 (dysfunction* or disorder* or impair* or declin* or deteriorat* or decrement* or deficit* or disturbanc* or disabilit*)):ti,ab 6138
- #3 MCI:ti,ab 3589
- #4 #1 OR #2 OR #3 8961
- #5 MeSH descriptor: [Cholinesterase Inhibitors] explode all trees 1128
- #6 ((Cholinesterase* or acetylcholinesterase*) NEAR/2 (inhibitor* or block*)):ti,ab 1429
- #7 (ChEI* or AChEI*):ti,ab 583
- #8 (donepezil or aricept* or asenta or eranz or memac or memorit):ti,ab 1794
- #9 MeSH descriptor: [Galantamine] explode all trees 264
- #10 (galantamin* or reminyl* or lycoremin* or galanthamine or nivalin* or razadyne or jilkon):ti,ab 645
- #11 (rivastigmin* or exelon* or nimvastid or prometax):ti,ab 728
- #12 MeSH descriptor: [Memantine] explode all trees 484
- #13 (memantin* or axura or namenda or ebix* or maruxa* or nemdatine* or akatinol):ti,ab 1349
- #14 {OR #5-#13} 5259
- #15 #4 AND #14 in Cochrane Reviews 14
- #16 #4 AND #14 in Trials 478

Database: Ovid MEDLINE(R) ALL <1946 to November 22, 2023>

Strategia di Ricerca:

- 1 Cognitive Dysfunction/ (37524)
- 2 (mild cogniti* adj3 (dysfunction* or disorder* or impair* or declin* or deteriorat* or decrement*)):ti,ab,kf. (26195)
- 3 MCI.ti,ab. (23594)
- 4 (mild cogniti* adj3 (deficit* or disturbanc* or disabilit*)):ti,ab. (526)
- 5 1 or 2 or 3 or 4 (59723)
- 6 exp cholinesterase inhibitors/ (55091)
- 7 ((Cholinesterase* or acetylcholinesterase*) adj2 (inhibitor* or block*)):tw. (12164)
- 8 (ChEI* or AChEI*):tw. (6092)
- 9 (donepezil or aricept* or asenta or eranz or memac or memorit).tw. (4555)
- 10 Galantamine/ (1706)
- 11 (galantamin* or reminyl* or lycoremin* or galanthamine or nivalin* or razadyne or jilkon).tw. (2601)
- 12 (rivastigmin* or exelon* or nimvastid or prometax).tw. (2027)
- 13 memantine/ (2656)
- 14 (memantin* or axura or namenda or ebix* or maruxa* or nemdatine* or akatinol).tw. (4105)
- 15 or/6-14 (68366)
- 16 5 and 15 (799)

- 17 limit 16 to english language (750)
- 18 Animals/ not Humans/ (5139672)
- 19 17 not 18 (618)

Database: Embase <1974 to 2023 November 22>

Strategia di Ricerca:

- 1 mild cognitive impairment/ (37841)
- 2 MCI.ti,ab. (41967)
- 3 (mild cogniti* adj3 (deficit* or disturbanc* or disabilit* or dysfunction* or disorder* or impair* or declin* or deteriorat* or decrement*))ti,ab. (38723)
- 4 1 or 2 or 3 (65469)
- 5 exp *cholinesterase inhibitor/ (41563)
- 6 ((Cholinesterase* or acetylcholinesterase*) adj2 (inhibitor* or block*)).tw. (15860)
- 7 (ChEI* or AChEI*).tw. (7972)
- 8 (donepezil or aricept* or asenta or eranz or memac or memorit).tw. (7928)
- 9 *galantamine/ (1966)
- 10 (galantamin* or reminyl* or lycoremin* or galanthamine or nivalin* or razadyne or jilkon).tw. (4240)
- 11 (rivastigmin* or exelon* or nimvastid or prometax).tw. (3987)
- 12 *memantine/ (3289)
- 13 (memantin* or axura or namenda or ebix* or maruxa* or nemdatine* or akatinol).tw. (6821)
- 14 or/5-13 (63762)
- 15 4 and 14 (957)
- 16 limit 15 to english language (898)
- 17 animal/ not human/ (1203564)
- 18 16 not 17 (898)

Review question 15c

What is the safety and efficacy of biological drugs (active and passive immunotherapy) for the treatment of cognitive symptoms in people with Alzheimer's dementia or Mild cognitive impairment (MCI) and how should they be monitored?

Number of records per database

Database	Records
Cochrane Database of Systematic Reviews	0
CENTRAL	718
MEDLINE	1549
Embase	2098
Total (Database)	4365
Total (Database) after removing duplicates	3032

Filters: RCT, systematic review, observational study, economic evaluation and patient preferences

Cochrane Library issue 11, 2023

- #1 MeSH descriptor: [Antibodies, Monoclonal] explode all trees 18977
- #2 MeSH descriptor: [Dementia] explode all trees 9336
- #3 (dementi* OR pseudodementia):ti,ab 15624
- #4 (alzheimer* OR alzeimer* OR (cortical NEAR/4 sclerosis)):ti,ab 12922
- #5 ((encephalopath* OR cogniti* OR neurocogniti*) NEAR/4 (aids OR hiv)):ti,ab 468
- #6 ((aphasi* NEAR/4 (primary OR progress*)) OR mesulam* OR ppa OR (ftd NEAR/4 temporal)):ti,ab 663
- #7 (((creutzfeldt OR jakob*) NEAR/4 (disease OR syndrome)) OR cjd OR (spongiform NEAR/4 encephalopath*) OR "corticostriatospinal degeneration" OR (pseudosclerosis NEAR/4 spastic)):ti,ab 64
- #8 (binswanger* OR ((subcortic* OR arteriosclerotic) NEAR/4 (encephalopath* OR leukoencephalopath*)) OR cadasil*):ti,ab 45
- #9 ((sub NEXT cortic*) NEAR/4 (encephalopath* OR leukoencephalopath*)):ti,ab 0
- #10 ((kosaka NEAR/2 shibayama) OR (neurofibrillary NEXT tangle*) OR dntc):ti,ab 81
- #11 (((frontotemporal OR (fronto NEXT temporal) OR (corticobasal OR (cortico NEXT basal) OR (frontal NEXT lobe))) NEAR/4 (degenerati* OR dysfunction)) OR ftd OR ftlds OR ftd OR ftds):ti,ab 364
- #12 (pick* NEAR/1 (complex OR disease* OR syndrome)):ti,ab 50
- #13 ((wilhemsen NEAR/1 lynch) OR ddpac OR (lob* NEAR/4 atroph*)):ti,ab 72
- #14 (huntington* OR ((progressive OR major OR juvenile OR hereditary) NEAR/4 chorea)):ti,ab 757
- #15 (((kluver OR kluever) NEAR/4 bucy) OR ("temporal lobectomy" NEAR/4 behavi*) OR ("temporal lobe" NEAR/4 dysfunction)):ti,ab 14
- #16 ((lewy NEXT bod*) OR dlb OR lbd OR dlbd):ti,ab 537
- #17 ((senile NEXT confusion) OR (senile NEXT psychosis) OR senilit*):ti,ab 55
- #18 MeSH descriptor: [Tauopathies] this term only 14
- #19 tauopath*:ti,ab 54
- #20 cerad:ti,ab 148
- #21 Posterior NEXT cortic* NEXT atroph* 16
- #22 sivd:ti,ab 16
- #23 {OR #2-#22} 26100
- #24 MeSH descriptor: [Cognitive Dysfunction] this term only 3070
- #25 (cogniti* NEAR/3 (dysfunction* OR disorder* OR impair* OR declin* OR deteriorat* OR decrement*)):ti,ab 21977
- #26 MCI:ti,ab 3589

#27 #24 OR #25 OR #26 23467
 #28 #23 OR #27 42366
 #29 MeSH descriptor: [Antibodies, Monoclonal] explode all trees 18977
 #30 (monoclonal near/2 antibod*):ti,ab 11983
 #31 (aab-003 OR pf-05236812 OR tilavonemab OR abbv-8e12 OR "c2n 8e12" OR acu193 OR aducanumab OR aduhelm OR BIIB-037 OR BIIB037 OR al002 OR lecanemab OR ban2401 OR bapineuzumab OR aab-001 OR eln115727 OR bepranemab OR ucb0107 OR "ucb 0107" OR biib076 OR gosuranemab OR biib092 OR BMS-986168 OR crenezumab OR mabt5102a OR ro5490245 OR donanemab OR ly3002813 OR gantenerumab OR r1450 OR gsk933776 OR jnj-63733657 OR khk6640 OR "lu af87908" OR ly2599666 OR zagotanemab OR ly3303560 OR ly3372993 OR medi1814 OR pepinemab OR ponezumab OR pf-04360365 OR semorinemab OR ro7105705 OR MTAU9937A OR ro7126209 OR RG6102 OR sar228810 OR solanezumab OR ly2062430 OR CAD10 OR ACC-001 OR AD-002 OR ACI-24 OR V950 OR UB-311 OR "lu af20513" OR ABvac40 OR ACI-35 OR Canakinumab OR Daratumumab OR GB301 OR E2814 OR ly3372689 OR biib080 OR TB006 OR LX1001 OR GV1001 OR Tertomotide OR AAV-hTERT):ti,ab,kw 1626
 #32 #29 OR #30 OR #31 28507
 #33 #28 AND #32 in Cochrane Reviews 0
 #34 #28 AND #32 in Trials 718

Database: Ovid MEDLINE(R) ALL <1946 to November 28, 2023>

Search Strategy:

1 exp Dementia/ (209478)
 2 (dementi* or pseudodementia).tw. (142183)
 3 (alzheimer* or alzeimer* or (cortical adj4 sclerosis)).tw. (188545)
 4 ((encephalopath* or cogniti* or neurocogniti*) adj4 (aids or hiv)).tw. (4563)
 5 ((aphasi* adj4 (primary or progress*)) or mesulam* or ppa or (ftd adj4 temporal)).tw. (6966)
 6 (((creutzfeldt or ja?ob*) adj4 (disease or syndrome)) or cjd or (spongiform adj4 encephalopath*) or "corticostriatospinal degeneration" or (pseudosclerosis adj4 spastic)).tw. (11605)
 7 (binswanger* or ((subcortic* or "sub cortic*" or arterisclerotic) adj4 (encephalopath* or leukoencephalopath*)) or cadasil*).tw. (2615)
 8 ((kosaka adj2 shibayama) or (neurofibrillary adj1 tangle*) or dntc).tw. (10058)
 9 (((frontotemporal or (fronto adj temporal) or (corticobasal or (cortico adj basal) or (frontal adj lobe))) adj4 (degenerati* or dysfunction)) or ftld or ftlds or ftd or ftlds).tw. (10823)
 10 ((pick* adj1 (complex or disease* or syndrome)) or (wilhemsen adj1 lynch) or ddpac or (lob* adj4 atroph*)).tw. (5931)
 11 (huntington* or ((progressive or major or juvenile or hereditary) adj4 chorea)).tw. (21192)
 12 (((kluver or kluever) adj4 bu?y) or (("temporal lobectomy" adj4 behavi*) or ("temporal lobe" adj4 dysfunction))).tw. (622)
 13 ("lewy bod*" or dlb or lbd or dlbd).tw. (14662)
 14 ("senile confusion" or "senile psychosis" or senilit*).tw. (873)
 15 Tauopathies/ (2668)
 16 tauopath*.tw. (5272)
 17 cerad.tw. (942)
 18 (Posterior adj cortic* adj atroph*).tw. (553)
 19 sivd.tw. (180)
 20 or/1-19 (355364)
 21 Cognitive Dysfunction/ (37663)
 22 (mild cogniti* adj3 (dysfunction* or disorder* or impair* or declin* or deteriorat* or decrement*)).ti,ab,kf. (26255)
 23 MCI.ti,ab. (23640)
 24 21 or 22 or 23 (59652)
 25 20 or 24 (384743)
 26 *Antibodies, Monoclonal/ (93815)
 27 monoclonal antibod*.ti,ab. (205746)
 28 (aab-003 or pf-05236812).mp. (2)
 29 (tilavonemab or abbv-8e12 or c2n 8e12).mp. (14)

30 acu193.mp. (3)
31 (aducanumab or aduhelm or BIIB-037 or BIIB037).mp. (499)
32 al002.mp. (2)
33 (lecanemab or ban2401).mp. (192)
34 (bapineuzumab or aab-001 or eln115727).mp. (156)
35 (bepranemab or ucb0107 or "ucb 0107").mp. (4)
36 biib076.mp. (0)
37 (gosuranemab or biib092 or BMS-986168).mp. (15)
38 (crenezumab or mabt5102a).mp. (61)
39 (donanemab or ly3002813).mp. (78)
40 (gantenerumab or r1450).mp. (89)
41 gsk933776.mp. (6)
42 jnj-63733657.mp. (4)
43 khk6640.mp. (0)
44 lu af87908.mp. (4)
45 ly2599666.mp. (1)
46 (zagotanemab or ly3303560).mp. (1)
47 ly3372993.mp. (0)
48 medi1814.mp. (0)
49 pepinemab.mp. (7)
50 (ponezumab or pf-04360365).mp. (16)
51 (semorinemab or ro7105705 or MTAU9937A).mp. (15)
52 (ro7126209 or RG6102).mp. (1)
53 sar228810.mp. (2)
54 (solanezumab or ly2062430).mp. (180)
55 CAD106.mp. (14)
56 ACC-001.mp. (12)
57 AD-002.mp. (1)
58 ACI-24.mp. (6)
59 V950.mp. (1)
60 UB-311.mp. (3)
61 lu af20513.mp. (1)
62 ABvac40.mp. (1)
63 ACI-35.mp. (4)
64 Canakinumab.mp. (1094)
65 Daratumumab.mp. (1594)
66 GB301.mp. (0)
67 E2814.mp. (5)
68 ly3372689.mp. (0)
69 biib080.mp. (2)
70 TB006.mp. (0)
71 LX1001.mp. (0)
72 (GV1001 or Tertomotide).mp. (73)
73 AAV-hTERT.mp. (5)
74 or/26-73 (244784)
75 25 and 74 (3592)
76 Meta-Analysis.pt. (191034)
77 Meta-Analysis as Topic/ (23557)
78 Review.pt. (3245290)
79 exp Review Literature as Topic/ (24049)
80 (metaanaly\$ or metanaly\$ or (meta adj3 analy\$)).tw. (290267)
81 (review\$ or overview\$).ti. (786224)
82 (systematic\$ adj5 (review\$ or overview\$)).tw. (338174)
83 ((quantitative\$ or qualitative\$) adj5 (review\$ or overview\$)).tw. (17851)

84 ((studies or trial\$) adj2 (review\$ or overview\$)).tw. (67077)
85 (integrat\$ adj3 (research or review\$ or literature)).tw. (19099)
86 (pool\$ adj2 (analy\$ or data)).tw. (45609)
87 (handsearch\$ or (hand adj3 search\$)).tw. (11724)
88 (manual\$ adj3 search\$).tw. (8903)
89 or/76-88 (3751590)
90 animals/ not humans/ (5142277)
91 89 not 90 (3571531)
92 75 and 91 (488)
93 Randomized Controlled Trial.pt. (604413)
94 Controlled Clinical Trial.pt. (95480)
95 Clinical Trial.pt. (539136)
96 exp Clinical Trials as Topic/ (386507)
97 Placebos/ (35934)
98 Random Allocation/ (107043)
99 Double-Blind Method/ (176812)
100 Single-Blind Method/ (33099)
101 Cross-Over Studies/ (55835)
102 ((random\$ or control\$ or clinical\$) adj3 (trial\$ or stud\$)).tw. (1605997)
103 (random\$ adj3 allocat\$).tw. (46577)
104 placebo\$.tw. (251554)
105 ((singl\$ or doubl\$ or trebl\$ or tripl\$) adj (blind\$ or mask\$)).tw. (201249)
106 (crossover\$ or (cross adj over\$)).tw. (101923)
107 or/93-106 (2454667)
108 animals/ not humans/ (5142277)
109 107 not 108 (2312420)
110 75 and 109 (929)
111 Observational Studies as Topic/ (9219)
112 Observational Study/ (149539)
113 Epidemiologic Studies/ (9444)
114 exp Case-Control Studies/ (1463468)
115 exp Cohort Studies/ (2547482)
116 Cross-Sectional Studies/ (485882)
117 Controlled Before-After Studies/ (742)
118 Historically Controlled Study/ (231)
119 Interrupted Time Series Analysis/ (1950)
120 Comparative Study.pt. (1913407)
121 case control\$.tw. (162242)
122 case series.tw. (106999)
123 (cohort adj (study or studies)).tw. (332672)
124 cohort analy\$.tw. (12402)
125 (follow up adj (study or studies)).tw. (57213)
126 (observational adj (study or studies)).tw. (169333)
127 longitudinal.tw. (333271)
128 prospective.tw. (734217)
129 retrospective.tw. (775903)
130 cross sectional.tw. (536493)
131 111 or 112 or 113 or 114 or 115 or 116 or 117 or 118 or 119 or 120 or 121 or 122 or 123 or 124 or 125 or 126 or 127 or 128 or 129 or 130 (5612507)
132 75 and 131 (434)
133 Economics/ (27517)
134 exp "Costs and Cost Analysis"/ (267609)
135 Economics, Dental/ (1921)
136 exp Economics, Hospital/ (25768)

- 137 exp Economics, Medical/ (14412)
- 138 Economics, Nursing/ (4013)
- 139 Economics, Pharmaceutical/ (3114)
- 140 Budgets/ (11767)
- 141 exp Models, Economic/ (16249)
- 142 Markov Chains/ (16055)
- 143 Monte Carlo Method/ (32528)
- 144 Decision Trees/ (12159)
- 145 econom\$.tw. (416477)
- 146 cba.tw. (11234)
- 147 cea.tw. (27258)
- 148 cua.tw. (1481)
- 149 markov\$.tw. (32269)
- 150 (monte adj carlo).tw. (59935)
- 151 (decision adj3 (tree\$ or analys\$)).tw. (29662)
- 152 (cost or costs or costing\$ or costly or costed).tw. (760722)
- 153 (price\$ or pricing\$).tw. (54400)
- 154 budget\$.tw. (36431)
- 155 expenditure\$.tw. (69993)
- 156 (value adj3 (money or monetary)).tw. (3279)
- 157 (pharmacoeconomic\$ or (pharmaco adj economic\$)).tw. (4553)
- 158 or/133-157 (1464173)
- 159 75 and 158 (190)
- 160 qualitative research/ (84351)
- 161 nursing methodology research/ (16409)
- 162 exp interviews as topic/ (66846)
- 163 questionnaires/ (569927)
- 164 narration/ (10331)
- 165 health care surveys/ (34060)
- 166 (qualitative\$ or interview\$ or focus group\$ or questionnaire\$ or narrative\$ or narration\$ or survey\$).tw. (2024902)
- 167 (ethno\$ or emic or etic or phenomenolog\$ or grounded theory or constant compar\$ or (thematic\$ adj4 analys\$ or theoretical sampl\$ or purposive sampl\$).tw. (151524)
- 168 (hermeneutic\$ or heidegger\$ or husser\$ or colaizzi\$ or van kaam\$ or van manen\$ or giorgi\$ or glaser\$ or strauss\$ or ricoeur\$ or spiegelberg\$ or merleau\$).tw. (13581)
- 169 (metasynthes\$ or meta-synthes\$ or metasummar\$ or meta-summar\$ or metastud\$ or meta-stud\$ or metathem\$ or meta-them\$).tw. (2629)
- 170 "critical interpretive synthes*".tw. (199)
- 171 (realist adj (review* or synthes\$)).tw. (956)
- 172 (noblit and hare).tw. (106)
- 173 (meta adj (method or triangulation)).tw. (47)
- 174 (CERQUAL or CONQUAL).tw. (472)
- 175 ((thematic or framework) adj synthes\$).tw. (2000)
- 176 or/160-175 (2252847)
- 177 exp Patients/px (18562)
- 178 exp Family/px (104387)
- 179 Caregivers/px (27075)
- 180 ((patient\$ or parent\$ or famil\$ or relative\$ or carer\$ or caregiver\$ or care-giver\$ or inpatient\$ or in-patient\$ or spouse\$ or husband\$ or wife\$ or wive\$ or partner\$ or mother\$ or father\$ or sibling\$ or sister\$ or brother\$) adj6 (experience\$ or belief\$ or stress\$ or emotion\$ or anx\$ or fear\$ or concern\$ or uncertain\$ or unsure or thought\$ or feeling\$ or felt\$ or view\$ or opinion\$ or perception\$ or perspective\$ or attitud\$ or satisfact\$ or know\$ or understand\$ or aware\$)).ti. (145264)
- 181 Stress, Psychological/ (134295)
- 182 Adaptation, psychological/ (105013)

- 183 emotions/ (87424)
- 184 anxiety/ (109337)
- 185 fear/ (39138)
- 186 exp consumer satisfaction/ (24062)
- 187 patient* report* outcome*.tw. (34545)
- 188 or/177-187 (674722)
- 189 exp patients/ (84119)
- 190 exp family/ (372512)
- 191 caregivers/ (51339)
- 192 (patient\$ or parent\$ or famil\$ or relative\$ or carer\$ or caregiver\$ or care-giver\$ or inpatient\$ or in-patient\$ or spous\$ or husband\$ or wife\$ or wive\$ or partner\$ or mother\$ or father\$ or sibling\$ or sister\$ or brother\$).ti. (2869515)
- 193 or/189-192 (3118317)
- 194 pamphlets/ (4138)
- 195 needs assessment/ (32509)
- 196 information centers/ (1050)
- 197 information services/ (15640)
- 198 health education/ (63946)
- 199 information dissemination/ (19464)
- 200 counseling/ (40110)
- 201 social support/ (79297)
- 202 self-help groups/ (9624)
- 203 self care/ (36250)
- 204 ((patient\$ or parent\$ or famil\$ or relative\$ or carer\$ or caregiver\$ or care-giver\$ or spous\$ or husband\$ or wife\$ or wive\$ or partner\$) adj6 (educat\$ or informat\$ or communicat\$ or pamphlet\$ or handout\$ or hand-out\$ or hand out\$ or booklet\$ or leaflet\$ or support\$ or need\$ or advice\$ or advis\$)).ti. (70911)
- 205 ((patient\$ or parent\$ or famil\$ or relative\$ or carer\$ or caregiver\$ or care-giver\$ or spous\$ or husband\$ or wife\$ or wive\$ or partner\$) adj6 (counsel\$ or selfhelp\$ or self-help\$ or self help\$ or selfcar\$ or self-car\$ or self car\$)).ti. (5582)
- 206 patient education as topic/ (88369)
- 207 patient education handout/ (5705)
- 208 consumer health information/ (4323)
- 209 patient* diar*.tw. (1380)
- 210 or/194-209 (408762)
- 211 193 and 210 (154422)
- 212 176 or 188 or 211 (2744276)
- 213 animals/ not humans/ (5142277)
- 214 212 not 213 (2626272)
- 215 75 and 214 (67)
- 216 92 or 110 or 132 or 159 or 215 (1549)

Database: Embase <1974 to 2023 November 28>

Search Strategy:

- 1 exp *Dementia/ (267500)
- 2 (dementi* or pseudodementia).tw. (203772)
- 3 (alzheimer* or alzeimer* or (cortical adj4 sclerosis)).tw. (253393)
- 4 ((encephalopath* or cogniti* or neurocogniti*) adj4 (aids or hiv)).tw. (6722)
- 5 ((aphasi* adj4 (primary or progress*)) or mesulam* or ppa or (ftd adj4 temporal)).tw. (10102)
- 6 (((creutzfeldt or ja?ob*) adj4 (disease or syndrome)) or cjd or (spongiform adj4 encephalopath*) or "corticostriatal degeneration" or (pseudosclerosis adj4 spastic)).tw. (14508)
- 7 (binswanger* or ((subcortic* or "sub cortic*" or arteriosclerotic) adj4 (encephalopath* or leukoencephalopath*)) or cadasil*).tw. (3780)
- 8 ((kosaka adj2 shibayama) or (neurofibrillary adj1 tangle*) or dntc).tw. (13419)
- 9 (((frontotemporal or (fronto adj temporal) or (corticobasal or (cortico adj basal) or (frontal adj lobe)))) adj4

(degenerati* or dysfunction)) or ftld or ftlds or ftd or ftds).tw. (18092)

10 ((pick* adj1 (complex or disease* or syndrome)) or (wilhemsen adj1 lynch) or ddpac or (lob* adj4 atroph*)).tw. (7893)

11 (huntington* or ((progressive or major or juvenile or hereditary) adj4 chorea)).tw. (28627)

12 (((kluver or kluever) adj4 bu?y) or (("temporal lobectomy" adj4 behavi*) or ("temporal lobe" adj4 dysfunction))).tw. (805)

13 ("lewy bod*" or dlb or lbd or dlbd).tw. (21735)

14 ("senile confusion" or "senile psychosis" or senilit*).tw. (948)

15 *tauopathy/ (3100)

16 tauopath*.tw. (8154)

17 cerad.tw. (1768)

18 (Posterior adj cortic* adj atroph*).tw. (970)

19 sivd.tw. (246)

20 or/1-19 (481470)

21 *mild cognitive impairment/ (15635)

22 (mild cogniti* adj3 (dysfunction* or disorder* or impair* or declin* or deteriorat* or decrement*)).ti,ab. (38302)

23 MCI.ti,ab. (42076)

24 21 or 22 or 23 (57666)

25 20 or 24 (504986)

26 *monoclonal antibody/ (79736)

27 monoclonal antibod*.ti,ab. (261882)

28 (aab-003 or pf-05236812).mp. (18)

29 (tilavonemab or abbv-8e12 or c2n 8e12).mp. (113)

30 acu193.mp. (7)

31 (aducanumab or aduhelm or BIIB-037 or BIIB037).mp. (1280)

32 al002.mp. (8)

33 (lecanemab or ban2401).mp. (501)

34 (bapineuzumab or aab-001 or eln115727).mp. (904)

35 (bepranemab or ucb0107 or "ucb 0107").mp. (37)

36 biib076.mp. (8)

37 (gosuranemab or biib092 or BMS-986168).mp. (117)

38 (crenezumab or mabt5102a).mp. (409)

39 (donanemab or ly3002813).mp. (240)

40 (gantenerumab or r1450).mp. (543)

41 gsk933776.mp. (11)

42 jnj-63733657.mp. (32)

43 khk6640.mp. (2)

44 lu af87908.mp. (6)

45 ly2599666.mp. (2)

46 (zagotanemab or ly3303560).mp. (6)

47 ly3372993.mp. (0)

48 medi1814.mp. (4)

49 pepinemab.mp. (85)

50 (ponezumab or pf-04360365).mp. (177)

51 (semorinemab or ro7105705 or MTAU9937A).mp. (84)

52 (ro7126209 or RG6102).mp. (4)

53 sar228810.mp. (8)

54 (solanezumab or ly2062430).mp. (839)

55 CAD106.mp. (49)

56 ACC-001.mp. (157)

57 AD-002.mp. (3)

58 ACI-24.mp. (53)

59 V950.mp. (11)

60 UB-311.mp. (45)

61 lu af20513.mp. (6)
62 ABvac40.mp. (9)
63 ACI-35.mp. (52)
64 Canakinumab.mp. (5199)
65 Daratumumab.mp. (7043)
66 GB301.mp. (0)
67 E2814.mp. (8)
68 ly3372689.mp. (3)
69 biib080.mp. (2)
70 TB006.mp. (3)
71 LX1001.mp. (1)
72 (GV1001 or Tertomotide).mp. (246)
73 AAV-hTERT.mp. (6)
74 or/26-73 (293397)
75 25 and 74 (6040)
76 "meta analysis (topic)"/ or meta analysis/ (348342)
77 "systematic review"/ or "systematic review (topic)"/ (470774)
78 (metaanaly\$ or metanaly\$ or (meta adj3 analy\$)).tw. (367922)
79 (review\$ or overview\$).ti. (898852)
80 (systematic\$ adj5 (review\$ or overview\$)).tw. (409433)
81 ((quantitative\$ or qualitative\$) adj5 (review\$ or overview\$)).tw. (21414)
82 ((studies or trial\$) adj2 (review\$ or overview\$)).tw. (80464)
83 (integrat\$ adj3 (research or review\$ or literature)).tw. (21787)
84 (pool\$ adj2 (analy\$ or data)).tw. (67256)
85 (handsearch\$ or (hand adj3 search\$)).tw. (14260)
86 (manual\$ adj3 search\$).tw. (10665)
87 or/76-86 (1403049)
88 75 and 87 (275)
89 Clinical-Trial/ or Randomized-Controlled-Trial/ or Randomization/ or Single-Blind-Procedure/ or Double-Blind-Procedure/ or Crossover-Procedure/ or Prospective-Study/ or Placebo/ (2578874)
90 (((clinical or control or controlled) adj (study or trial)) or ((single or double or triple) adj (blind\$3 or mask\$3)) or (random\$ adj (assign\$ or allocat\$ or group or grouped or patients or study or trial or distribut\$)) or (crossover adj (design or study or trial)) or placebo or placebos).ti,ab. (1395046)
91 89 or 90 (3124923)
92 75 and 91 (1398)
93 Observational Study/ (346529)
94 epidemiology/ (248376)
95 exp case control study/ (228310)
96 exp cohort analysis/ (1080616)
97 cross-sectional study/ (596037)
98 Controlled Before-After.mp. (537)
99 Historically Controlled Study.mp. (97)
100 Interrupted Time Series Analysis.mp. (3349)
101 comparative study/ (1035561)
102 case control\$.tw. (214201)
103 case series.tw. (150672)
104 (cohort adj (study or studies)).tw. (478836)
105 cohort analy\$.tw. (19984)
106 (follow up adj (study or studies)).tw. (74632)
107 (observational adj (study or studies)).tw. (262128)
108 longitudinal.tw. (450184)
109 prospective.tw. (1120908)
110 retrospective.tw. (1285705)
111 cross sectional.tw. (697996)

112 or/93-111 (5493615)
 113 75 and 112 (497)
 114 *economics/ (27807)
 115 "cost"/ (63560)
 116 exp *health economics/ (308982)
 117 *pharmacoeconomics/ (6174)
 118 budget/ (33903)
 119 exp economic model/ (3876)
 120 Markov chain/ (10645)
 121 Monte Carlo method/ (51906)
 122 "decision tree"/ (22584)
 123 econom\$.tw. (503910)
 124 cba.ti. (1302)
 125 cea.tw. (41960)
 126 cua.tw. (1892)
 127 markov\$.tw. (40279)
 128 (monte adj carlo).tw. (62209)
 129 (decision adj3 (tree\$ or analys\$)).tw. (39414)
 130 (cost or costs or costing\$ or costly or costed).tw. (1008410)
 131 (price\$ or pricing\$).tw. (74076)
 132 budget\$.tw. (47884)
 133 expenditure\$.tw. (92029)
 134 (value adj3 (money or monetary)).tw. (4364)
 135 (pharmacoeconomic\$ or (pharmac adj economic\$)).tw. (9721)
 136 or/114-135 (1857747)
 137 75 and 136 (390)
 138 qualitative research/ (120733)
 139 nursing methodology research/ (14834)
 140 exp interview/ (376417)
 141 questionnaire/ (914770)
 142 health care survey/ (24710)
 143 (qualitative\$ or interview\$ or focus group\$ or questionnaire\$ or narrative\$ or narration\$ or survey\$).tw. (2622600)
 144 (ethno\$ or emic or etic or phenomenolog\$ or grounded theory or constant compar\$ or (thematic\$ adj4 analys\$) or theoretical sampl\$ or purposive sampl\$).tw. (180843)
 145 (hermeneutic\$ or heidegger\$ or husser\$ or colaizzi\$ or van kaam\$ or van manen\$ or giorgi\$ or glaser\$ or strauss\$ or ricoeur\$ or spiegelberg\$ or merleau\$).tw. (16462)
 146 (metasynthes\$ or meta-synthes\$ or metasummar\$ or meta-summar\$ or metastud\$ or meta-stud\$ or metathem\$ or meta-them\$).tw. (2869)
 147 "critical interpretive synthes*".tw. (204)
 148 (realist adj (review* or synthes\$)).tw. (997)
 149 (noblit and hare).tw. (116)
 150 (meta adj (method or triangulation)).tw. (50)
 151 (CERQUAL or CONQUAL).tw. (489)
 152 ((thematic or framework) adj synthes\$).tw. (2204)
 153 or/138-152 (2919594)
 154 ((patient\$ or parent\$ or famil\$ or relative\$ or carer\$ or caregiver\$ or care-giver\$ or inpatient\$ or in-patient\$ or spous\$ or husband\$ or wife\$ or wive\$ or partner\$ or mother\$ or father\$ or sibling\$ or sister\$ or brother\$) adj6 (experience\$ or belief\$ or stress\$ or emotion\$ or anx\$ or fear\$ or concern\$ or uncertain\$ or unsure or thought\$ or feeling\$ or felt\$ or view\$ or opinion\$ or perception\$ or perspective\$ or attitud\$ or satisfact\$ or know\$ or understand\$ or aware\$)).ti. (196132)
 155 psychological adjustment/ (2718)
 156 exp customer satisfaction/ (445)
 157 patient* report* outcome*.tw. (58145)

158 or/154-155 (198653)
159 exp patient/ (3034317)
160 family/ (104250)
161 caregiver/ (116207)
162 (patient\$ or parent\$ or famil\$ or relative\$ or carer\$ or caregiver\$ or care-giver\$ or inpatient\$ or in-patient\$ or spous\$ or husband\$ or wife\$ or wife\$ or partner\$ or mother\$ or father\$ or sibling\$ or sister\$ or brother\$).ti. (4013859)
163 or/159-162 (6110907)
164 information center/ (17754)
165 information service/ (15982)
166 health education/ (110518)
167 information dissemination/ (25259)
168 counseling/ (82409)
169 social support/ (116791)
170 self help/ (14901)
171 self care/ (77169)
172 ((patient\$ or parent\$ or famil\$ or relative\$ or carer\$ or caregiver\$ or care-giver\$ or spous\$ or husband\$ or wife\$ or wife\$ or partner\$) adj6 (educat\$ or informat\$ or communicat\$ or pamphlet\$ or handout\$ or hand-out\$ or hand out\$ or booklet\$ or leaflet\$ or support\$ or need\$ or advice\$ or advis\$)).ti. (93143)
173 ((patient\$ or parent\$ or famil\$ or relative\$ or carer\$ or caregiver\$ or care-giver\$ or spous\$ or husband\$ or wife\$ or wife\$ or partner\$) adj6 (counsel\$ or selfhelp\$ or self-help\$ or self help\$ or selfcar\$ or self-car\$ or self car\$)).ti. (7527)
174 patient education/ (126599)
175 consumer health information/ (4300)
176 patient* diar*.tw. (2761)
177 or/164-176 (616296)
178 163 and 177 (246010)
179 153 or 158 or 178 (3154532)
180 75 and 179 (152)
181 88 or 92 or 113 or 137 or 180 (2104)
182 animal/ not human/ (1204159)
183 181 not 182 (2098)

Review question 16a

What effect does modifying risk factors (repositioning drugs acting on possible etiological causes of dementia) have on slowing the progression of dementia?

Study design: RCT, Systematic Reviews, observational studies

Number of records per database from 2017 to 27th november 2023

Database	Records
Cochrane Database od Systematic Reviews	26
CENTRAL	887
MEDLINE	2601
Embase	3174
Total (Database)	6688
Total (Database) after removing duplicates	

Cochrane Library (issue 11, 2023)

#1	MeSH descriptor: [Dementia] explode all trees	9336
#2	(dementi* OR pseudodementia):ti,ab	15624
#3	(alzheimer* OR alzeimer* OR (cortical NEAR/4 sclerosis)):ti,ab	12922
#4	((encephalopath* OR cogniti* OR neurocogniti*) NEAR/4 (aids OR hiv)):ti,ab	468
#5	((aphasi* NEAR/4 (primary OR progress*)) OR mesulam* OR ppa OR (ftd NEAR/4 temporal)):ti,ab	663
#6	((creutzfeldt OR jakob*) NEAR/4 (disease OR syndrome)) OR cjd OR (spongiform NEAR/4 encephalopath*) OR "corticostriatospinal degeneration" OR (pseudosclerosis NEAR/4 spastic):ti,ab	64
#7	(binswanger* OR ((subcortic* OR arterisclerotic) NEAR/4 (encephalopath* OR leukoencephalopath*)) OR cadasil*):ti,ab	45
#8	((kosaka NEAR/2 shibayama) OR (neurofibrillary NEXT tangle*) OR dntc):ti,ab	81
#9	((frontotemporal OR (fronto NEXT temporal) OR (corticobasal OR (cortico NEXT basal) OR (frontal NEXT lobe))) NEAR/4 (degenerati* or dysfunction)) OR ftld OR ftlds OR ftd OR ftds):ti,ab	364
#10	(pick* NEAR/1 (complex OR disease* OR syndrome)):ti,ab or ((wilhemsen NEAR/1 lynch) OR ddpac OR (lob* NEAR/4 atroph*)):ti,ab	121
#11	(huntington* OR ((progressive OR major OR juvenile OR hereditary) NEAR/4 chorea)):ti,ab	757
#12	((kluver OR kluever) NEAR/4 bucy) OR (("temporal lobectomy" NEAR/4 behavi*) OR ("temporal lobe" NEAR/4 dysfunction)):ti,ab	14
#13	((lewy NEXT bod*) OR dlb OR lbd OR dlbd):ti,ab	537
#14	((senile NEXT confusion) OR (senile NEXT psychosis) OR senilit*):ti,ab	55
#15	MeSH descriptor: [Tauopathies] this term only	14
#16	tauopath*:ti,ab	54
#17	cerad:ti,ab	148
#18	Posterior NEXT cortic* NEXT atroph*	16
#19	sivd:ti,ab	16
#20	{or #1-#19}	26100
#21	MeSH descriptor: [Alcohol Abstinence] this term only	143
#22	MeSH descriptor: [Alcohol Drinking] this term only	4872
#23	MeSH descriptor: [Binge Drinking] this term only	273
#24	MeSH descriptor: [Alcoholic Intoxication] this term only	773
#25	MeSH descriptor: [Alcoholism] this term only	5379
#26	MeSH descriptor: [Temperance] this term only	297
#27	((alcohol* or drink*) NEAR/4 (consum* or abstinence or abstain* or abstention* or binge)):ti,ab	9699

#28 (temperance* or sobriety):ti,ab 209

#29 MeSH descriptor: [Smoking] this term only 8789

#30 MeSH descriptor: [Tobacco Use Cessation] this term only 160

#31 MeSH descriptor: [Smoking Cessation] this term only 5652

#32 MeSH descriptor: [Vaping] this term only 144

#33 MeSH descriptor: [Tobacco Products] this term only 508

#34 MeSH descriptor: [Tobacco, Smokeless] this term only 167

#35 MeSH descriptor: [Tobacco Use Cessation Devices] this term only 761

#36 MeSH descriptor: [Electronic Nicotine Delivery Systems] this term only 366

#37 (smok* or tobacco or vap* or cigar*):ti,ab 47212

#38 MeSH descriptor: [Overweight] explode all trees 24963

#39 MeSH descriptor: [Body Mass Index] this term only 12455

#40 (obes* or overweight):ti,ab 52436

#41 (((body or quetelet*) NEAR/4 index) or bmi):ti,ab 79381

#42 MeSH descriptor: [Body Weight Changes] explode all trees 11301

#43 (weight NEAR/4 (los* or reduc* or gain* or increas* or "put on" or decreas* or lower*)):ti,ab 43987

#44 MeSH descriptor: [Exercise] explode all trees 38702

#45 MeSH descriptor: [Physical Exertion] this term only 4251

#46 MeSH descriptor: [Physical Fitness] this term only 3412

#47 MeSH descriptor: [Sedentary Behavior] this term only 1602

#48 (Physical* NEAR/4 (exert* or effort* or fit* or activ*)):ti,ab 45105

#49 (exercise or sedentary or inactiv*):ti,ab 118970

#50 MeSH descriptor: [Diabetes Mellitus] explode all trees 46811

#51 Diabet*:ti,ab 109865

#52 MeSH descriptor: [Hypertension] explode all trees 26701

#53 (hypertensi* or (blood NEAR/4 pressure)):ti,ab 129769

#54 MeSH descriptor: [Hypercholesterolemia] explode all trees 4331

#55 ((high or elevat* or raise*) NEAR/4 cholesterol):ti,ab 10600

#56 Hypercholesterolemia*:ti,ab OR HYPERCHOLESTEREMIA*:Ti,AB 4490

#57 MeSH descriptor: [Diet] this term only 11362

#58 MeSH descriptor: [Beverages] explode all trees 8668

#59 MeSH descriptor: [Food] explode all trees 45635

#60 (diet* or food* or drink* or beverage*):ti,ab 132701

#61 MeSH descriptor: [Anti-Inflammatory Agents, Non-Steroidal] explode all trees 8777

#62 ((("non steroidal" or nonsteroidal or non-steroidal or "anti rheumatic" or anti-rheumatic or antirheumatic) NEAR/4 (agent* or drug* or "anti inflammatory" or anti inflammatory or antiinflammatory)):ti,ab 10321

#63 (analgesic* NEAR/4 ("anti inflammatory" or anti-inflammatory or antiinflammatory)):ti,ab 1634

#64 (nsaid* or aspirin):ti,ab 21421

#65 MeSH descriptor: [Antipsychotic Agents] explode all trees 5683

#66 (antipsychotic* or neuroleptic* or tranquil*):ti,ab 10835

#67 {or #21-#66} 577056

#68 MeSH descriptor: [Disease Progression] this term only 8865

#69 MeSH descriptor: [Disease Management] this term only 1374

#70 ((disease* or syndrome* or illness* or condition*) NEAR/4 (slow* or reduc* or exacerbat* or progress* or delay* or modif* or increas* or decreas* or manag* or control* or worsen* or deteriorat*)):ti,ab 124590

#71 MeSH descriptor: [Prognosis] explode all trees 203795

#72 prognos*:ti,ab 41404

#73 #68 or #69 or #70 or #71 or #72 342109

#74 #20 and #67 and #73 with Publication Year from 2015 to present, in Trials 887

#75 #20 and #67 and #73 with Cochrane Library publication date from Jan 2015 to present, in Cochrane Reviews 26

#20 and #67 and #73 with Publication Year from 2022 to present, in Trials 164

#20 and #67 and #73 with Cochrane Library publication date from Jan 2022 to present, in Cochrane Reviews 6

Database: Ovid MEDLINE(R) ALL <1946 to November 27, 2023>

Search Strategy:

- 1 exp Dementia/ (209454)
- 2 (dementi* or pseudodementia).tw. (142130)
- 3 (alzheimer* or alzeimer* or (cortical adj4 sclerosis)).tw. (188468)
- 4 ((encephalopath* or cogniti* or neurocogniti*) adj4 (aids or hiv)).tw. (4560)
- 5 ((aphasi* adj4 (primary or progress*)) or mesulam* or ppa or (ftd adj4 temporal)).tw. (6965)
- 6 (((creutzfeldt or ja?ob*) adj4 (disease or syndrome)) or cjd or (spongiform adj4 encephalopath*) or "corticostriatal degeneration" or (pseudosclerosis adj4 spastic)).tw. (11605)
- 7 (binswanger* or ((subcortic* or "sub cortic*" or arteriosclerotic) adj4 (encephalopath* or leukoencephalopath*)) or cadasil*).tw. (2615)
- 8 ((kosaka adj2 shibayama) or (neurofibrillary adj1 tangle*) or dntc).tw. (10057)
- 9 (((frontotemporal or (fronto adj temporal) or (corticobasal or (cortico adj basal) or (frontal adj lobe))) adj4 (degenerati* or dysfunction)) or ftld or ftlds or ftd or ftds).tw. (10817)
- 10 ((pick* adj1 (complex or disease* or syndrome)) or (wilhemsens adj1 lynch) or ddpac or (lob* adj4 atroph*)).tw. (5931)
- 11 (huntington* or ((progressive or major or juvenile or hereditary) adj4 chorea)).tw. (21190)
- 12 (((kliver or kluever) adj4 bu?y) or (("temporal lobectomy" adj4 behavi*) or ("temporal lobe" adj4 dysfunction))).tw. (622)
- 13 ("lewy bod*" or dlb or lbd or dlbd).tw. (14655)
- 14 ("senile confusion" or "senile psychosis" or senilit*).tw. (873)
- 15 Tauopathies/ (2668)
- 16 tauopath*.tw. (5264)
- 17 cerad.tw. (941)
- 18 (Posterior adj cortic* adj atroph*).tw. (553)
- 19 sivd.tw. (180)
- 20 or/1-19 (355242)
- 21 alcohol abstinence/ or alcohol drinking/ or binge drinking/ or alcoholic intoxication/ or alcoholism/ (152910)
- 22 Temperance/ (2535)
- 23 ((alcohol* or drink*) adj4 (consum* or abstinence or abstain* or abstention* or binge)).tw. (78707)
- 24 (temperance* or sobriety).tw. (1591)
- 25 Smoking/ (149359)
- 26 "tobacco use cessation"/ or smoking cessation/ or vaping/ (37252)
- 27 tobacco products/ or tobacco, smokeless/ or "tobacco use cessation products"/ or electronic cigarettes/ (19797)
- 28 (smok* or tobacco or vap* or cigar*).tw. (484582)
- 29 exp Overweight/ (276945)
- 30 body mass index/ (150609)
- 31 (obes* or overweight).tw. (403333)
- 32 (((body or quetelet*) adj4 index) or bmi).tw. (331066)
- 33 exp Body Weight changes/ (84898)
- 34 (weight adj4 (los* or reduc* or gain* or increas* or put on or decreas* or lower*)).tw. (307363)
- 35 exp Exercise/ (251007)
- 36 physical exertion/ or physical fitness/ (84806)
- 37 Sedentary Lifestyle/ (13821)
- 38 (Physical* adj4 (exert* or effort* or fit* or activ*)).tw. (183336)
- 39 (exercise or sedentary or inactiv*).tw. (678894)
- 40 exp Diabetes Mellitus/ (515708)
- 41 diabet*.tw. (785365)
- 42 exp Hypertension/ (320509)
- 43 (hypertensi* or (blood adj4 pressure)).tw. (728200)
- 44 exp Hypercholesterolemia/ (27380)
- 45 ((high or elevat* or raise*) adj4 cholesterol).tw. (64784)
- 46 Hypercholesterolemia*.tw. (28542)

47 exp Diet/ (333138)
48 exp beverages/ or exp food/ (1546870)
49 (diet* or food* or drink* or beverage*).tw. (1320354)
50 exp Anti-Inflammatory Agents, Non-Steroidal/ (216609)
51 ((non steroidal or nonsteroidal or non-steroidal or anti rheumatic or anti-rheumatic or antirheumatic) adj4 (agent* or drug* or anti inflammatory or anti-inflammatory or antiinflammatory)).tw. (54160)
52 (analgesic* adj4 (anti inflammatory or anti-inflammatory or antiinflammatory)).tw. (8569)
53 (nsaid* or aspirin).tw. (80126)
54 exp Antipsychotic Agents/ (129211)
55 (antipsychotic* or neuroleptic* or tranquil*).tw. (69280)
56 or/21-55 (5814427)
57 disease progression/ (191175)
58 Disease management/ (43061)
59 ((disease* or syndrome* or illness* or condition*) adj4 (slow* or reduc* or exacerbat* or progress* or delay* or modif* or increas* or decreas* or manag* or control* or worsen* or deteriorat*)).tw. (942007)
60 prognosis.sh. or prognos*.tw. (1101383)
61 or/57-60 (2113102)
62 20 and 56 and 61 (9505)
63 Meta-Analysis.pt. (190979)
64 Meta-Analysis as Topic/ (23555)
65 Review.pt. (3244683)
66 exp Review Literature as Topic/ (24046)
67 (metaanaly\$ or metanaly\$ or (meta adj3 analy\$)).tw. (290080)
68 (review\$ or overview\$).ti. (785861)
69 (systematic\$ adj5 (review\$ or overview\$)).tw. (337941)
70 ((quantitative\$ or qualitative\$) adj5 (review\$ or overview\$)).tw. (17843)
71 ((studies or trial\$) adj2 (review\$ or overview\$)).tw. (67047)
72 (integrat\$ adj3 (research or review\$ or literature)).tw. (19085)
73 (pool\$ adj2 (analy\$ or data)).tw. (45588)
74 (handsearch\$ or (hand adj3 search\$)).tw. (11721)
75 (manual\$ adj3 search\$).tw. (8902)
76 or/63-75 (3750716)
77 animals/ not humans/ (5142069)
78 76 not 77 (3570672)
79 62 and 78 (3230)
80 Randomized Controlled Trial.pt. (604352)
81 Controlled Clinical Trial.pt. (95473)
82 Clinical Trial.pt. (539130)
83 exp Clinical Trials as Topic/ (386470)
84 Placebos/ (35934)
85 Random Allocation/ (107043)
86 Double-Blind Method/ (176801)
87 Single-Blind Method/ (33098)
88 Cross-Over Studies/ (55833)
89 ((random\$ or control\$ or clinical\$) adj3 (trial\$ or stud\$)).tw. (1605465)
90 (random\$ adj3 allocat\$).tw. (46552)
91 placebo\$.tw. (251499)
92 ((singl\$ or doubl\$ or trebl\$ or tripl\$) adj (blind\$ or mask\$)).tw. (201205)
93 (crossover\$ or (cross adj over\$)).tw. (101907)
94 or/80-93 (2454088)
95 animals/ not humans/ (5142069)
96 94 not 95 (2311844)
97 62 and 96 (1832)
98 Observational Studies as Topic/ (9218)

99 Observational Study/ (149479)
100 Epidemiologic Studies/ (9443)
101 exp Case-Control Studies/ (1463190)
102 exp Cohort Studies/ (2547112)
103 Cross-Sectional Studies/ (485799)
104 Controlled Before-After Studies/ (741)
105 Historically Controlled Study/ (231)
106 Interrupted Time Series Analysis/ (1950)
107 Comparative Study.pt. (1913393)
108 case control\$.tw. (162179)
109 case series.tw. (106962)
110 (cohort adj (study or studies)).tw. (332491)
111 cohort analy\$.tw. (12395)
112 (follow up adj (study or studies)).tw. (57200)
113 (observational adj (study or studies)).tw. (169253)
114 longitudinal.tw. (333130)
115 prospective.tw. (734001)
116 retrospective.tw. (775571)
117 cross sectional.tw. (536197)
118 98 or 99 or 100 or 101 or 102 or 103 or 104 or 105 or 106 or 107 or 108 or 109 or 110 or 111 or 112 or 113 or 114 or 115 or 116 or 117 (5611355)
119 animals/ not humans/ (5142069)
120 118 not 119 (5119053)
121 62 and 120 (2527)
122 79 or 97 or 121 (5918)
123 limit 122 to yr="2017 -Current" (2601)

 limit 122 to yr="2022-Current" (820)

Database: Embase <1974 to 2023 November 27>

Search Strategy:

1 exp *Dementia/ (267400)
2 (dementi* or pseudodementia).tw. (203712)
3 (alzheimer* or alzeimer* or (cortical adj4 sclerosis)).tw. (253306)
4 ((encephalopath* or cogniti* or neurocogniti*) adj4 (aids or hiv)).tw. (6720)
5 ((aphasi* adj4 (primary or progress*)) or mesulam* or ppa or (ftd adj4 temporal)).tw. (10101)
6 (((creutzfeldt or ja?ob*) adj4 (disease or syndrome)) or cjd or (spongiform adj4 encephalopath*) or "corticostriatal degeneration" or (pseudosclerosis adj4 spastic)).tw. (14508)
7 (binswanger* or ((subcortic* or "sub cortic*" or arterisclerotic) adj4 (encephalopath* or leukoencephalopath*)) or cadasil*).tw. (3780)
8 ((kosaka adj2 shibayama) or (neurofibrillary adj1 tangle*) or dntc).tw. (13417)
9 (((frontotemporal or (fronto adj temporal) or (corticobasal or (cortico adj basal) or (frontal adj lobe))) adj4 (degenerati* or dysfunction)) or ftld or ftlds or ftd or ftlds).tw. (18089)
10 ((pick* adj1 (complex or disease* or syndrome)) or (wilhemsen adj1 lynch) or ddpac or (lob* adj4 atroph*)).tw. (7892)
11 (huntington* or ((progressive or major or juvenile or hereditary) adj4 chorea)).tw. (28618)
12 (((kløver or kløver) adj4 bu?y) or (("temporal lobectomy" adj4 behavi*) or ("temporal lobe" adj4 dysfunction))).tw. (805)
13 ("lewy bod*" or dlb or lbd or dlbd).tw. (21729)
14 ("senile confusion" or "senile psychosis" or senilit*).tw. (948)
15 *tauopathy/ (3100)
16 tauopath*.tw. (8153)
17 cerad.tw. (1768)

18 (Posterior adj cortic* adj atroph*).tw. (970)
 19 sivd.tw. (246)
 20 or/1-19 (481330)
 21 alcohol abstinence/ or drinking behavior/ or binge drinking/ or alcoholic intoxication/ or alcoholism/ (190137)
 22 ((alcohol* or drink*) adj4 (consum* or abstinence or abstain* or abstention* or binge)).tw. (109886)
 23 (temperance* or sobriety).tw. (2117)
 24 Smoking/ (382638)
 25 smoking cessation/ or vaping/ (74503)
 26 tobacco/ or smokeless tobacco/ or nicotine gum/ or electronic cigarette/ (72187)
 27 (smok* or tobacco or vap* or cigar*).tw. (664912)
 28 exp obesity/ (675145)
 29 body mass/ (650253)
 30 (obes* or overweight).tw. (599048)
 31 (((body or quetelet*) adj4 index) or bmi).tw. (598717)
 32 exp body weight change/ (139512)
 33 (weight adj4 (los* or reduc* or gain* or increas* or put on or decreas* or lower*)).tw. (446581)
 34 exp exercise/ (438608)
 35 fitness/ (42906)
 36 Sedentary Lifestyle/ (21002)
 37 (Physical* adj4 (exert* or effort* or fit* or activ*)).tw. (244575)
 38 (exercise or sedentary or inactiv*).tw. (852509)
 39 exp Diabetes Mellitus/ (1245170)
 40 diabet*.tw. (1191805)
 41 exp hypertension/ (942625)
 42 (hypertensi* or (blood adj4 pressure)).tw. (1097097)
 43 exp hypercholesterolemia/ (84018)
 44 ((high or elevat* or raise*) adj4 cholesterol).tw. (84377)
 45 Hypercholesterolemia*.tw. (42259)
 46 exp diet/ (409361)
 47 exp beverage/ or exp food/ (1265633)
 48 (diet* or food* or drink* or beverage*).tw. (1625095)
 49 exp nonsteroid antiinflammatory agent/ (1225149)
 50 ((non steroidal or nonsteroidal or non-steroidal or anti rheumatic or anti-rheumatic or antirheumatic) adj4 (agent* or drug* or anti inflammatory or anti-inflammatory or antiinflammatory)).tw. (76181)
 51 (analgesic* adj4 (anti inflammatory or anti-inflammatory or antiinflammatory)).tw. (13044)
 52 (nsaid* or aspirin).tw. (174587)
 53 exp neuroleptic agent/ (294688)
 54 (antipsychotic* or neuroleptic* or tranquil*).tw. (100033)
 55 or/21-54 (8186278)
 56 disease exacerbation/ (191204)
 57 Disease management/ (21766)
 58 ((disease* or syndrome* or illness* or condition*) adj4 (slow* or reduc* or exacerbat* or progress* or delay* or modif* or increas* or decreas* or manag* or control* or worsen* or deteriorat*)).tw. (1365777)
 59 prognosis.sh. or prognos*.tw. (1412426)
 60 or/56-59 (2808560)
 61 55 and 60 (773347)
 62 20 and 61 (15927)
 63 "meta analysis (topic)"/ or meta analysis/ (348103)
 64 "systematic review"/ or "systematic review (topic)"/ (470345)
 65 (metaanaly\$ or metanaly\$ or (meta adj3 analy\$)).tw. (367702)
 66 (review\$ or overview\$).ti. (898319)
 67 (systematic\$ adj5 (review\$ or overview\$)).tw. (409131)
 68 ((quantitative\$ or qualitative\$) adj5 (review\$ or overview\$)).tw. (21398)
 69 ((studies or trial\$) adj2 (review\$ or overview\$)).tw. (80416)

70 (integrat\$ adj3 (research or review\$ or literature)).tw. (21771)
71 (pool\$ adj2 (analy\$ or data)).tw. (67225)
72 (handsearch\$ or (hand adj3 search\$)).tw. (14258)
73 (manual\$ adj3 search\$).tw. (10659)
74 or/63-73 (1402327)
75 animal/ not human/ (1204158)
76 74 not 75 (1390564)
77 62 and 76 (1412)
78 Clinical-Trial/ or Randomized-Controlled-Trial/ or Randomization/ or Single-Blind-Procedure/ or Double-Blind-Procedure/ or Crossover-Procedure/ or Prospective-Study/ or Placebo/ (2578227)
79 (((clinical or control or controlled) adj (study or trial)) or ((single or double or triple) adj (blind\$3 or mask\$3)) or (random\$ adj (assign\$ or allocat\$ or group or grouped or patients or study or trial or distribut\$)) or (crossover adj (design or study or trial)) or placebo or placebos).ti,ab. (1394531)
80 78 or 79 (3124161)
81 animal/ not human/ (1204158)
82 80 not 81 (3079195)
83 62 and 82 (2880)
84 Observational Study/ (346316)
85 epidemiology/ (248113)
86 exp case control study/ (228246)
87 exp cohort analysis/ (1079950)
88 cross-sectional study/ (595696)
89 Controlled Before-After.mp. (537)
90 Historically Controlled Study.mp. (97)
91 Interrupted Time Series Analysis.mp. (3343)
92 comparative study/ (1035526)
93 case control\$.tw. (214144)
94 case series.tw. (150636)
95 (cohort adj (study or studies)).tw. (478597)
96 cohort analy\$.tw. (19974)
97 (follow up adj (study or studies)).tw. (74624)
98 (observational adj (study or studies)).tw. (262008)
99 longitudinal.tw. (450023)
100 prospective.tw. (1120585)
101 retrospective.tw. (1285194)
102 cross sectional.tw. (697663)
103 or/84-102 (5491771)
104 animal/ not human/ (1204158)
105 103 not 104 (5363557)
106 62 and 105 (3578)
107 77 or 83 or 106 (6234)
108 limit 107 to yr="2017 -Current" (3174)

limit 107 to yr="2022 -Current" (1062)

Review question 16b

What effect does modifying risk factors (repositioning drugs acting on possible etiological causes of dementia) have on slowing the progression of Mild cognitive impairment (MCI)?

Study design: RCT, Systematic Reviews, observational studies

Number of records per database from 2017 to 28th november 2023

Database	Records
Cochrane Database od Systematic Reviews	23
CENTRAL	636
MEDLINE	1130
Embase	1057
Total (Database)	2846
Total (Database) after removing duplicates	

Cochrane Library (issue 11, 2023)

#1	MeSH descriptor: [Cognitive Dysfunction] this term only	3070
#2	(mild cogniti* NEAR/3 (dysfunction* or disorder* or impair* or declin* or deteriorat* or decrement* or deficit* or disturbanc* or disabilit*)):ti,ab	6138
#3	MCI:ti,ab	3589
#4	#1 OR #2 OR #3	8908
#5	MeSH descriptor: [Alcohol Abstinence] this term only	143
#6	MeSH descriptor: [Alcohol Drinking] this term only	4872
#7	MeSH descriptor: [Binge Drinking] this term only	273
#8	MeSH descriptor: [Alcoholic Intoxication] this term only	773
#9	MeSH descriptor: [Alcoholism] this term only	5379
#10	MeSH descriptor: [Temperance] this term only	297
#11	((alcohol* or drink*) NEAR/4 (consum* or abstinence or abstain* or abstention* or binge)):ti,ab	9699
#12	(temperance* or sobriety):ti,ab	209
#13	MeSH descriptor: [Smoking] this term only	8789
#14	MeSH descriptor: [Tobacco Use Cessation] this term only	160
#15	MeSH descriptor: [Smoking Cessation] this term only	5652
#16	MeSH descriptor: [Vaping] this term only	144
#17	MeSH descriptor: [Tobacco Products] this term only	508
#18	MeSH descriptor: [Tobacco, Smokeless] this term only	167
#19	MeSH descriptor: [Tobacco Use Cessation Devices] this term only	761
#20	MeSH descriptor: [Electronic Nicotine Delivery Systems] this term only	366
#21	(smok* or tobacco or vap* or cigar*):ti,ab	47212
#22	MeSH descriptor: [Overweight] explode all trees	24963
#23	MeSH descriptor: [Body Mass Index] this term only	12455
#24	(obes* or overweight):ti,ab	52436
#25	((body or quetelet*) NEAR/4 index) or bmi):ti,ab	79381
#26	MeSH descriptor: [Body Weight Changes] explode all trees	11301
#27	(weight NEAR/4 (los* or reduc* or gain* or increas* or "put on" or decreas* or lower*)):ti,ab	43987
#28	MeSH descriptor: [Exercise] explode all trees	38702
#29	MeSH descriptor: [Physical Exertion] this term only	4251
#30	MeSH descriptor: [Physical Fitness] this term only	3412
#31	MeSH descriptor: [Sedentary Behavior] this term only	1602
#32	(Physical* NEAR/4 (exert* or effort* or fit* or activ*)):ti,ab	45105
#33	(exercise or sedentary or inactiv*):ti,ab	118970

#34 MeSH descriptor: [Diabetes Mellitus] explode all trees 46811
 #35 Diabet*:ti,ab 109865
 #36 MeSH descriptor: [Hypertension] explode all trees 26701
 #37 (hypertensi* or (blood NEAR/4 pressure)):ti,ab 129769
 #38 MeSH descriptor: [Hypercholesterolemia] explode all trees 4331
 #39 ((high or elevat* or raise*) NEAR/4 cholesterol):ti,ab 10601
 #40 Hypercholesterolemia*:ti,ab OR HYPERCHOLESTEREMIA*:TI,AB 4490
 #41 MeSH descriptor: [Diet] this term only 11362
 #42 MeSH descriptor: [Beverages] explode all trees 8668
 #43 MeSH descriptor: [Food] explode all trees 45635
 #44 (diet* or food* or drink* or beverage*):ti,ab 132701
 #45 MeSH descriptor: [Anti-Inflammatory Agents, Non-Steroidal] explode all trees 8777
 #46 ((“non steroidal” or nonsteroidal or non-steroidal or “anti rheumatic” or anti-rheumatic or antirheumatic) NEAR/4 (agent* or drug* or “anti inflammatory” or anti inflammatory or antiinflammatory)):ti,ab 10321
 #47 (analgesic* NEAR/4 (“anti inflammatory” or anti-inflammatory or antiinflammatory)):ti,ab 1634
 #48 (nsaid* or aspirin):ti,ab 21421
 #49 MeSH descriptor: [Antipsychotic Agents] explode all trees 5683
 #50 (antipsychotic* or neuroleptic* or tranquil*):ti,ab 10835
 #51 {or #5-#50} 577057
 #52 MeSH descriptor: [Disease Progression] this term only 8865
 #53 MeSH descriptor: [Disease Management] this term only 1374
 #54 ((disease* or syndrome* or illness* or condition*) NEAR/4 (slow* or reduc* or exacerbat* or progress* or delay* or modif* or increas* or decreas* or manag* or control* or worsen* or deteriorat*)):ti,ab 124589
 #55 MeSH descriptor: [Prognosis] explode all trees 203795
 #56 prognos*:ti,ab 41404
 #57 #52 or #53 or #54 or #55 or #56 342109
 #58 #4 and #51 and #57 in Cochrane Reviews 23
 #59 #4 and #51 and #57 with Publication Year from 1999 to present, in Trials 636

Database: Ovid MEDLINE(R) ALL <1946 to November 28, 2023>

Search Strategy:

- 1 Cognitive Dysfunction/ (37663)
- 2 (mild cogniti* adj3 (dysfunction* or disorder* or impair* or declin* or deteriorat* or decrement*)):ti,ab,kf. (26255)
- 3 MCI.ti,ab. (23640)
- 4 1 or 2 or 3 (59652)
- 5 alcohol abstinence/ or alcohol drinking/ or binge drinking/ or alcoholic intoxication/ or alcoholism/ (152918)
- 6 Temperance/ (2535)
- 7 ((alcohol* or drink*) adj4 (consum* or abstinence or abstain* or abstention* or binge)).tw. (78740)
- 8 (temperance* or sobriety).tw. (1591)
- 9 Smoking/ (149366)
- 10 "tobacco use cessation"/ or smoking cessation/ or vaping/ (37263)
- 11 tobacco products/ or tobacco, smokeless/ or "tobacco use cessation products"/ or electronic cigarettes/ (19808)
- 12 (smok* or tobacco or vap* or cigar*).tw. (484676)
- 13 exp Overweight/ (277000)
- 14 body mass index/ (150623)
- 15 (obes* or overweight).tw. (403440)
- 16 (((body or quetelet*) adj4 index) or bmi).tw. (331175)
- 17 exp Body Weight changes/ (84911)
- 18 (weight adj4 (los* or reduc* or gain* or increas* or put on or decreas* or lower*)):tw. (307427)
- 19 exp Exercise/ (251042)
- 20 physical exertion/ or physical fitness/ (84806)
- 21 Sedentary Lifestyle/ (13823)
- 22 (Physical* adj4 (exert* or effort* or fit* or activ*)):tw. (183406)
- 23 (exercise or sedentary or inactiv*).tw. (679025)

24 exp Diabetes Mellitus/ (515781)
 25 diabet*.tw. (785566)
 26 exp Hypertension/ (320524)
 27 (hypertensi* or (blood adj4 pressure)).tw. (728348)
 28 exp Hypercholesterolemia/ (27381)
 29 ((high or elevat* or raise*) adj4 cholesterol).tw. (64797)
 30 Hypercholesterolemia*.tw. (28549)
 31 exp Diet/ (333168)
 32 exp beverages/ or exp food/ (1546989)
 33 (diet* or food* or drink* or beverage*).tw. (1320677)
 34 exp Anti-Inflammatory Agents, Non-Steroidal/ (216624)
 35 ((non steroidal or nonsteroidal or non-steroidal or anti rheumatic or anti-rheumatic or antirheumatic) adj4 (agent* or drug* or anti inflammatory or anti-inflammatory or antiinflammatory)).tw. (54172)
 36 (analgesic* adj4 (anti inflammatory or anti-inflammatory or antiinflammatory)).tw. (8570)
 37 (nsaid* or aspirin).tw. (80142)
 38 exp Antipsychotic Agents/ (129215)
 39 (antipsychotic* or neuroleptic* or tranquil*).tw. (69286)
 40 or/5-39 (5815489)
 41 disease progression/ (191189)
 42 Disease management/ (43061)
 43 ((disease* or syndrome* or illness* or condition*) adj4 (slow* or reduc* or exacerbat* or progress* or delay* or modif* or increas* or decreas* or manag* or control* or worsen* or deteriorat*)).tw. (942318)
 44 prognosis.sh. or prognos*.tw. (1101646)
 45 or/41-44 (2113661)
 46 4 and 40 and 45 (1568)
 47 Meta-Analysis.pt. (191034)
 48 Meta-Analysis as Topic/ (23557)
 49 Review.pt. (3245290)
 50 exp Review Literature as Topic/ (24049)
 51 (metaanaly\$ or metanaly\$ or (meta adj3 analy\$)).tw. (290267)
 52 (review\$ or overview\$).ti. (786224)
 53 (systematic\$ adj5 (review\$ or overview\$)).tw. (338174)
 54 ((quantitative\$ or qualitative\$) adj5 (review\$ or overview\$)).tw. (17851)
 55 ((studies or trial\$) adj2 (review\$ or overview\$)).tw. (67077)
 56 (integrat\$ adj3 (research or review\$ or literature)).tw. (19099)
 57 (pool\$ adj2 (analy\$ or data)).tw. (45609)
 58 (handsearch\$ or (hand adj3 search\$)).tw. (11724)
 59 (manual\$ adj3 search\$).tw. (8903)
 60 or/47-59 (3751590)
 61 animals/ not humans/ (5142277)
 62 60 not 61 (3571531)
 63 46 and 62 (409)
 64 Randomized Controlled Trial.pt. (604413)
 65 Controlled Clinical Trial.pt. (95480)
 66 Clinical Trial.pt. (539136)
 67 exp Clinical Trials as Topic/ (386507)
 68 Placebos/ (35934)
 69 Random Allocation/ (107043)
 70 Double-Blind Method/ (176812)
 71 Single-Blind Method/ (33099)
 72 Cross-Over Studies/ (55835)
 73 ((random\$ or control\$ or clinical\$) adj3 (trial\$ or stud\$)).tw. (1605997)
 74 (random\$ adj3 allocat\$).tw. (46577)
 75 placebo\$.tw. (251554)

76 ((singl\$ or doubl\$ or trebl\$ or tripl\$) adj (blind\$ or mask\$)).tw. (201249)
77 (crossover\$ or (cross adj over\$)).tw. (101923)
78 or/64-77 (2454667)
79 animals/ not humans/ (5142277)
80 78 not 79 (2312420)
81 46 and 80 (400)
82 Observational Studies as Topic/ (9219)
83 Observational Study/ (149539)
84 Epidemiologic Studies/ (9444)
85 exp Case-Control Studies/ (1463468)
86 exp Cohort Studies/ (2547482)
87 Cross-Sectional Studies/ (485882)
88 Controlled Before-After Studies/ (742)
89 Historically Controlled Study/ (231)
90 Interrupted Time Series Analysis/ (1950)
91 Comparative Study.pt. (1913407)
92 case control\$.tw. (162242)
93 case series.tw. (106999)
94 (cohort adj (study or studies)).tw. (332672)
95 cohort analy\$.tw. (12402)
96 (follow up adj (study or studies)).tw. (57213)
97 (observational adj (study or studies)).tw. (169333)
98 longitudinal.tw. (333271)
99 prospective.tw. (734217)
100 retrospective.tw. (775903)
101 cross sectional.tw. (536493)
102 82 or 83 or 84 or 85 or 86 or 87 or 88 or 89 or 90 or 91 or 92 or 93 or 94 or 95 or 96 or 97 or 98 or 99 or 100 or 101 (5612507)
103 animals/ not humans/ (5142277)
104 102 not 103 (5120200)
105 46 and 104 (670)
106 63 or 81 or 105 (1142)
107 limit 106 to yr="1999 -Current" (1130)
108 limit 107 to yr="2022 -Current" (195)

Database: Embase <1974 to 2023 November 28>

Search Strategy:

1 mild cognitive impairment/ (38026)
2 (mild cogniti* adj3 (dysfunction* or disorder* or impair* or declin* or deteriorat* or decrement*)).ti,ab. (38302)
3 MCI.ti,ab. (42076)
4 1 or 2 or 3 (65380)
5 exp *Dementia/ (267500)
6 (dementi* or pseudodementia).tw. (203772)
7 (alzheimer* or alzheimer* or (cortical adj4 sclerosis)).tw. (253393)
8 ((encephalopath* or cogniti* or neurocogniti*) adj4 (aids or hiv)).tw. (6722)
9 ((aphasi* adj4 (primary or progress*)) or mesulam* or ppa or (ftd adj4 temporal)).tw. (10102)
10 (((creutzfeldt or ja?ob*) adj4 (disease or syndrome)) or cjd or (spongiform adj4 encephalopath*) or "corticostriatal degeneration" or (pseudosclerosis adj4 spastic)).tw. (14508)
11 (binswanger* or ((subcortic* or "sub cortic*" or arteriosclerotic) adj4 (encephalopath* or leukoencephalopath*)) or cadasil*).tw. (3780)
12 ((kosaka adj2 shibayama) or (neurofibrillary adj1 tangle*) or dntc).tw. (13419)
13 (((frontotemporal or (fronto adj temporal) or (corticobasal or (cortico adj basal) or (frontal adj lobe)))) adj4 (degenerati* or dysfunction)) or ftld or ftlds or ftd or ftds).tw. (18092)
14 ((pick* adj1 (complex or disease* or syndrome)) or (wilhemsen adj1 lynch) or ddpac or (lob* adj4 atroph*)).tw.

(7893)

- 15 (huntington* or ((progressive or major or juvenile or hereditary) adj4 chorea)).tw. (28627)
- 16 (((kluver or kluever) adj4 bu?y) or (("temporal lobectomy" adj4 behavi*) or ("temporal lobe" adj4 dysfunction))).tw. (805)
- 17 ("lewy bod*" or dlb or lbd or dlbd).tw. (21735)
- 18 ("senile confusion" or "senile psychosis" or senilit*).tw. (948)
- 19 *tauopathy/ (3100)
- 20 tauopath*.tw. (8154)
- 21 cerad.tw. (1768)
- 22 (Posterior adj cortic* adj atroph*).tw. (970)
- 23 sivd.tw. (246)
- 24 or/5-23 (481470)
- 25 alcohol abstinence/ or drinking behavior/ or binge drinking/ or alcoholic intoxication/ or alcoholism/ (190159)
- 26 ((alcohol* or drink*) adj4 (consum* or abstinence or abstain* or abstention* or binge)).tw. (109913)
- 27 (temperance* or sobriety).tw. (2117)
- 28 Smoking/ (382728)
- 29 smoking cessation/ or vaping/ (74521)
- 30 tobacco/ or smokeless tobacco/ or nicotine gum/ or electronic cigarette/ (72216)
- 31 (smok* or tobacco or vap* or cigar*).tw. (665090)
- 32 exp obesity/ (675344)
- 33 body mass/ (650373)
- 34 (obes* or overweight).tw. (599236)
- 35 (((body or quetelet*) adj4 index) or bmi).tw. (598883)
- 36 exp body weight change/ (139598)
- 37 (weight adj4 (los* or reduc* or gain* or increas* or put on or decreas* or lower*)).tw. (446697)
- 38 exp exercise/ (438737)
- 39 fitness/ (42913)
- 40 Sedentary Lifestyle/ (21009)
- 41 (Physical* adj4 (exert* or effort* or fit* or activ*)).tw. (244662)
- 42 (exercise or sedentary or inactiv*).tw. (852719)
- 43 exp Diabetes Mellitus/ (1245401)
- 44 diabet*.tw. (1192085)
- 45 exp hypertension/ (942778)
- 46 (hypertensi* or (blood adj4 pressure)).tw. (1097296)
- 47 exp hypercholesterolemia/ (84033)
- 48 ((high or elevat* or raise*) adj4 cholesterol).tw. (84397)
- 49 Hypercholesterolemia*.tw. (42269)
- 50 exp diet/ (409469)
- 51 exp beverage/ or exp food/ (1266098)
- 52 (diet* or food* or drink* or beverage*).tw. (1625584)
- 53 exp nonsteroid antiinflammatory agent/ (1225282)
- 54 ((non steroidal or nonsteroidal or non-steroidal or anti rheumatic or anti-rheumatic or antirheumatic) adj4 (agent* or drug* or anti inflammatory or anti-inflammatory or antiinflammatory)).tw. (76192)
- 55 (analgesic* adj4 (anti inflammatory or anti-inflammatory or antiinflammatory)).tw. (13047)
- 56 (nsaid* or aspirin).tw. (174603)
- 57 exp neuroleptic agent/ (294718)
- 58 (antipsychotic* or neuroleptic* or tranquil*).tw. (100050)
- 59 or/25-58 (8188095)
- 60 disease exacerbation/ (191205)
- 61 Disease management/ (21838)
- 62 ((disease* or syndrome* or illness* or condition*) adj4 (slow* or reduc* or exacerbat* or progress* or delay* or modif* or increas* or decreas* or manag* or control* or worsen* or deteriorat*)).tw. (1366242)
- 63 prognosis.sh. or prognos*.tw. (1412905)
- 64 or/60-63 (2809518)

65 59 and 64 (773554)
66 4 and 65 (1969)
67 "meta analysis (topic)"/ or meta analysis/ (348342)
68 "systematic review"/ or "systematic review (topic)"/ (470774)
69 (metaanaly\$ or metanaly\$ or (meta adj3 analy\$)).tw. (367922)
70 (review\$ or overview\$).ti. (898852)
71 (systematic\$ adj5 (review\$ or overview\$)).tw. (409433)
72 ((quantitative\$ or qualitative\$) adj5 (review\$ or overview\$)).tw. (21414)
73 ((studies or trial\$) adj2 (review\$ or overview\$)).tw. (80464)
74 (integrat\$ adj3 (research or review\$ or literature)).tw. (21787)
75 (pool\$ adj2 (analy\$ or data)).tw. (67256)
76 (handsearch\$ or (hand adj3 search\$)).tw. (14260)
77 (manual\$ adj3 search\$).tw. (10665)
78 or/67-77 (1403049)
79 animal/ not human/ (1204159)
80 78 not 79 (1391286)
81 66 and 80 (235)
82 Clinical-Trial/ or Randomized-Controlled-Trial/ or Randomization/ or Single-Blind-Procedure/ or Double-Blind-Procedure/ or Crossover-Procedure/ or Prospective-Study/ or Placebo/ (2578874)
83 (((clinical or control or controlled) adj (study or trial)) or ((single or double or triple) adj (blind\$3 or mask\$3)) or (random\$ adj (assign\$ or allocat\$ or group or grouped or patients or study or trial or distribut\$)) or (crossover adj (design or study or trial)) or placebo or placebos).ti,ab. (1395046)
84 82 or 83 (3124923)
85 animal/ not human/ (1204159)
86 84 not 85 (3079957)
87 66 and 86 (510)
88 Observational Study/ (346529)
89 epidemiology/ (248376)
90 exp case control study/ (228310)
91 exp cohort analysis/ (1080616)
92 cross-sectional study/ (596037)
93 Controlled Before-After.mp. (537)
94 Historically Controlled Study.mp. (97)
95 Interrupted Time Series Analysis.mp. (3349)
96 comparative study/ (1035561)
97 case control\$.tw. (214201)
98 case series.tw. (150672)
99 (cohort adj (study or studies)).tw. (478836)
100 cohort analy\$.tw. (19984)
101 (follow up adj (study or studies)).tw. (74632)
102 (observational adj (study or studies)).tw. (262128)
103 longitudinal.tw. (450184)
104 prospective.tw. (1120908)
105 retrospective.tw. (1285705)
106 cross sectional.tw. (697996)
107 or/88-106 (5493615)
108 animal/ not human/ (1204159)
109 107 not 108 (5365401)
110 66 and 109 (650)
111 81 or 87 or 110 (1060)
112 limit 111 to yr="1999 -Current" (1057)
113 limit 112 to yr="2022 -Current" (238)

Review question 17a

How effective is the co-prescription of cholinesterase inhibitors and memantine for the treatment of Alzheimer's disease?

Study design: RCT, Systematic Reviews, observational studies

Number of records per database dal 2017 al 28 novembre 2023

Database	Records
Cochrane Database od Systematic Reviews	3
CENTRAL	197
MEDLINE	285
Embase	1006
Total (Database)	x
Total (Database) after removing duplicates	

Cochrane Library (issue 11, 2023)

#1	MeSH descriptor: [Alzheimer Disease] this term only	5391
#2	(alzheimer* or alzeimer* or (cortical NEAR/4 sclerosis)):ti,ab	12922
#3	#1 OR #2	13507
#4	MeSH descriptor: [Cholinesterase Inhibitors] explode all trees	1128
#5	((Cholinesterase* or acetylcholinesterase* or anticholinesterase*) NEAR/2 (inhibitor* or block* or agent* or drug*)):ti,ab	1509
#6	(ChEI* or AChEI*):ti,ab	583
#7	(donepezil OR aricept* OR asenta OR eranz OR memac OR memorit):ti,ab	1794
#8	MeSH descriptor: [Galantamine] this term only	264
#9	(galantamin* OR reminy* OR lycoremin* OR galanthamine OR nivalin* OR razadyne OR jilkon):ti,ab	645
#10	(rivastigmin* OR exelon* OR nimvastid OR prometax):ti,ab	728
#11	#4 or #5 or #6 or #7 or #8 or #9 or #10	4358
#12	MeSH descriptor: [Memantine] this term only	484
#13	(memantin* OR axura OR namenda OR ebix* OR maruxa* OR nemdatine* OR akatinol):ti,ab	1349
#14	#12 OR #13	1367
#15	#3 and #11 and #14 with Cochrane Library publication date from Jan 2015 to present, in Cochrane Reviews	3
#16	#3 and #11 and #14 with Publication Year from 2015 to present, in Trials	197
#17	#3 and #11 and #14 with Cochrane Library publication date from Jan 2022 to present, in Cochrane Reviews	0
#18	#3 and #11 and #14 with Publication Year from 2022 to present, in Trials	22

Database: Ovid MEDLINE(R) ALL <1946 to November 28, 2023>

Search Strategy:

- 1 Alzheimer Disease/ (121647)
- 2 (alzheimer* or alzeimer* or (cortical adj4 sclerosis)).tw. (188545)
- 3 or/1-2 (202276)
- 4 exp cholinesterase inhibitors/ (55129)
- 5 ((Cholinesterase* or acetylcholinesterase* or anticholinesterase*) adj2 (inhibitor* or block* or agent* or drug*)).tw. (13169)
- 6 (ChEI* or AChEI*):tw. (6099)
- 7 (donepezil or aricept* or asenta or eranz or memac or memorit):tw. (4565)
- 8 Galantamine/ (1708)
- 9 (galantamin* or reminy* or lycoremin* or galanthamine or nivalin* or razadyne or jilkon).tw. (2603)
- 10 (rivastigmin* or exelon* or nimvastid or prometax).tw. (2029)
- 11 or/4-10 (65765)
- 12 memantine/ (2659)
- 13 (memantin* or axura or namenda or ebix* or maruxa* or nemdatine* or akatinol).tw. (4107)

- 14 or/12-13 (4455)
- 15 3 and 11 and 14 (1152)
- 16 "meta analysis (topic)"/ or meta analysis/ (191034)
- 17 "systematic review"/ or "systematic review (topic)"/ (246397)
- 18 (metaanaly\$ or metanaly\$ or (meta adj3 analy\$)).tw. (290267)
- 19 (review\$ or overview\$).ti. (786224)
- 20 (systematic\$ adj5 (review\$ or overview\$)).tw. (338174)
- 21 ((quantitative\$ or qualitative\$) adj5 (review\$ or overview\$)).tw. (17851)
- 22 ((studies or trial\$) adj2 (review\$ or overview\$)).tw. (67077)
- 23 (integrat\$ adj3 (research or review\$ or literature)).tw. (19099)
- 24 (pool\$ adj2 (analy\$ or data)).tw. (45609)
- 25 (handsearch\$ or (hand adj3 search\$)).tw. (11724)
- 26 (manual\$ adj3 search\$).tw. (8903)
- 27 or/16-26 (1074309)
- 28 15 and 27 (193)
- 29 Randomized Controlled Trial.pt. (604413)
- 30 Controlled Clinical Trial.pt. (95480)
- 31 Clinical Trial.pt. (539136)
- 32 exp Clinical Trials as Topic/ (386507)
- 33 Placebos/ (35934)
- 34 Random Allocation/ (107043)
- 35 Double-Blind Method/ (176812)
- 36 Single-Blind Method/ (33099)
- 37 Cross-Over Studies/ (55835)
- 38 ((random\$ or control\$ or clinical\$) adj3 (trial\$ or stud\$)).tw. (1605997)
- 39 (random\$ adj3 allocat\$).tw. (46577)
- 40 placebo\$.tw. (251554)
- 41 ((singl\$ or doubl\$ or trebl\$ or tripl\$) adj (blind\$ or mask\$)).tw. (201249)
- 42 (crossover\$ or (cross adj over\$)).tw. (101923)
- 43 or/29-42 (2454667)
- 44 15 and 43 (497)
- 45 Observational Studies as Topic/ (9219)
- 46 Observational Study/ (149539)
- 47 Epidemiologic Studies/ (9444)
- 48 exp Case-Control Studies/ (1463468)
- 49 exp Cohort Studies/ (2547482)
- 50 Cross-Sectional Studies/ (485882)
- 51 Controlled Before-After Studies/ (742)
- 52 Historically Controlled Study/ (231)
- 53 Interrupted Time Series Analysis/ (1950)
- 54 Comparative Study.pt. (1913407)
- 55 case control\$.tw. (162242)
- 56 case series.tw. (106999)
- 57 (cohort adj (study or studies)).tw. (332672)
- 58 cohort analy\$.tw. (12402)
- 59 (follow up adj (study or studies)).tw. (57213)
- 60 (observational adj (study or studies)).tw. (169333)
- 61 longitudinal.tw. (333271)
- 62 prospective.tw. (734217)
- 63 retrospective.tw. (775903)
- 64 cross sectional.tw. (536493)
- 65 45 or 46 or 47 or 48 or 49 or 50 or 51 or 52 or 53 or 54 or 55 or 56 or 57 or 58 or 59 or 60 or 61 or 62 or 63 or 64 (5612507)
- 66 15 and 65 (271)
- 67 28 or 44 or 66 (688)
- 68 animals/ not humans/ (5142277)
- 69 67 not 68 (667)
- 70 limit 69 to yr="2015 -Current" (285)

71 limit 70 to yr="2022 -Current" (53)

Database: Embase <1974 to 2023 November 28>

Search Strategy:

- 1 Alzheimer disease/ (251912)
- 2 (alzheimer* or alzeimer* or (cortical adj4 sclerosis)).tw. (253393)
- 3 or/1-2 (303430)
- 4 exp cholinesterase inhibitor/ (95340)
- 5 ((Cholinesterase* or acetylcholinesterase* or anticholinesterase*) adj2 (inhibitor* or block* or agent* or drug*)).tw. (17016)
- 6 (ChEI* or AChEI*).tw. (7984)
- 7 (donepezil or aricept* or asenta or eranz or memac or memorit).tw. (7941)
- 8 galantamine/ (8922)
- 9 (galantamin* or reminyl* or lycoremin* or galanthamine or nivalin* or razadyne or jilkon).tw. (4245)
- 10 (rivastigmin* or exelon* or nimvastid or prometax).tw. (3993)
- 11 or/4-10 (104483)
- 12 memantine/ (13089)
- 13 (memantin* or axura or namenda or ebix* or maruxa* or nemdatine* or akatinol).tw. (6833)
- 14 or/12-13 (13565)
- 15 3 and 11 and 14 (4773)
- 16 "meta analysis (topic)"/ or meta analysis/ (348342)
- 17 "systematic review"/ or "systematic review (topic)"/ (470774)
- 18 (metaanaly\$ or metanaly\$ or (meta adj3 analy\$)).tw. (367922)
- 19 (review\$ or overview\$).ti. (898852)
- 20 (systematic\$ adj5 (review\$ or overview\$)).tw. (409433)
- 21 ((quantitative\$ or qualitative\$) adj5 (review\$ or overview\$)).tw. (21414)
- 22 ((studies or trial\$) adj2 (review\$ or overview\$)).tw. (80464)
- 23 (integrat\$ adj3 (research or review\$ or literature)).tw. (21787)
- 24 (pool\$ adj2 (analy\$ or data)).tw. (67256)
- 25 (handsearch\$ or (hand adj3 search\$)).tw. (14260)
- 26 (manual\$ adj3 search\$).tw. (10665)
- 27 or/16-26 (1403049)
- 28 15 and 27 (653)
- 29 Clinical-Trial/ or Randomized-Controlled-Trial/ or Randomization/ or Single-Blind-Procedure/ or Double-Blind-Procedure/ or Crossover-Procedure/ or Prospective-Study/ or Placebo/ (2578874)
- 30 (((clinical or control or controlled) adj (study or trial)) or ((single or double or triple) adj (blind\$3 or mask\$3)) or (random\$ adj (assign\$ or allocat\$ or group or grouped or patients or study or trial or distribut\$)) or (crossover adj (design or study or trial)) or placebo or placebos).ti,ab. (1395046)
- 31 29 or 30 (3124923)
- 32 15 and 31 (1778)
- 33 Observational Study/ (346529)
- 34 epidemiology/ (248376)
- 35 exp case control study/ (228310)
- 36 exp cohort analysis/ (1080616)
- 37 cross-sectional study/ (596037)
- 38 Controlled Before-After.mp. (537)
- 39 Historically Controlled Study.mp. (97)
- 40 Interrupted Time Series Analysis.mp. (3349)
- 41 comparative study/ (1035561)
- 42 case control\$.tw. (214201)
- 43 case series.tw. (150672)
- 44 (cohort adj (study or studies)).tw. (478836)
- 45 cohort analy\$.tw. (19984)
- 46 (follow up adj (study or studies)).tw. (74632)
- 47 (observational adj (study or studies)).tw. (262128)
- 48 longitudinal.tw. (450184)
- 49 prospective.tw. (1120908)
- 50 retrospective.tw. (1285705)

51 cross sectional.tw. (697996)
52 or/33-51 (5493615)
53 15 and 52 (846)
54 28 or 32 or 53 (2560)
55 animal/ not human/ (1204159)
56 54 not 55 (2560)
57 limit 56 to yr="2015 -Current" (1006)
58 limit 57 to yr="2022 -Current" (236)

Review question 17b

When should treatment with donepezil, galantamine, rivastigmine, memantine be withdrawn for people with Alzheimer's disease?

Study design: RCT

Number of records per database from 2017 to 28th november 2023

Database	Records
Cochrane Database od Systematic Reviews	3
CENTRAL	197
MEDLINE	183
Embase	280
Total (Database)	663
Total (Database) after removing duplicates	

COCHRANE Library issue 11,2023

- #1 MeSH descriptor: [Alzheimer Disease] this term only 5391
- #2 (alzheimer* or alzeimer*).tw. 10639
- #3 (dementia near/2 (senile or presenile)):ti,ab 288
- #4 (cortical near/4 sclerosis):ti,ab 12
- #5 #1 or #2 or #3 or #4 16240
- #6 MeSH descriptor: [Cholinesterase Inhibitors] explode all trees 1128
- #7 ((cholinesterase* or acetylcholinesterase*) near/2 (inhibitor* or block*)):ti,ab 1429
- #8 (chei* or achei*):ti,ab 583
- #9 (donepezil OR aricept* OR asenta OR eranz OR memac OR memorit):ti,ab 1794
- #10 MeSH descriptor: [Galantamine] this term only 264
- #11 (galantamin* OR reminy* OR lycoremin* OR galanthamine OR nivalin* OR razadyne OR jilkon):ti,ab 645
- #12 (rivastigmin* OR exelon* OR nimvastid OR prometax):ti,ab 728
- #13 MeSH descriptor: [Memantine] this term only 484
- #14 (memantin* OR axura OR namenda OR ebix* OR maruxa* OR nemdatine* OR akatinol):ti,ab 1349
- #15 #6 or #7 or #8 or #9 or #10 or #11 or #12 or #13 or #14 5259
- #16 MeSH descriptor: [Withholding Treatment] this term only 493
- #17 (withhold* or with-hold* or with hold* or withdraw* or with-draw* or with or draw* or stop* or cancel* or remov* or takeaway or take-away or take away or taking away):ti,ab 1619426
- #18 (end or ending or abolit* or eliminat* or terminat* or discontin* or dis-contin* or cease* or cessation or conclude* or finish*):ti,ab 333580
- #19 MeSH descriptor: [Severity of Illness Index] this term only 22769
- #20 MeSH descriptor: [Time Factors] this term only 73038
- #21 #16 or #17 or #18 or #19 or #20 1654828
- #22 #5 and #15 and #21 with Cochrane Library publication date from Jan 2015 to present, in Cochrane Reviews 17
- #23 #5 and #15 and #21 with Publication Year from 2015 to present, in Trials 263
- #24 #5 and #15 and #21 with Publication Year from 2022 to present, in Trials 40
- #25 #5 and #15 and #21 with Cochrane Library publication date from Jan 2022 to present, in Cochrane Reviews 3

Database: Ovid MEDLINE(R) ALL <1946 to November 28, 2023>

Search Strategy:

- 1 Alzheimer Disease/ (121647)
- 2 (alzheimer* or alzeimer*).tw. (187856)
- 3 (dementia adj2 (senile or presenile)).tw. (3597)
- 4 (cortical adj4 sclerosis).tw. (705)
- 5 or/1-4 (203561)
- 6 exp cholinesterase inhibitors/ (55129)
- 7 ((Cholinesterase* or acetylcholinesterase*) adj2 (inhibitor* or block*)).tw. (12173)
- 8 (ChEI* or AChEI*).tw. (6099)
- 9 (donepezil or aricept* or asenta or eranz or memac or memorit).tw. (4565)
- 10 Galantamine/ (1708)
- 11 (galantamin* or remynil* or lycoremin* or galanthamine or nivalin* or razadyne or jilkon).tw. (2603)
- 12 (rivastigmin* or exelon* or nimvastid or prometax).tw. (2029)
- 13 memantine/ (2659)
- 14 (memantin* or axura or namenda or ebix* or maruxa* or nemdatine* or akatinol).tw. (4107)
- 15 or/6-14 (68410)
- 16 Withholding Treatment/ (12721)
- 17 (withhold* or with-hold* or with hold* or withdraw* or with-draw* or with draw* or stop* or cancel* or remov* or takeaway or take-away or take away or taking away or end or ending or abolit* or eliminat* or terminat* or discontin* or dis-contin* or cease* or cessation or conclude* or finish*).tw. (3341368)
- 18 "Severity of Illness Index"/ (271534)
- 19 Time factors/ (1230926)
- 20 or/16-19 (4613642)
- 21 5 and 15 and 20 (1900)
- 22 Randomized Controlled Trial.pt. (604413)
- 23 Controlled Clinical Trial.pt. (95480)
- 24 Clinical Trial.pt. (539136)
- 25 exp Clinical Trials as Topic/ (386507)
- 26 Placebos/ (35934)
- 27 Random Allocation/ (107043)
- 28 Double-Blind Method/ (176812)
- 29 Single-Blind Method/ (33099)
- 30 Cross-Over Studies/ (55835)
- 31 ((random\$ or control\$ or clinical\$) adj3 (trial\$ or stud\$)).tw. (1605997)
- 32 (random\$ adj3 allocat\$).tw. (46577)
- 33 placebo\$.tw. (251554)
- 34 ((singl\$ or doubl\$ or trebl\$ or tripl\$) adj (blind\$ or mask\$)).tw. (201249)
- 35 (crossover\$ or (cross adj over\$)).tw. (101923)
- 36 or/22-35 (2454667)
- 37 animals/ not humans/ (5142277)
- 38 36 not 37 (2312420)
- 39 21 and 38 (849)
- 40 limit 39 to yr="2015 -Current" (183)
- 41 limit 40 to yr="2022 -Current" (22)

Database: Embase <1974 to 2023 November 28>

Search Strategy:

- 1 Alzheimer Disease/ (251912)
- 2 (alzheimer* or alzeimer*).tw. (252216)
- 3 (dementia adj2 (senile or presenile)).tw. (4360)
- 4 (cortical adj4 sclerosis).tw. (1203)
- 5 or/1-4 (305159)
- 6 exp cholinesterase inhibitors/ (95340)
- 7 ((Cholinesterase* or acetylcholinesterase*) adj2 (inhibitor* or block*)).tw. (15877)

- 8 (ChEI* or AChEI*).tw. (7984)
- 9 (donepezil or aricept* or asenta or eranz or memac or memorit).tw. (7941)
- 10 Galantamine/ (8922)
- 11 (galantamin* or reminy|* or lycoremin* or galanthamine or nivalin* or razadyne or jilkon).tw. (4245)
- 12 (rivastigmin* or exelon* or nimvastid or prometax).tw. (3993)
- 13 memantine/ (13089)
- 14 (memantin* or axura or namenda or ebix* or maruxa* or nemdatine* or akatinol).tw. (6833)
- 15 or/6-14 (111424)
- 16 treatment withdrawal/ (24934)
- 17 (withhold* or with-hold* or with hold* or withdraw* or with-draw* or with draw* or stop* or cancel* or remov* or takeaway or take-away or take away or taking away or end or ending or abolit* or eliminat* or terminat* or discontin* or dis-contin* or cease* or cessation or conclude* or finish*).tw. (4355933)
- 18 "Severity of Illness Index"/ (20618)
- 19 Time factor/ (47065)
- 20 or/16-19 (4426795)
- 21 5 and 15 and 20 (2703)
- 22 Clinical-Trial/ or Randomized-Controlled-Trial/ or Randomization/ or Single-Blind-Procedure/ or Double-Blind-Procedure/ or Crossover-Procedure/ or Prospective-Study/ or Placebo/ (2578874)
- 23 (((clinical or control or controlled) adj (study or trial)) or ((single or double or triple) adj (blind\$3 or mask\$3)) or (random\$ adj (assign\$ or allocat\$ or group or grouped or patients or study or trial or distribut\$)) or (crossover adj (design or study or trial)) or placebo or placebos).ti,ab. (1395046)
- 24 22 or 23 (3124923)
- 25 21 and 24 (1000)
- 26 animal/ not human/ (1204159)
- 27 25 not 26 (999)
- 28 limit 27 to yr="2015 -Current" (280)
- 29 limit 28 to yr="2022 -Current" (50)

Review question 18a

What is the comparative effectiveness of donepezil, galantamine, memantine and rivastigmine for cognitive enhancement in dementia associated with Parkinson's disease?

Review question 18b

What is the comparative effectiveness of donepezil, galantamine, memantine and rivastigmine for cognitive enhancement in dementia with Lewy bodies?

Number of records per database from 2015 to 28th november 2023

Database	Records
Cochrane Database of Systematic Reviews	6
CENTRAL	156
MEDLINE	155
Embase	492
Total (Database)	809
Total (Database) after removing duplicates	

Filters: RCT, systematic review

Cochrane Library issue 11, 2023

#1	MeSH descriptor: [Parkinson Disease] this term only	6251
#2	parkinson*:ti,ab	12700
#3	MeSH descriptor: [Lewy Body Disease] this term only	133
#4	(lewy NEAR/2 bod* NEAR/2 (disease* OR dement* OR diffuse*)):ti,ab	437
#5	(PDD OR DLB OR DLBD OR LBD):ti,ab	685
#6	#1 OR #2 OR #3 OR #4 OR #5	13640
#7	MeSH descriptor: [Cholinesterase Inhibitors] explode all trees	1128
#8	((Cholinesterase* or acetylcholinesterase*) NEAR/2 (inhibitor* or block*)):ti,ab	1429
#9	(ChEI* or AChEI*):ti,ab	583
#10	(donepezil* OR aricept* OR asenta* OR eranz* OR memac* OR memorit*):ti,ab	1800
#11	MeSH descriptor: [Galantamine] this term only	264
#12	(galantamin* OR reminy* OR acumor* OR galsya* OR gatalin* OR lotprosin* OR lycoremin* OR galanthamin* OR nivalin* OR razadyne* OR jilkon*):ti,ab	645
#13	(rivastigmin* OR kerstipon* OR exelon* OR nimvastid* OR prometax*):ti,ab	728
#14	MeSH descriptor: [Memantine] this term only	484
#15	(memantin* OR axura* OR namenda* OR ebix* OR maruxa* OR nemdatin* OR akatinol*):ti,ab	1349
#16	#7 or #8 or #9 or #10 or #11 or #12 or #13 or #14 or #15	5265
#17	#6 AND #16 with Cochrane Library publication date from Jan 2015 to present, in Cochrane Reviews	6
#18	#6 AND #16 with Publication Year from 2015 to present, in Trials	156
#19	#6 AND #16 with Cochrane Library publication date from Jan 2022 to present, in Cochrane Reviews	1
#20	#6 AND #16 with Publication Year from 2022 to present, in Trials	13

Database: Ovid MEDLINE(R) ALL <1946 to November 28, 2023>

Strategia di Ricerca:

- 1 Parkinson Disease/ (83651)
- 2 parkinson*.tw. (146386)
- 3 Lewy Body Disease/ (4400)
- 4 (Lewy adj2 bod* adj2 (disease* or dement* or diffuse*)):tw. (7885)
- 5 (PDD or DLB or DLBD or LBD).tw. (10485)

6 or/1-5 (163883)
 7 (Donepezil* or Aricept* or Asenta* or Eranz* or Memac* or Memorit*).tw. (4620)
 8 Memantine/ (2659)
 9 (Memantin* or Maruxa* or Nemdatin* or Ebix* or Namenda* or Axura* or Akatinol*).tw. (4107)
 10 Galantamine/ (1708)
 11 (Galantamin* or Reminyl* or Acumor* or Galsya* or Gatalin* or Lotprosin* or Lycoremin* or Nivalin* or Razadyne* or Jilkon* or Galanthamin*).tw. (2608)
 12 (Rivastigmin* or Kerstipon* or Exelon* or Nimvastid* or Prometax*).tw. (2029)
 13 Cholinesterase Inhibitors/ (23115)
 14 ((Cholinesterase* or acetylcholinesterase*) adj2 (inhibitor* or block*)).tw. (12173)
 15 (ChEI* or AChEI*).tw. (6099)
 16 or/7-15 (39170)
 17 6 and 16 (1340)
 18 animals/ not human/ (5142277)
 19 17 not 18 (1199)
 20 Randomized Controlled Trial.pt. (604413)
 21 Controlled Clinical Trial.pt. (95480)
 22 Clinical Trial.pt. (539136)
 23 exp Clinical Trials as Topic/ (386507)
 24 Placebos/ (35934)
 25 Random Allocation/ (107043)
 26 Double-Blind Method/ (176812)
 27 Single-Blind Method/ (33099)
 28 Cross-Over Studies/ (55835)
 29 ((random\$ or control\$ or clinical\$) adj3 (trial\$ or stud\$)).tw. (1605997)
 30 (random\$ adj3 allocat\$).tw. (46577)
 31 placebo\$.tw. (251554)
 32 ((singl\$ or doubl\$ or trebl\$ or tripl\$) adj (blind\$ or mask\$)).tw. (201249)
 33 (crossover\$ or (cross adj over\$)).tw. (101923)
 34 or/20-33 (2454667)
 35 animals/ not humans/ (5142277)
 36 34 not 35 (2312420)
 37 Meta-Analysis.pt. (191034)
 38 Meta-Analysis as Topic/ (23557)
 39 39 Review.pt. (0)
 40 exp Review Literature as Topic/ (24049)
 41 (metaanaly\$ or metanaly\$ or (meta adj3 analy\$)).tw. (290267)
 42 review\$.ti. (737630)
 43 (systematic\$ adj5 review\$).tw. (337068)
 44 (quantitative\$ adj5 review\$).tw. (7763)
 45 ((studies or trial\$) adj2 review\$).tw. (65814)
 46 (integrat\$ adj3 (research or review\$ or literature)).tw. (19099)
 47 (pool\$ adj2 (analy\$ or data)).tw. (45609)
 48 (handsearch\$ or (hand adj3 search\$)).tw. (11724)
 49 (manual\$ adj3 search\$).tw. (8903)
 50 or/37-49 (1029291)
 51 animals/ not human/ (5142277)
 52 50 not 51 (1006078)
 53 36 or 52 (3064468)
 54 19 and 53 (471)
 55 limit 54 to yr="2015 -Current" (155)
 56 limit 55 to yr="2022 -Current" (38)

Database: Embase <1974 to 2023 November 28>

Search Strategy:

- 1 Parkinson disease/ (193686)
- 2 parkinson*.tw. (207952)
- 3 diffuse Lewy body disease/ (11835)
- 4 (Lewy adj2 bod* adj2 (disease* or dement* or diffuse*)).tw. (12337)
- 5 (PDD or DLB or DLBD or LBD).tw. (16551)
- 6 or/1-5 (261336)
- 7 (Donepezil* or Aricept* or Asenta* or Eranz* or Memac* or Memorit*).tw. (7968)
- 8 Memantine/ (13089)
- 9 (Memantin* or Maruxa* or Nemdatin* or Ebix* or Namenda* or Axura* or Akatinol*).tw. (6833)
- 10 Galantamine/ (8922)
- 11 (Galantamin* or Reminyl* or Acumor* or Galsya* or Gatalin* or Lotprosin* or Lycoremin* or Nivalin* or Razadyne* or Jilkon* or Galanthamin*).tw. (4255)
- 12 (Rivastigmin* or Kerstipon* or Exelon* or Nimvastid* or Prometax*).tw. (3993)
- 13 Cholinesterase Inhibitors/ (21246)
- 14 ((Cholinesterase* or acetylcholinesterase*) adj2 (inhibitor* or block*)).tw. (15877)
- 15 (ChEI* or AChEI*).tw. (7984)
- 16 or/7-15 (52617)
- 17 6 and 16 (4378)
- 18 "meta analysis (topic)"/ or meta analysis/ (348342)
- 19 "systematic review"/ or "systematic review (topic)"/ (470774)
- 20 (metaanaly\$ or metanaly\$ or (meta adj3 analy\$)).tw. (367922)
- 21 (review\$ or overview\$).ti. (898852)
- 22 (systematic\$ adj5 (review\$ or overview\$)).tw. (409433)
- 23 ((quantitative\$ or qualitative\$) adj5 (review\$ or overview\$)).tw. (21414)
- 24 ((studies or trial\$) adj2 (review\$ or overview\$)).tw. (80464)
- 25 (integrat\$ adj3 (research or review\$ or literature)).tw. (21787)
- 26 (pool\$ adj2 (analy\$ or data)).tw. (67256)
- 27 (handsearch\$ or (hand adj3 search\$)).tw. (14260)
- 28 (manual\$ adj3 search\$).tw. (10665)
- 29 or/18-28 (1403049)
- 30 17 and 29 (505)
- 31 Clinical-Trial/ or Randomized-Controlled-Trial/ or Randomization/ or Single-Blind-Procedure/ or Double-Blind-Procedure/ or Crossover-Procedure/ or Prospective-Study/ or Placebo/ (2578874)
- 32 (((clinical or control or controlled) adj (study or trial)) or ((single or double or triple) adj (blind\$3 or mask\$3)) or (random\$ adj (assign\$ or allocat\$ or group or grouped or patients or study or trial or distribut\$)) or (crossover adj (design or study or trial)) or placebo or placebos).ti,ab. (1395046)
- 33 31 or 32 (3124923)
- 34 17 and 33 (1285)
- 35 30 or 34 (1561)
- 36 animal/ not human/ (1204159)
- 37 35 not 36 (1561)
- 38 limit 37 to yr="2015 -Current" (492)
- 39 limit 38 to yr="2022 -Current" (140)

Review question 19

How effective are cholinesterase inhibitors and memantine for types of dementia other than typical Alzheimer's disease?

Number of records per database from 2015 to 29th november 2023

Database	Records
Cochrane Database of Systematic Reviews	7
CENTRAL	384
MEDLINE	186
Embase	556
Total (Database)	1133
Total (Database) after removing duplicates	

Filtri: RCT, systematic review

Cochrane Library issue 11, 2023

- #1 MeSH descriptor: [AIDS Dementia Complex] explode all trees 88
- #2 MeSH descriptor: [Aphasia, Primary Progressive] explode all trees 86
- #3 MeSH descriptor: [Primary Progressive Nonfluent Aphasia] explode all trees 3
- #4 MeSH descriptor: [Creutzfeldt-Jakob Syndrome] explode all trees 24
- #5 MeSH descriptor: [Dementia, Vascular] explode all trees 434
- #6 MeSH descriptor: [CADASIL] explode all trees 18
- #7 MeSH descriptor: [Dementia, Multi-Infarct] explode all trees 74
- #8 MeSH descriptor: [Diffuse Neurofibrillary Tangles with Calcification] explode all trees 0
- #9 MeSH descriptor: [Frontotemporal Lobar Degeneration] explode all trees 132
- #10 MeSH descriptor: [Frontotemporal Dementia] explode all trees 125
- #11 MeSH descriptor: [Huntington Disease] explode all trees 310
- #12 MeSH descriptor: [Kluver-Bucy Syndrome] explode all trees 1
- #13 MeSH descriptor: [Diffuse Cerebral Sclerosis of Schilder] explode all trees 7
- #14 #1 or #2 or #3 or #4 or #5 or #6 or #7 or #8 or #9 or #10 or #11 or #12 or #13 1002
- #15 (dementia* NEAR/4 vascular):TI,AB 1096
- #16 ((encephalopath* or cogniti* or neurocogniti*) NEAR/4 (aids or hiv)):TI,AB 474
- #17 ((aphasi* NEAR/4 (primary or progress*)) or mesulam* or ppa or (ftd NEAR/4 temporal)):TI,AB 671
- #18 (((creutzfeldt or ja?ob* OR JACOB OR JAKOB) NEAR/4 (disease or syndrome)) or cjd or (spongiform NEAR/4 encephalopath*) or (corticostriatospinal degeneration) or (pseudosclerosis NEAR/4 spastic)):TI,AB 65
- #19 (binswanger* or ((subcortic* or (sub cortic*) or arterisclerotic) NEAR/4 (encephalopath* or leukoencephalopath*)) or cadasil*):TI,AB 54
- #20 ((kosaka NEAR/2 shibayama) or (neurofibrillary NEAR/1 tangle*) or dntc):TI,AB 82
- #21 (((frontotemporal or (fronto adj temporal) or (corticobasal or (cortico NEAR basal) or (frontal NEAR lobe))) NEAR/4 (degenerati* or dysfunction)) or ftld or ftlds or ftd or ftds):TI,AB 407
- #22 ((pick* NEAR/1 (complex or disease* or syndrome)) or (wilhemsen NEAR/1 lynch) or ddpac or (lob* NEAR/j4 atroph*)):TI,AB 14980
- #23 (huntington* or ((progressive or major or juvenile or hereditary) NEAR/4 chorea)):TI,AB 763
- #24 (((kluver or kluever) NEAR/4 bu?y) or (((Temporal lobectomy) NEAR/4 behavi*) or ((temporal lobe) NEAR/4 dysfunction))):TI,AB 136
- #25 ((senile confusion) or (senile psychosis) or senilit*):TI,AB 64
- #26 MeSH descriptor: [Tauopathies] explode all trees 5527
- #27 tauopath*:TI,AB 55
- #28 cerad:TI,AB 148
- #29 (Posterior NEAR cortic* NEAR atroph*):TI,AB 17
- #30 sivd:TI,AB 16

#31	#15 or #16 or #17 or #18 or #19 or #20 or #21 or #22 or #23 or #24 or #25 or #26 or #27 or #28 or #29 or #30	
	23522	
#32	#14 or #31	23678
#33	MeSH descriptor: [Cholinesterase Inhibitors] explode all trees	1129
#34	((Cholinesterase* or acetylcholinesterase*) NEAR/2 (inhibitor* or block*)):ti,ab	1436
#35	(ChEI* or AChEI*):ti,ab	583
#36	(donepezil OR aricept* OR asenta OR eranz OR memac OR memorit):ti,ab	1799
#37	MeSH descriptor: [Galantamine] explode all trees	264
#38	(galantamin* OR reminy* OR lycoremin* OR galanthamine OR nivalin* OR razadyne OR jilkon):ti,ab	647
#39	(rivastigmin* OR exelon* OR nimvastid OR prometax):ti,ab	730
#40	MeSH descriptor: [Memantine] explode all trees	486
#41	(memantin* OR axura OR namenda OR ebix* OR maruxa* OR nemdatine* OR akatinol):ti,ab	1358
#42	#33 or #34 or #35 or #36 or #37 or #38 or #39 or #40 or #41	5282
#43	#32 AND #42 with Cochrane Library publication date from Jan 2015 to present, in Cochrane Reviews	7
#44	#32 AND #42 with Publication Year from 2015 to present, in Trials	384
#45	#32 AND #42 with Cochrane Library publication date from Jan 2022 to present, in Cochrane Reviews	0
#46	#32 AND #42 with Publication Year from 2022 to present, in Trials	59

Database: Ovid MEDLINE(R) ALL <1946 to November 29, 2023>

Search Strategy:

- 1 aids dementia complex/ or aphasia, primary progressive/ or primary progressive nonfluent aphasia/ or creutzfeldt-jakob syndrome/ or dementia, vascular/ or cadasil/ or dementia, multi-infarct/ or diffuse neurofibrillary tangles with calcification/ or frontotemporal lobar degeneration/ or frontotemporal dementia/ or huntington disease/ or kluver-bucy syndrome/ or "diffuse cerebral sclerosis of schilder"/ (41186)
- 2 (dementia* adj4 vascular).tw. (8967)
- 3 ((encephalopath* or cogniti* or neurocogniti*) adj4 (aids or hiv)).tw. (4562)
- 4 ((aphasi* adj4 (primary or progress*)) or mesulam* or ppa or (ftd adj4 temporal)).tw. (6965)
- 5 (((creutzfeldt or ja?ob*) adj4 (disease or syndrome)) or cjd or (spongiform adj4 encephalopath*) or "corticostriatal degeneration" or (pseudosclerosis adj4 spastic)).tw. (11597)
- 6 (binswanger* or ((subcortic* or "sub cortic*" or arteriosclerotic) adj4 (encephalopath* or leukoencephalopath*)) or cadasil*).tw. (2613)
- 7 ((kosaka adj2 shibayama) or (neurofibrillary adj1 tangle*) or dntc).tw. (10050)
- 8 (((frontotemporal or (fronto adj temporal) or corticobasal or (cortico adj basal) or (frontal adj lobe))) adj4 (degenerati* or dysfunction)) or ftld or ftlds or ftd or ftlds).tw. (10811)
- 9 ((pick* adj1 (complex or disease* or syndrome)) or (wilhemsen adj1 lynch) or ddpac or (lob* adj4 atroph*)).tw. (5925)
- 10 (huntington* or ((progressive or major or juvenile or hereditary) adj4 chorea)).tw. (21184)
- 11 (((kluver or kluever) adj4 bu?y) or (("temporal lobectomy" adj4 behavi*) or ("temporal lobe" adj4 dysfunction))).tw. (622)
- 12 ("senile confusion" or "senile psychosis" or senilit*).tw. (872)
- 13 Tauopathies/ (2662)
- 14 tauopath*.tw. (5260)
- 15 cerad.tw. (943)
- 16 (Posterior adj cortic* adj atroph*).tw. (553)
- 17 sivd.tw. (179)
- 18 or/1-17 (96539)
- 19 exp cholinesterase inhibitors/ (55124)
- 20 ((Cholinesterase* or acetylcholinesterase*) adj2 (inhibitor* or block*)).tw. (12168)
- 21 (ChEI* or AChEI*).tw. (6094)
- 22 (donepezil or aricept* or asenta or eranz or memac or memorit).tw. (4560)
- 23 Galantamine/ (1707)
- 24 (galantamin* or reminy* or lycoremin* or galanthamine or nivalin* or razadyne or jilkon).tw. (2599)
- 25 (rivastigmin* or exelon* or nimvastid or prometax).tw. (2026)
- 26 memantine/ (2656)

27 (memantin* or axura or namenda or ebix* or maruxa* or nemdatine* or akatinol).tw. (4103)
28 or/19-27 (68394)
29 18 and 28 (1141)
30 Meta-Analysis.pt. (190734)
31 Meta-Analysis as Topic/ (23545)
32 Review.pt. (3244516)
33 exp Review Literature as Topic/ (24001)
34 (metaanaly\$ or metanaly\$ or (meta adj3 analy\$)).tw. (289870)
35 (review\$ or overview\$).ti. (785658)
36 (systematic\$ adj5 (review\$ or overview\$)).tw. (337718)
37 ((quantitative\$ or qualitative\$) adj5 (review\$ or overview\$)).tw. (17819)
38 ((studies or trial\$) adj2 (review\$ or overview\$)).tw. (67030)
39 (integrat\$ adj3 (research or review\$ or literature)).tw. (19083)
40 (pool\$ adj2 (analy\$ or data)).tw. (45569)
41 (handsearch\$ or (hand adj3 search\$)).tw. (11713)
42 (manual\$ adj3 search\$).tw. (8897)
43 or/30-42 (3750300)
44 animals/ not humans/ (5140750)
45 43 not 44 (3570252)
46 29 and 45 (505)
47 Randomized Controlled Trial.pt. (604032)
48 Controlled Clinical Trial.pt. (95469)
49 Clinical Trial.pt. (539095)
50 exp Clinical Trials as Topic/ (386256)
51 Placebos/ (35934)
52 Random Allocation/ (107041)
53 Double-Blind Method/ (176774)
54 Single-Blind Method/ (33075)
55 Cross-Over Studies/ (55825)
56 ((random\$ or control\$ or clinical\$) adj3 (trial\$ or stud\$)).tw. (1604526)
57 (random\$ adj3 allocat\$).tw. (46539)
58 placebo\$.tw. (251408)
59 ((singl\$ or doubl\$ or trebl\$ or tripl\$) adj (blind\$ or mask\$)).tw. (201102)
60 (crossover\$ or (cross adj over\$)).tw. (101884)
61 or/47-60 (2453069)
62 animals/ not humans/ (5140750)
63 61 not 62 (2310858)
64 29 and 63 (424)
65 Observational Studies as Topic/ (9208)
66 Observational Study/ (149285)
67 Epidemiologic Studies/ (9441)
68 exp Case-Control Studies/ (1462314)
69 exp Cohort Studies/ (2545790)
70 Cross-Sectional Studies/ (485060)
71 Controlled Before-After Studies/ (741)
72 Historically Controlled Study/ (231)
73 Interrupted Time Series Analysis/ (1946)
74 Comparative Study.pt. (1913381)
75 case control\$.tw. (162113)
76 case series.tw. (106949)
77 (cohort adj (study or studies)).tw. (332154)
78 cohort analy\$.tw. (12381)
79 (follow up adj (study or studies)).tw. (57175)
80 (observational adj (study or studies)).tw. (169073)

81 longitudinal.tw. (332949)
 82 prospective.tw. (733611)
 83 retrospective.tw. (775068)
 84 cross sectional.tw. (535617)
 85 65 or 66 or 67 or 68 or 69 or 70 or 71 or 72 or 73 or 74 or 75 or 76 or 77 or 78 or 79 or 80 or 81 or 82 or 83 or 84 (5609404)
 86 animals/ not humans/ (5140750)
 87 85 not 86 (5117134)
 88 29 and 87 (153)
 89 46 or 64 or 88 (736)
 90 limit 89 to yr="2015 -Current" (186)
 91 limit 90 to yr="2022 -Current" (41)

Database: Embase <1974 to 2023 November 29>

Search Strategy:

1 HIV associated dementia/ or primary progressive aphasia/ or progressive nonfluent aphasia/ or Creutzfeldt Jakob disease/ or multiinfarct dementia/ or cadasil/ or diffuse neurofibrillary tangles with calcification/ or frontotemporal dementia/ or Huntington chorea/ or Kluver Bucy syndrome/ or Schilder disease/ (81321)
 2 (dementia* adj4 vascular).tw. (13285)
 3 ((encephalopath* or cogniti* or neurocogniti*) adj4 (aids or hiv)).tw. (6724)
 4 ((aphasi* adj4 (primary or progress*)) or mesulam* or ppa or (ftd adj4 temporal)).tw. (10103)
 5 (((creutzfeldt or ja?ob*) adj4 (disease or syndrome)) or cjd or (spongiform adj4 encephalopath*) or "corticostriatal degeneration" or (pseudosclerosis adj4 spastic)).tw. (14509)
 6 (binswanger* or ((subcortic* or "sub cortic*" or arteriosclerotic) adj4 (encephalopath* or leukoencephalopath*)) or cadasil*).tw. (3784)
 7 ((kosaka adj2 shibayama) or (neurofibrillary adj1 tangle*) or dntc).tw. (13419)
 8 (((frontotemporal or (fronto adj temporal) or (corticobasal or (cortico adj basal) or (frontal adj lobe))) adj4 (degenerati* or dysfunction)) or ftld or ftlds or ftd or ftds).tw. (18096)
 9 ((pick* adj1 (complex or disease* or syndrome)) or (wilhemsens adj1 lynch) or ddpac or (lob* adj4 atroph*)).tw. (7893)
 10 (huntington* or ((progressive or major or juvenile or hereditary) adj4 chorea)).tw. (28631)
 11 (((kluver or kluever) adj4 bu?y) or (("temporal lobectomy" adj4 behavi*) or ("temporal lobe" adj4 dysfunction))).tw. (805)
 12 ("senile confusion" or "senile psychosis" or senilit*).tw. (948)
 13 Tauopathy/ (7821)
 14 tauopath*.tw. (8155)
 15 cerad.tw. (1768)
 16 (Posterior adj cortic* adj atroph*).tw. (970)
 17 sivd.tw. (246)
 18 or/1-17 (143774)
 19 exp cholinesterase inhibitors/ (95349)
 20 ((Cholinesterase* or acetylcholinesterase*) adj2 (inhibitor* or block*)).tw. (15878)
 21 (ChEI* or AChEI*).tw. (7987)
 22 (donepezil or aricept* or asenta or eranz or memac or memorit).tw. (7942)
 23 Galantamine/ (8922)
 24 (galantamin* or reminyl* or lycoremin* or galanthamine or nivalin* or razadyne or jilkon).tw. (4245)
 25 (rivastigmin* or exelon* or nimvastid or prometax).tw. (3993)
 26 memantine/ (13090)
 27 (memantin* or axura or namenda or ebix* or maruxa* or nemdatine* or akatinol).tw. (6833)
 28 or/19-27 (111436)
 29 18 and 28 (4149)
 30 "meta analysis (topic)"/ or meta analysis/ (348536)
 31 "systematic review"/ or "systematic review (topic)"/ (471099)
 32 (metaanaly\$ or metanaly\$ or (meta adj3 analy\$)).tw. (368111)

33 (review\$ or overview\$).ti. (899209)
34 (systematic\$ adj5 (review\$ or overview\$)).tw. (409676)
35 ((quantitative\$ or qualitative\$) adj5 (review\$ or overview\$)).tw. (21424)
36 ((studies or trial\$) adj2 (review\$ or overview\$)).tw. (80498)
37 (integrat\$ adj3 (research or review\$ or literature)).tw. (21794)
38 (pool\$ adj2 (analy\$ or data)).tw. (67286)
39 (handsearch\$ or (hand adj3 search\$)).tw. (14263)
40 (manual\$ adj3 search\$).tw. (10667)
41 or/30-40 (1403585)
42 29 and 41 (521)
43 Clinical-Trial/ or Randomized-Controlled-Trial/ or Randomization/ or Single-Blind-Procedure/ or Double-Blind-Procedure/ or Crossover-Procedure/ or Prospective-Study/ or Placebo/ (2579473)
44 (((clinical or control or controlled) adj (study or trial)) or ((single or double or triple) adj (blind\$3 or mask\$3)) or (random\$ adj (assign\$ or allocat\$ or group or grouped or patients or study or trial or distribut\$)) or (crossover adj (design or study or trial)) or placebo or placebos).ti,ab. (1395485)
45 43 or 44 (3125638)
46 29 and 45 (1173)
47 Observational Study/ (346751)
48 epidemiology/ (248636)
49 exp case control study/ (228388)
50 exp cohort analysis/ (1081350)
51 cross-sectional study/ (596332)
52 Controlled Before-After.mp. (537)
53 Historically Controlled Study.mp. (97)
54 Interrupted Time Series Analysis.mp. (3353)
55 comparative study/ (1035600)
56 case control\$.tw. (214266)
57 case series.tw. (150734)
58 (cohort adj (study or studies)).tw. (479105)
59 cohort analy\$.tw. (19990)
60 (follow up adj (study or studies)).tw. (74645)
61 (observational adj (study or studies)).tw. (262232)
62 longitudinal.tw. (450324)
63 prospective.tw. (1121388)
64 retrospective.tw. (1286267)
65 cross sectional.tw. (698258)
66 or/47-65 (5495631)
67 29 and 66 (438)
68 42 or 46 or 67 (1720)
69 Animal/ not Human/ (1204159)
70 68 not 69 (1719)
71 limit 70 to yr="2015 -Current" (556)
72 limit 71 to yr="2022 -Current" (156)

Review question 20a

What are the most effective non-pharmacological interventions for supporting cognitive functioning in people living with dementia?

Review question 20b

What are the most effective non-pharmacological interventions for supporting functional ability in people living with dementia?

Review question 20c

What are the most effective non-pharmacological interventions to support wellbeing in people living with dementia?

Number of records per database

Database	Records
Cochrane Database of Systematic Reviews	75
CENTRAL	5964
MEDLINE	5653
Embase	9473
Total (Database)	21165
Total (Database) after removing duplicates	11987

Filters: RCT, systematic review, economic evaluation

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- #1 MeSH descriptor: [Dementia] explode all trees 9336
- #2 (dementi* OR pseudodementia):ti,ab 15624
- #3 (alzheimer* OR alzeimer* OR (cortical NEAR/4 sclerosis)):ti,ab 12922
- #4 ((encephalopath* OR cogniti* OR neurocogniti*) NEAR/4 (aids OR hiv)):ti,ab 468
- #5 ((aphasi* NEAR/4 (primary OR progress*)) OR mesulam* OR ppa OR (ftd NEAR/4 temporal)):ti,ab 663
- #6 (((creutzfeldt OR jakob*) NEAR/4 (disease OR syndrome)) OR cjd OR (spongiform NEAR/4 encephalopath*) OR "corticostriatal degeneration" OR (pseudosclerosis NEAR/4 spastic)):ti,ab 64
- #7 (binswanger* OR ((subcortic* OR arteriosclerotic) NEAR/4 (encephalopath* OR leukoencephalopath*)) OR cadasil*):ti,ab 45
- #8 ((sub NEXT cortic*) NEAR/4 (encephalopath* OR leukoencephalopath*)):ti,ab 0
- #9 ((kosaka NEAR/2 shibayama) OR (neurofibrillary NEXT tangle*) OR dntc):ti,ab 81
- #10 (((frontotemporal OR (fronto NEXT temporal) OR (corticobasal OR (cortico NEXT basal) OR (frontal NEXT lobe))) NEAR/4 (degenerati* OR dysfunction)) OR ftld OR ftlds OR ftd OR ftds):ti,ab 364
- #11 (pick* NEAR/1 (complex OR disease* OR syndrome)):ti,ab 50
- #12 ((wilhemsen NEAR/1 lynch) OR ddpac OR (lob* NEAR/4 atroph*)):ti,ab 72
- #13 (huntington* OR ((progressive OR major OR juvenile OR hereditary) NEAR/4 chorea)):ti,ab 757
- #14 (((kluver OR kluever) NEAR/4 bucy) OR (("temporal lobectomy" NEAR/4 behavi*) OR ("temporal lobe" NEAR/4 dysfunction))):ti,ab 14
- #15 ((lewy NEXT bod*) OR dlb OR lbd OR dlbd):ti,ab 537
- #16 ((senile NEXT confusion) OR (senile NEXT psychosis) OR senilit*):ti,ab 55
- #17 MeSH descriptor: [Tauopathies] this term only 14
- #18 tauopath*:ti,ab 54

#19 cerad:ti,ab 148

#20 Posterior NEXT cortic* NEXT atroph* 16

#21 sivd:ti,ab 16

#22 {OR #1-#21} 26100

#23 ((Non-pharma* OR ("non" NEXT pharma*)) NEAR/2 (intervent* OR therap* OR treat* OR stimulat* OR aid* OR techni* OR program* OR care)):ti,ab 3326

#24 MeSH descriptor: [Sensory Art Therapies] explode all trees 3370

#25 MeSH descriptor: [Complementary Therapies] this term only 561

#26 MeSH descriptor: [Counseling] this term only 5865

#27 MeSH descriptor: [Psychotherapy] this term only 3917

#28 MeSH descriptor: [Aromatherapy] this term only 400

#29 MeSH descriptor: [Art Therapy] explode all trees 147

#30 MeSH descriptor: [Color Therapy] this term only 16

#31 MeSH descriptor: [Dance Therapy] this term only 125

#32 MeSH descriptor: [Imagery, Psychotherapy] this term only 575

#33 MeSH descriptor: [Music Therapy] this term only 1245

#34 MeSH descriptor: [Narrative Therapy] this term only 55

#35 MeSH descriptor: [Play Therapy] explode all trees 97

#36 ((Sensor* OR multisensor* OR complement* OR alternat* OR music* OR sound* OR acoustic* OR audi* OR dance* OR dancing OR play* OR art* OR touch* OR literat* OR read* OR narrative* OR visual* OR vision* OR light* OR colour* OR color* OR environment* OR massage* OR aroma* OR dawn* OR sunshine OR sunlight OR counsel*) NEAR/1 (intervent* OR therap* OR stimulat* OR aid* OR techni* OR train* OR treat* OR counsel* OR program*)):ti,ab 60940

#37 (snoezelen* OR (senso* NEXT environment*) OR (senso* NEXT room*) OR MSE):ti,ab 314

#38 (Psychotherap* or psycho-therap* or psychoeducat* or psycho-educat*):ti,ab 14906

#39 (Aromatherap* or chromatotherap*):ti,ab 1316

#40 MeSH descriptor: [Massage] this term only 1643

#41 MeSH descriptor: [Oils, Volatile] this term only 494

#42 ((Essential or volatile or fragrant) NEAR/1 oil*):ti,ab 1648

#43 MeSH descriptor: [Cognitive Behavioral Therapy] explode all trees 13126

#44 MeSH descriptor: [Behavior Therapy] this term only 5788

#45 ((Cognitive* OR cognition* OR behaviour* OR behavior* OR individual*) NEAR/2 (intervent* OR therap* OR stimulat* OR aid* OR techni* OR train* OR skill* OR rehab* OR treat* OR counsel*)):ti,ab 66714

#46 CBT:ti,ab 10768

#47 MeSH descriptor: [Holistic Health] this term only 103

#48 ((Validat* or holistic*) NEAR/1 (therap* or method* or techni* or treat* or train* or intervent* or program* or care)):ti,ab 1998

#49 (Memory NEAR/2 (function* or rehab* or therap* or aid* or group* or train* or retraining or support* or stimulation or strateg* or management or managing)):ti,ab 4551

#50 (Reality NEAR/2 orientation):ti,ab 56

#51 Reminiscence*:ti,ab 447

#52 MeSH descriptor: [Occupational Therapy] explode all trees 1030

#53 ((Occupation* or Occ) NEAR/2 (therap* or treat* or care* or medicine*)):ti,ab 3952

#54 (OT or ergotherap*):ti,ab 1769

#55 MeSH descriptor: [Language Therapy] this term only 283

#56 MeSH descriptor: [Speech Therapy] this term only 420

#57 ((Speech or talk* or language*) NEAR/2 (intervent* or therap* or stimulat* or aid* or techni* or train* or treat* or counsel* or method* or program*)):ti,ab 4256

#58 MeSH descriptor: [Activities of Daily Living] this term only 6096

#59 ((Daily NEAR/2 (life or living) NEAR/2 activi*)):ti,ab 12001

#60 ADL:ti,ab 4531

#61 MeSH descriptor: [Exercise Therapy] explode all trees 19822

#62 ((Exercis* or kinesiotherap* or kinesiolo* or physical* or sport*) NEAR/1 (therap* or treat* or intervent* or medicin* or educat*)):ti,ab 27936

#63 ((walk* or swim* or jog* or cycling or bicycl* or treadmill* or gym*) NEAR/1 (therap* or treat* or intervent* or medicin* or educat*)):ti,ab 1223

#64 ((Aerobic OR yoga OR pilates OR "tai chi" OR tai-chi OR taichi OR "tai ji" OR tai-ji OR taiji OR "qi gong" OR qigong OR qi-gong OR "chi kung" OR "ch i-kung" OR chikung OR ch-i-kung) NEAR/1 (therap* OR treat* OR intervent* OR medicin* OR educat*)):ti,ab 2389

#65 (Wii fit or Kinect):ti,ab 754

#66 MeSH descriptor: [Animal Assisted Therapy] 3 tree(s) exploded 121

#67 ((Animal* or pet or pets or dog or dogs or cat or cats*) NEAR/2 (therap* or treat* or intervent*)):ti,ab 1633

#68 MeSH descriptor: [Patient Education as Topic] this term only 10019

#69 MeSH descriptor: [Social Support] this term only 4224

#70 MeSH descriptor: [Self-Help Groups] this term only 820

#71 MeSH descriptor: [Self Care] this term only 5438

#72 ((Selfhelp* OR self-help* OR ("self" NEXT help*) OR selfcar* OR self-car* OR ("self" NEXT car*) OR self-manag* OR ("self" NEXT manag*) OR support*) NEAR/2 (group* OR car*)):ti,ab 19805

#73 ((patient* OR parent* OR famil* OR relative* OR carer* OR caregiver* OR care-giver* OR spous* OR husband* OR wife* OR wive* OR partner* OR consumer*) NEAR/2 (advise* OR advice* OR counsel* OR educat* OR communicat* OR informat* OR learn* OR lesson* OR librar* OR material* OR need* OR promot* OR resource* OR selfhelp* OR self-help* OR ("self" NEXT help*) OR selfcar* OR self-car* OR ("self" NEXT car*) OR self-manag* OR ("self" NEXT manag*) OR support* OR teach* OR tool* OR train* OR tutorial*)):ti 9463

#74 MeSH descriptor: [Internet] explode all trees 6250

#75 MeSH descriptor: [Social Networking] explode all trees 196

#76 MeSH descriptor: [Electronic Mail] 2 tree(s) exploded 411

#77 MeSH descriptor: [Text Messaging] 2 tree(s) exploded 1514

#78 MeSH descriptor: [Hotlines] explode all trees 195

#79 Patient Education Handout 177

#80 MeSH descriptor: [Patient Education Handout] explode all trees 0

#81 MeSH descriptor: [Pamphlets] 1 tree(s) exploded 0

#82 ((app OR apps OR blog* OR email* OR e-mail* OR ("e" NEXT mail*) OR facebook OR forum* OR podcast* OR "social media" OR ("social" NEXT network*) OR sms OR ("text" NEXT messag*) OR twitter OR tweet* OR video* OR web* OR smartphone* OR ("smart" NEXT phone*) OR tablet* OR iPad* OR iPhone* OR Skype* OR FaceTime*) NEAR/2 (dementi* OR pseudodementia OR alzheimer* OR alzeimer*)):ti,ab 68

#83 MeSH descriptor: [Bibliotherapy] explode all trees 143

#84 bibliotherap*:ti,ab 298

#85 ((book* OR information*) NEAR/2 prescription*):ti 20

#86 MeSH descriptor: [Self-Help Devices] this term only 181

#87 ((Assistive* OR automat* OR medicine OR medication OR locate* OR track* OR move* OR alarm* OR safe OR safer OR safety OR communit* OR shut-off OR switch-off) NEAR/2 (technolog* OR device* OR system* OR prompt* OR remind* OR monitor* OR detect* OR sensor* OR dispenser* OR aid OR aids OR solution* OR multicomponent*)):ti,ab 16070

#88 (Clock* OR calendar* OR noticeboard* OR ("notice" NEXT board*) OR notices OR ("sticky" NEXT note*) OR post-it-note* OR ("dossette" NEXT box*) OR ("blister" NEXT pack*)):ti,ab 4682

#89 (telecare* OR ("remote" NEXT monitor*) OR ("video" NEXT confer*) OR ("phone" NEXT block*)):ti,ab 1866

#90 (panic NEAR/2 (button* OR switch* OR alarm*)):ti,ab 3

#91 ((Environment* OR home* OR (house* NEXT "of" NEXT flat*) OR apartment* OR cottage* OR bungalow*) NEAR/2 (modificat* OR alter* OR adjust* OR adapt* OR revise*)):ti,ab 956

#92 ((light* NEAR/2 tim*) OR ("water isolation" NEXT device*) OR ("special" NEXT plugs*) OR ("fall" NEXT sensor*)):ti,ab 394

#93 MeSH descriptor: [Communication] this term only 3155

#94 (Communicat* NEAR/2 (train* OR aid* OR aids OR technolog* OR device* OR system* OR prompt* OR remind*)):ti,ab 2227

#95 ((Adapt* NEAR/2 phone*) OR ("cue" NEXT card*) OR (talk* NEXT mat*)):ti,ab 34

#96 MeSH descriptor: [Phototherapy] explode all trees 4462

#97 (photo OR photos OR photograph OR photographs OR picture* OR puzzle* OR game* OR (sensor* NEXT stimulat*) OR (mental* NEXT stimulat*) OR ("brain" NEXT train*)):ti,ab 22030

#98 ((Multicomponent* OR multi-component* OR multifacet* OR multi-facet*) NEAR/2 (intervention* OR education* OR support* OR car* OR information*)):ti,ab 3120

#99 MeSH descriptor: [Case Management] explode all trees 905

#100 ((case NEXT manage*) OR (care NEXT manage)):ti,ab 2968

#101 MeSH descriptor: [Life Change Events] explode all trees 500

#102 (("life" NEXT review*) OR ("life" NEXT event*) OR ("life" NEXT stor* NEXT book*)):ti,ab 1254

#103 MeSH descriptor: [Vitamins] explode all trees 5776

#104 ((Vitamin* NEXT supplement*) OR (herbal* NEXT remed*)):ti,ab 1473

#105 (Diet* NEAR/2 manage*):ti,ab 839

#106 Souvenaid*:ti,ab 69

#107 {OR #23-#106} 294232

#108 #22 AND #107 with Publication Year from 2016 to present, in Trials 5964

#109 #22 AND #107 with Cochrane Library publication date from Jan 2016 to present, in Cochrane Reviews 75

Database: Ovid MEDLINE(R) ALL <1946 to November 22, 2023>

Search Strategy:

1 exp Dementia/ (209142)

2 (dementi* or pseudodementia).tw. (141938)

3 (alzheimer* or alzeimer* or (cortical adj4 sclerosis)).tw. (188184)

4 ((encephalopath* or cogniti* or neurocogniti*) adj4 (aids or hiv)).tw. (4556)

5 ((aphasi* adj4 (primary or progress*)) or mesulam* or ppa or (ftd adj4 temporal)).tw. (6957)

6 (((creutzfeldt or ja?ob*) adj4 (disease or syndrome)) or cjd or (spongiform adj4 encephalopath*) or "corticostriatal degeneration" or (pseudosclerosis adj4 spastic)).tw. (11603)

7 (binswanger* or ((subcortic* or "sub cortic*" or arterisclerotic) adj4 (encephalopath* or leukoencephalopath*)) or cadasil*).tw. (2614)

8 ((kosaka adj2 shibayama) or (neurofibrillary adj1 tangle*) or dntc).tw. (10051)

9 (((frontotemporal or (fronto adj temporal) or (corticobasal or (cortico adj basal) or (frontal adj lobe))) adj4 (degenerati* or dysfunction)) or ftld or ftlds or ftd or ftlds).tw. (10805)

10 ((pick* adj1 (complex or disease* or syndrome)) or (wilhemsens adj1 lynch) or ddpac or (lob* adj4 atroph*)).tw. (5929)

11 (huntington* or ((progressive or major or juvenile or hereditary) adj4 chorea)).tw. (21171)

12 (((kluver or kluever) adj4 bu?y) or (("temporal lobectomy" adj4 behavi*) or ("temporal lobe" adj4 dysfunction))).tw. (622)

13 ("lewy bod*" or dlb or lbd or dlbd).tw. (14640)

14 ("senile confusion" or "senile psychosis" or senilit*).tw. (872)

15 Tauopathies/ (2665)

16 tauopath*.tw. (5258)

17 cerad.tw. (940)

18 (Posterior adj cortic* adj atroph*).tw. (553)

19 sivd.tw. (180)

20 or/1-19 (354798)

21 ((Non-pharma* or non pharma*) adj2 (intervent* or therap* or treat* or stimulat* or aid* or techni* or program* or care)).tw. (10808)

22 exp Sensory Art Therapies/ (55616)

23 Complementary Therapies/ (18317)

24 Counseling/ (40087)

25 psychotherapy/ or aromatherapy/ or art therapy/ or color therapy/ or dance therapy/ or "imagery (psychotherapy)"/ or music therapy/ or narrative therapy/ or play therapy/ (69011)

26 ((Sensor* or multisensor* or complement* or alternat* or music* or sound* or acoustic* or audi* or dance* or dancing or play* or art* or touch* or literat* or read* or narrative* or visual* or vision* or light* or colour* or color* or environment* or massage* or aroma* or dawn* or sunshine or sunlight or counsel*) adj1 (intervent* or therap* or stimulat* or aid* or techni* or train* or treat* or counsel* or program*)).tw. (333631)

27 (snoezelen* or "senso* environment*" or "senso* room*" or MSE).tw. (5012)

28 (Psychotherap* or psycho-therap* or psychoeducat* or psycho-educat*).tw. (57417)

29 (Aromatherap* or chromatotherap*).tw. (1659)
 30 Massage/ or Oils, Volatile/ (23723)
 31 ((Essential or volatile or fragrant) adj1 oil*).tw. (25419)
 32 exp Cognitive Therapy/ or behavior therapy/ (66678)
 33 ((Cognitive* or cognition* or behaviour* or behavior* or individual*) adj2 (intervent* or therap* or stimulat* or aid* or techni* or train* or skill* or rehab* or treat* or counsel*).tw. (178963)
 34 CBT.tw. (14656)
 35 Holistic Health/ (8021)
 36 ((Validat* or holistic*) adj1 (therap* or method* or techni* or treat* or train* or intervent* or program* or care)).tw. (25971)
 37 (Memory adj2 (function* or rehab* or therap* or aid* or group* or train* or retraining or support* or stimulation or strateg* or management or managing)).tw. (24572)
 38 (Reality adj2 orientation).tw. (253)
 39 Reminiscence*.tw. (2539)
 40 Occupational Therapy/ (15056)
 41 ((Occupation* or Occ) adj2 (therap* or treat* or care* or medicine*).tw. (23428)
 42 (OT or ergotherap*).tw. (21182)
 43 language therapy/ or speech therapy {Including Related Terms} (9234)
 44 ((Speech or talk* or language*) adj2 (intervent* or therap* or stimulat* or aid* or techni* or train* or treat* or counsel* or method* or program*).tw. (19675)
 45 "Activities of Daily Living"/ (73720)
 46 (Daily adj2 (life or living) adj2 activi*).tw. (42609)
 47 ADL.tw. (13376)
 48 exp *Exercise Therapy/ (44030)
 49 ((Exercis* or kinesiotherap* or kinesiol* or physical* or sport*) adj1 (therap* or treat* or intervent* or medicin* or educat*).tw. (68738)
 50 ((walk* or swim* or jog* or cycling or bicycl* or treadmill* or gym*) adj1 (therap* or treat* or intervent* or medicin* or educat*).tw. (1551)
 51 ((Aerobic or yoga or pilates or tai chi or tai-chi or taichi or tai ji or tai-ji or taiji or qi gong or qigong or qi-gong or chi kung or ch i-kung or chikung or ch-i-kung) adj1 (therap* or treat* or intervent* or medicin* or educat*).tw. (2632)
 52 (Wii fit or Kinect).tw. (1741)
 53 Animal Assisted Therapy/ (558)
 54 ((Animal* or pet or pets or dog or dogs or cat or cats*) adj2 (therap* or treat* or intervent*).tw. (84731)
 55 *Patient Education as Topic/ (40913)
 56 *Social Support/ (29195)
 57 Self-Help Groups/ (9622)
 58 Self Care/ (36242)
 59 ((Selfhelp\$ or self-help\$ or self help\$ or selfcar\$ or self-car\$ or self car\$ or self-manag\$ or self manag\$ or support\$) adj2 (group\$ or car\$)).tw. (99774)
 60 ((patient\$ or parent\$ or famil\$ or relative\$ or carer\$ or caregiver\$ or care-giver\$ or spous\$ or husband\$ or wife\$ or wive\$ or partner\$ or consumer\$) adj2 (advis\$ or advice\$ or counsel\$ or educat\$ or communicat\$ or informat\$ or learn\$ or lesson\$ or librar\$ or material\$ or need\$ or promot\$ or resource\$ or selfhelp\$ or self-help\$ or self help\$ or selfcar\$ or self-car\$ or self car\$ or self-manag\$ or self manag\$ or support\$ or teach\$ or tool\$ or train\$ or tutorial\$)).ti. (50012)
 61 exp Internet/ (98841)
 62 Social Networking/ (5516)
 63 Electronic mail/ (2990)
 64 Text messaging/ (4594)
 65 Hotlines/ (2954)
 66 Patient Education Handout/ (5704)
 67 Pamphlets/ (4138)
 68 ((app or apps or blog* or email* or e-mail* or e mail* or facebook or forum* or podcast* or social media or social network* or sms or text messag* or twitter or tweet* or video* or web* or smartphone* or smart phone* or tablet* or iPad* or iPhone* or Skype* or FaceTime*) adj2 (dementi* or pseudodementia or alzheimer* or alzeimer*).tw.

(523)

69 Bibliotherapy/ (438)

70 bibliotherap\$.tw. (471)

71 ((book\$ or information\$) adj2 prescription\$).ti. (155)

72 Self-Help Devices/ (5771)

73 ((Assistive* or automat* or medicine or medication or locate* or track* or move* or alarm* or safe or safer or safety or communit* or shut-off or switch-off) adj2 (technolog* or device* or system* or prompt* or remind* or monitor* or detect* or sensor* or dispenser* or aid or aids or solution* or multicomponent*)).tw. (123452)

74 (Clock* or calendar* or noticeboard* or notice board* or notices or sticky note* or post-it-note* or dossette box* or blister pack*).tw. (61090)

75 (telecare* or remote monitor* or video confer* or phone block*).tw. (6423)

76 (panic adj2 (button* or switch* or alarm*)).tw. (55)

77 ((Environment* or home* or house* of flat* or apartment* or cottage* or bungalow*) adj2 (modificat* or alter* or adjust* or adapt* or revise*)).tw. (25516)

78 ((light* adj2 tim*) or water isolation device* or special plugs* or fall sensor*).tw. (4139)

79 *Communication/ (42579)

80 (Communicat* adj2 (train* or aid* or aids or technolog* or device* or system* or prompt* or remind*)).tw. (26627)

81 ((Adapt* adj2 phone*) or cue card* or talk* mat*).tw. (191)

82 exp Phototherapy/ (54326)

83 (photo or photos or photograph or photographs or picture* or puzzle* or game* or "sensor* stimulat*" or "mental* stimulat*" or "brain train*).tw. (321413)

84 ((Multicomponent* or multi-component* or multifacet* or multi-facet*) adj2 (intervention* or education* or support* or car* or information*)).tw. (6586)

85 Case Management/ (10680)

86 ("case manage*" or "care manage").tw. (15410)

87 *Life Change Events/ (11014)

88 ("life review*" or "life event*" or "life stor* book*).tw. (17785)

89 exp Vitamins/ (355602)

90 (Vitamin* supplement* or herbal* remed*).tw. (6900)

91 (Diet* adj2 manage*).tw. (3928)

92 Souvenaid*.tw. (42)

93 or/21-92 (2394761)

94 20 and 93 (46228)

95 Meta-Analysis as Topic/ (23550)

96 meta analy\$.tw. (285790)

97 metaanaly\$.tw. (2642)

98 Meta-Analysis/ (190519)

99 (systematic adj (review\$1 or overview\$1)).tw. (308626)

100 exp Review Literature as Topic/ (23990)

101 or/95-100 (477524)

102 cochrane.ab. (141294)

103 embase.ab. (162789)

104 (psychlit or psyclit).ab. (917)

105 (psychinfo or psycinfo).ab. (61559)

106 (cinahl or cinhal).ab. (48592)

107 science citation index.ab. (3860)

108 bids.ab. (703)

109 cancerlit.ab. (638)

110 or/102-109 (258811)

111 reference list\$.ab. (22698)

112 bibliograph\$.ab. (23152)

113 hand-search\$.ab. (8754)

114 relevant journals.ab. (1373)

115 manual search\$.ab. (6296)
116 or/111-115 (55960)
117 selection criteria.ab. (36891)
118 data extraction.ab. (34178)
119 117 or 118 (68335)
120 Review/ (3241288)
121 119 and 120 (36126)
122 101 or 110 or 116 or 121 (570084)
123 Comment/ or Letter/ or Editorial/ (2207822)
124 122 not 123 (550407)
125 94 and 124 (3008)
126 Animals/ not Humans/ (5139672)
127 125 not 126 (2990)
128 Randomized Controlled Trials as Topic/ (165492)
129 randomized controlled trial/ (603937)
130 Random Allocation/ (107042)
131 Double Blind Method/ (176733)
132 Single Blind Method/ (33084)
133 clinical trial/ (539104)
134 clinical trial, phase i.pt. (25390)
135 clinical trial, phase ii.pt. (40532)
136 clinical trial, phase iii.pt. (22207)
137 clinical trial, phase iv.pt. (2458)
138 controlled clinical trial.pt. (95471)
139 randomized controlled trial.pt. (603937)
140 multicenter study.pt. (340282)
141 clinical trial.pt. (539104)
142 exp Clinical Trials as topic/ (386292)
143 or/128-142 (1585044)
144 (clinical adj trial\$).tw. (494156)
145 ((singl\$ or doubl\$ or treb\$ or tripl\$) adj (blind\$3 or mask\$3)).tw. (201037)
146 PLACEBOS/ (35934)
147 placebo\$.tw. (251354)
148 randomly allocated.tw. (37391)
149 (allocated adj2 random\$).tw. (41230)
150 or/144-149 (803028)
151 143 or 150 (1944986)
152 case report.tw. (409941)
153 letter/ or historical article/ (1598030)
154 152 or 153 (1996309)
155 151 not 154 (1901815)
156 94 and 155 (7632)
157 Animals/ not Humans/ (5139672)
158 156 not 157 (7459)
159 127 or 158 (9549)
160 Economics/ (27517)
161 exp "Costs and Cost Analysis"/ (267430)
162 Economics, Dental/ (1921)
163 exp Economics, Hospital/ (25767)
164 exp Economics, Medical/ (14411)
165 Economics, Nursing/ (4013)
166 Economics, Pharmaceutical/ (3114)
167 Budgets/ (11765)
168 exp Models, Economic/ (16245)

169 Markov Chains/ (16051)
 170 Monte Carlo Method/ (32511)
 171 Decision Trees/ (12153)
 172 econom\$.tw. (415717)
 173 cba.tw. (11231)
 174 cea.tw. (27241)
 175 cua.tw. (1480)
 176 markov\$.tw. (32231)
 177 (monte adj carlo).tw. (59885)
 178 (decision adj3 (tree\$ or analys\$)).tw. (29565)
 179 (cost or costs or costing\$ or costly or costed).tw. (759537)
 180 (price\$ or pricing\$).tw. (54315)
 181 budget\$.tw. (36402)
 182 expenditure\$.tw. (69919)
 183 (value adj3 (money or monetary)).tw. (3273)
 184 (pharmacoeconomic\$ or (pharmaco adj economic\$)).tw. (4551)
 185 or/160-184 (1462054)
 186 Animals/ not Humans/ (5139672)
 187 185 not 186 (1358877)
 188 94 and 187 (3001)
 189 159 or 188 (11589)
 190 limit 189 to yr="2016 -Current" (5775)
 191 limit 190 to italian (2)
 192 limit 190 to english language (5651)
 193 191 or 192 (5653)

Database: Embase <1974 to 2023 November 22>

Search Strategy:

1 exp *Dementia/ (267167)
 2 (dementi* or pseudodementia).tw. (203526)
 3 (alzheimer* or alzeimer* or (cortical adj4 sclerosis)).tw. (253058)
 4 ((encephalopath* or cogniti* or neurocogniti*) adj4 (aids or hiv)).tw. (6714)
 5 ((aphasi* adj4 (primary or progress*)) or mesulam* or ppa or (ftd adj4 temporal)).tw. (10093)
 6 (((creutzfeldt or ja?ob*) adj4 (disease or syndrome)) or cjd or (spongiform adj4 encephalopath*) or "corticostriatal degeneration" or (pseudosclerosis adj4 spastic)).tw. (14505)
 7 (binswanger* or ((subcortic* or "sub cortic*" or arteriosclerotic) adj4 (encephalopath* or leukoencephalopath*)) or cadasil*).tw. (3778)
 8 ((kosaka adj2 shibayama) or (neurofibrillary adj1 tangle*) or dntc).tw. (13403)
 9 (((frontotemporal or (fronto adj temporal) or (corticobasal or (cortico adj basal) or (frontal adj lobe))) adj4 (degenerati* or dysfunction)) or ftld or ftlds or ftd or ftds).tw. (18069)
 10 ((pick* adj1 (complex or disease* or syndrome)) or (wilhemsens adj1 lynch) or ddpac or (lob* adj4 atroph*)).tw. (7885)
 11 (huntington* or ((progressive or major or juvenile or hereditary) adj4 chorea)).tw. (28568)
 12 (((kluver or kluever) adj4 bu?y) or (("temporal lobectomy" adj4 behavi*) or ("temporal lobe" adj4 dysfunction))).tw. (805)
 13 ("lewy bod*" or dlb or lbd or dlbd).tw. (21710)
 14 ("senile confusion" or "senile psychosis" or senilit*).tw. (948)
 15 *tauopathy/ (3094)
 16 tauopath*.tw. (8138)
 17 cerad.tw. (1763)
 18 (Posterior adj cortic* adj atroph*).tw. (971)
 19 sivd.tw. (245)
 20 or/1-19 (480857)
 21 ((Non-pharma* or non pharma*) adj2 (intervent* or therap* or treat* or stimulat* or aid* or techni* or program*

or care)).tw. (15778)

22 exp art therapy/ (4961)

23 alternative medicine/ (51456)

24 psychotherapy/ or aromatherapy/ or color therapy/ or dance therapy/ or guided imagery/ or music therapy/ or narrative therapy/ or play therapy/ (113342)

25 Counseling/ (82465)

26 ((Sensor* or multisensor* or complement* or alternat* or music* or sound* or acoustic* or audi* or dance* or dancing or play* or art* or touch* or literat* or read* or narrative* or visual* or vision* or light* or colour* or color* or environment* or massage* or aroma* or dawn* or sunshine or sunlight or counsel*) adj1 (intervent* or therap* or stimulat* or aid* or techni* or train* or treat* or counsel* or program*)).tw. (468376)

27 (snoezelen* or "senso* environment*" or "senso* room*" or MSE).tw. (6034)

28 (Psychotherap* or psycho-therap* or psychoeducat* or psycho-educat*).tw. (79386)

29 (Aromatherap* or chromatotherap*).tw. (2453)

30 massage/ or essential oil/ (51027)

31 ((Essential or volatile or fragrant) adj1 oil*).tw. (35901)

32 exp Cognitive Therapy/ or behavior therapy/ (108546)

33 ((Cognitive* or cognition* or behaviour* or behavior* or individual*) adj2 (intervent* or therap* or stimulat* or aid* or techni* or train* or skill* or rehab* or treat* or counsel*)).tw. (244979)

34 CBT.tw. (21612)

35 Holistic Health.mp. (1167)

36 ((Validat* or holistic*) adj1 (therap* or method* or techni* or treat* or train* or intervent* or program* or care)).tw. (38166)

37 (Memory adj2 (function* or rehab* or therap* or aid* or group* or train* or retraining or support* or stimulation or strateg* or management or managing)).tw. (33095)

38 (Reality adj2 orientation).tw. (332)

39 Reminiscence*.tw. (2327)

40 occupational therapy/ (26706)

41 ((Occupation* or Occ) adj2 (therap* or treat* or care* or medicine*)).tw. (34411)

42 (OT or ergotherap*).tw. (20912)

43 speech therapy/ or language therapy/ (16571)

44 ((Speech or talk* or language*) adj2 (intervent* or therap* or stimulat* or aid* or techni* or train* or treat* or counsel* or method* or program*)).tw. (28854)

45 daily life activity/ (116465)

46 (Daily adj2 (life or living) adj2 activi*).tw. (60920)

47 ADL.tw. (21698)

48 exp kinesiotherapy/ (101291)

49 ((Exercis* or kinesiotherap* or kinesiol* or physical* or sport*) adj1 (therap* or treat* or intervent* or medicin* or educat*)).tw. (103212)

50 ((walk* or swim* or jog* or cycling or bicycl* or treadmill* or gym*) adj1 (therap* or treat* or intervent* or medicin* or educat*)).tw. (2308)

51 ((Aerobic or yoga or pilates or tai chi or tai-chi or taichi or tai ji or tai-ji or taiji or qi gong or qigong or qi-gong or chi kung or ch i-kung or chikung or ch-i-kung) adj1 (therap* or treat* or intervent* or medicin* or educat*)).tw. (3593)

52 (Wii fit or Kinect).tw. (2346)

53 animal assisted therapy/ (815)

54 ((Animal* or pet or pets or dog or dogs or cat or cats*) adj2 (therap* or treat* or intervent*)).tw. (113694)

55 *patient education/ (31754)

56 *social support/ (26754)

57 self help/ (14895)

58 self care/ (77035)

59 ((Selfhelp\$ or self-help\$ or self help\$ or selfcar\$ or self-car\$ or self car\$ or self-manag\$ or self manag\$ or support\$) adj2 (group\$ or car\$)).tw. (148088)

60 ((patient\$ or parent\$ or famil\$ or relative\$ or carer\$ or caregiver\$ or care-giver\$ or spous\$ or husband\$ or wife\$ or wive\$ or partner\$ or consumer\$) adj2 (advis\$ or advice\$ or counsel\$ or educat\$ or communicat\$ or informat\$ or learn\$ or lesson\$ or librar\$ or material\$ or need\$ or promot\$ or resource\$ or selfhelp\$ or self-help\$ or self help\$ or

selfcar\$ or self-car\$ or self car\$ or self-manag\$ or self manag\$ or support\$ or teach\$ or tool\$ or train\$ or tutorial\$)).ti.
(63933)

61 exp Internet/ (130953)

62 social network/ (24613)

63 e-mail/ (31355)

64 text messaging/ (7820)

65 hotline/ (673)

66 patient education/ (126516)

67 Pamphlets.mp. (1784)

68 ((app or apps or blog* or email* or e-mail* or e mail* or facebook or forum* or podcast* or social media or social network* or sms or text messag* or twitter or tweet* or video* or web* or smartphone* or smart phone* or tablet* or iPad* or iPhone* or Skype* or FaceTime*) adj2 (dementi* or pseudodementia or alzheimer* or alzeimer*)).tw.
(679)

69 bibliotherapy/ (337)

70 bibliotherap\$.tw. (598)

71 ((book\$ or information\$) adj2 prescription\$).ti. (182)

72 Self-Help Devices/ (2916)

73 ((Assistive* or automat* or medicine or medication or locate* or track* or move* or alarm* or safe or safer or safety or communit* or shut-off or switch-off) adj2 (technolog* or device* or system* or prompt* or remind* or monitor* or detect* or sensor* or dispenser* or aid or aids or solution* or multicomponent*)).tw. (170295)

74 (Clock* or calendar* or noticeboard* or notice board* or notices or sticky note* or post-it-note* or dossette box* or blister pack*).tw. (79217)

75 (telecare* or remote monitor* or video confer* or phone block*).tw. (10348)

76 (panic adj2 (button* or switch* or alarm*)).tw. (72)

77 ((Environment* or home* or house* of flat* or apartment* or cottage* or bungalow*) adj2 (modificat* or alter* or adjust* or adapt* or revise*)).tw. (29178)

78 ((light* adj2 tim*) or water isolation device* or special plugs* or fall sensor*).tw. (4805)

79 *interpersonal communication/ (51241)

80 (Communicat* adj2 (train* or aid* or aids or technolog* or device* or system* or prompt* or remind*)).tw.
(31234)

81 ((Adapt* adj2 phone*) or cue card* or talk* mat*).tw. (262)

82 exp phototherapy/ (117183)

83 (photo or photos or photograph or photographs or picture* or puzzle* or game* or "sensor* stimulat*" or "mental* stimulat*" or "brain train").tw. (386133)

84 ((Multicomponent* or multi-component* or multifacet* or multi-facet*) adj2 (intervention* or education* or support* or car* or information*)).tw. (8109)

85 case management/ (13785)

86 ("case manage*" or "care manage").tw. (20305)

87 *life event/ (11142)

88 ("life review*" or "life event*" or "life stor* book").tw. (22942)

89 exp vitamin/ (754163)

90 (Vitamin* supplement* or herbal* remed*).tw. (10170)

91 (Diet* adj2 manage*).tw. (5701)

92 Souvenaid*.tw. (146)

93 or/21-92 (3524397)

94 20 and 93 (74828)

95 "meta analysis (topic)"/ (54160)

96 meta analy\$.tw. (359158)

97 metaanaly\$.tw. (12692)

98 meta analysis/ (297267)

99 "systematic review (topic)"/ (33187)

100 (systematic adj (review\$1 or overview\$1)).tw. (370346)

101 or/95-100 (638588)

102 cochrane.ab. (177632)

103 embase.ab. (200941)
104 (psychlit or psyclit).ab. (1010)
105 (psychinfo or psycinfo).ab. (58282)
106 (cinahl or cinhal).ab. (56213)
107 science citation index.ab. (4423)
108 bids.ab. (877)
109 cancerlit.ab. (755)
110 or/102-109 (306632)
111 reference list\$.ab. (26691)
112 bibliograph\$.ab. (29677)
113 hand-search\$.ab. (10661)
114 relevant journals.ab. (1622)
115 manual search\$.ab. (7328)
116 or/111-115 (68597)
117 selection criteria.ab. (45803)
118 data extraction.ab. (41177)
119 117 or 118 (84235)
120 "review"/ (2954018)
121 119 and 120 (36712)
122 101 or 110 or 116 or 121 (744908)
123 editorial/ or letter/ (1971307)
124 122 not 123 (720463)
125 94 and 124 (4320)
126 Animals/ not Humans/ (1082377)
127 125 not 126 (4319)
128 "randomized controlled trial (topic)"/ (265954)
129 randomized controlled trial/ (793462)
130 randomization/ (99010)
131 double blind procedure/ (212684)
132 single blind procedure/ (52461)
133 clinical trial/ (1075596)
134 phase 1 clinical trial/ (72072)
135 phase 2 clinical trial/ (108445)
136 phase 3 clinical trial/ (70650)
137 phase 4 clinical trial/ (5503)
138 randomized controlled trial/ (793462)
139 multicenter study/ (378848)
140 "clinical trial (topic)"/ (128767)
141 or/128-140 (2267717)
142 (clinical adj trial\$).tw. (708011)
143 ((singl\$ or doubl\$ or treb\$ or tripl\$) adj (blind\$3 or mask\$3)).tw. (283953)
144 placebo/ (405202)
145 placebo\$.tw. (370673)
146 randomly allocated.tw. (46171)
147 (allocated adj2 random\$).tw. (50779)
148 or/142-147 (1266617)
149 141 or 148 (2782477)
150 case report.tw. (549580)
151 letter/ (1217906)
152 150 or 151 (1756889)
153 149 not 152 (2719655)
154 94 and 153 (13322)
155 127 or 154 (15724)
156 Animals/ not Humans/ (1082377)

157 155 not 156 (15704)
158 *economics/ (27813)
159 "cost"/ (63530)
160 exp *health economics/ (308671)
161 *pharmacoeconomics/ (6172)
162 budget/ (33877)
163 exp economic model/ (3873)
164 Markov chain/ (10613)
165 Monte Carlo method/ (51823)
166 "decision tree"/ (22511)
167 econom\$.tw. (503038)
168 cba.ti. (1301)
169 cea.tw. (41905)
170 cua.tw. (1891)
171 markov\$.tw. (40194)
172 (monte adj carlo).tw. (62086)
173 (decision adj3 (tree\$ or analys\$)).tw. (39281)
174 (cost or costs or costing\$ or costly or costed).tw. (1006629)
175 (price\$ or pricing\$).tw. (73954)
176 budget\$.tw. (47824)
177 expenditure\$.tw. (91930)
178 (value adj3 (money or monetary)).tw. (4360)
179 (pharmacoeconomic\$ or (pharmaco adj economic\$)).tw. (9716)
180 or/158-179 (1854694)
181 94 and 180 (4406)
182 157 or 181 (18733)
183 limit 182 to yr="2016 -Current" (9704)
184 letter.pt. (1297055)
185 editorial.pt. (786520)
186 note.pt. (965193)
187 184 or 185 or 186 (3048768)
188 183 not 187 (9609)
189 limit 188 to english language (9470)
190 limit 188 to italian (3)
191 189 or 190 (9473)

Review question 20d

What are the most effective methods of supporting people living with dementia to reduce harm and stay independent?

Number of records per database

Database	Records
Cochrane Database of Systematic Reviews	83
CENTRAL	2867
MEDLINE	3841
Embase	6566
Total (Database)	13357
Total (Database) after removing duplicates	8839

Filters: RCT, systematic review, economic evaluation

Cochrane Library issue 11, 2023

- #1 MeSH descriptor: [Dementia] explode all trees 9336
- #2 (dementi* OR pseudodementia):ti,ab 15624
- #3 (alzheimer* OR alzeimer* OR (cortical NEAR/4 sclerosis)):ti,ab 12922
- #4 ((encephalopath* OR cogniti* OR neurocogniti*) NEAR/4 (aids OR hiv)):ti,ab 468
- #5 ((aphasi* NEAR/4 (primary OR progress*)) OR mesulam* OR ppa OR (ftd NEAR/4 temporal)):ti,ab 663
- #6 (((creutzfeldt OR jakob*) NEAR/4 (disease OR syndrome)) OR cjd OR (spongiform NEAR/4 encephalopath*) OR "corticostriatospinal degeneration" OR (pseudosclerosis NEAR/4 spastic)):ti,ab 64
- #7 (binswanger* OR ((subcortic* OR arterisclerotic) NEAR/4 (encephalopath* OR leukoencephalopath*)) OR cadasil*):ti,ab 45
- #8 ((kosaka NEAR/2 shibayama) OR (neurofibrillary NEXT tangle*) OR dntc):ti,ab 81
- #9 (((frontotemporal OR (fronto NEXT temporal) OR (corticobasal OR (cortico NEXT basal) OR (frontal NEXT lobe))) NEAR/4 (degenerati* or dysfunction)) OR ftld OR ftlds OR ftd OR ftds):ti,ab 364
- #10 (pick* NEAR/1 (complex OR disease* OR syndrome)):ti,ab OR ((wilhemsen NEAR/1 lynch) OR ddpac OR (lob* NEAR/4 atroph*)):ti,ab 121
- #11 (huntington* OR ((progressive OR major OR juvenile OR hereditary) NEAR/4 chorea)):ti,ab 757
- #12 (((kluver OR kluever) NEAR/4 bucy) OR (("temporal lobectomy" NEAR/4 behavi*) or ("temporal lobe" NEAR/4 dysfunction))):ti,ab 14
- #13 ((lewy NEXT bod*) OR dlb OR lbd OR dlbd):ti,ab 537
- #14 ((senile NEXT confusion) OR (senile NEXT psychosis) OR senilit*):ti,ab 55
- #15 MeSH descriptor: [Tauopathies] this term only 14
- #16 tauopath*:ti,ab 54
- #17 cerad:ti,ab 148
- #18 Posterior NEXT cortic* NEXT atroph* 16
- #19 sivd:ti,ab 16
- #20 {OR #1-#19} 26100
- #21 MeSH descriptor: [Activities of Daily Living] explode all trees 13110
- #22 (Daily NEAR/2 (life OR living) NEAR/2 activi*):ti,ab 12001
- #23 adl:ti 186
- #24 (independent* NEAR/3 living):ti,ab 937
- #25 MeSH descriptor: [Occupational Therapy] explode all trees 1030
- #26 ((community NEAR/1 dwelling*) or aging in place):ti,ab 5917
- #27 ((Occupation* or Occ) NEAR/2 (therap* or treat* or care* or medicine*)):ti,ab 3952
- #28 (OT or ergotherap*):ti,ab 1769

#29 ((Environment* or home* or hous* or flat* or apartment* or cottage* or bungalow*) NEAR/4 (modifi* or alter* or adjust* or adapt* or revis* or conver* or change*)):ti,ab 4546

#30 MeSH descriptor: [Social Support] this term only 4224

#31 (social NEAR/2 (support* or network*)):ti,ab 9116

#32 (psychosocial NEAR/2 (interven* or support* or therap* or treat* or care* or medicine*)):ti,ab 4957

#33 MeSH descriptor: [Self-Help Devices] explode all trees 515

#34 ((Assistive* or automat* or medicine or medication or locate* or track* or move* or alarm* or safe or safer or safety or communit* or shut-off or switch-off) NEAR/2 (technolog* or device* or system* or prompt* or remind* or monitor* or detect* or sensor* or dispenser* or aid or aids or solution* or multicomponent*)):ti,ab 16070

#35 [mh Exercise] OR [mh "Exercise therapy"] 48113

#36 exercis*:ti,ab 119563

#37 MeSH descriptor: [Self Care] explode all trees 7621

#38 (self care or self-care or self management or self-management or personal care):ti,ab 52044

#39 MeSH descriptor: [Telemedicine] 3 tree(s) exploded 4313

#40 (telehealth or telemedicine or telecare or ehealth or mhealth):ti,ab 8481

#41 ((alarm* or alert* or sensor* or detector*) NEAR/4 (motion or fall* or mov*)):ti,ab 726

#42 community alarm*:ti,ab 218

#43 ((medication* or medicine* or pill* or tablet* or capsule*) NEAR/4 (aid* or prompt* or remind*)):ti,ab 1021

#44 (automat* NEAR/4 dispense*):ti,ab 18

#45 (dosette NEXT box*):ti,ab 1

#46 MeSH descriptor: [Geographic Information Systems] explode all trees 67

#47 MeSH descriptor: [Remote Sensing Technology] 3 tree(s) exploded 61

#48 ((gps OR (global NEXT Position*)) NEAR/2 track*):ti,ab 41

#49 (remote NEAR/2 sensing):ti,ab 34

#50 (locat* NEAR/4 (device* or monitor*)):ti,ab 168

#51 MeSH descriptor: [Reminder Systems] explode all trees 1113

#52 ((automat* or record*) NEAR/4 (prompt* or remind*)):ti,ab 725

#53 (remind* NEAR/4 (system* or device* or technique* or method*)):ti,ab 717

#54 (memory NEAR/4 (aid* or device* or prompt*)):ti,ab 311

#55 (clock* or calendar* or noticeboard* or (notice NEXT board*) or notices or (sticky NEXT note*) or post-it-note*):ti,ab 4525

#56 ((telephone* or cellphone* or mobile) NEAR/4 (adapt* or block*)):ti,ab 189

#57 ((video NEXT chat) or skype or facetime):ti,ab 406

#58 MeSH descriptor: [Self-Help Groups] this term only 820

#59 ((involvement or self help or self-help or support) NEAR/4 group*):ti,ab 14802

#60 MeSH descriptor: [Communication] this term only 3155

#61 communicat*:ti,ab 28376

#62 {OR #21-#61} 265162

#63 [mh "Nutrition Therapy"] OR [mh Eating] 17166

#64 ((nutrition* or diet or eat* or food) NEAR/4 (therap* or support* or help* or aid* or guid* or treat* or care* or program*)):ti,ab 21242

#65 MeSH descriptor: [Deglutition] explode all trees 602

#66 (swallow* or deglutition):ti,ab 6717

#67 ((drink* NEAR/4 (support* or help* or aid* or guid*)) or hydrat* or dehydrat*):ti,ab 7987

#68 MeSH descriptor: [Accident Prevention] explode all trees 18611

#69 (automat* NEAR/4 (light* or shut-off or shut off)):ti,ab 90

#70 (water NEAR/4 isolat*):ti,ab 41

#71 ((prevent* or avoid* or avert* or stop*) NEAR/4 (accident* or flood* or scald* or burn* or fire*)):ti,ab 565

#72 (sensor* NEAR/4 (temperature* or heat* or hot or cold or freez* or frozen)):ti,ab 420

#73 [mh ^"Community Health Services"] OR [mh ^"Community Networks"] 1450

#74 (community NEAR/4 (rehabilitat* or service* or care or network* or group*)):ti,ab 8576

#75 (self NEAR1 advoca*):ti,ab 132381

#76 {OR #63-#75} 202338

#77 MeSH descriptor: [Harm Reduction] explode all trees 203

#78 MeSH descriptor: [Personal Autonomy] explode all trees 302
 #79 [mh ^Risk] OR [mh ^"Behavior Risk"] OR [mh "Risk Assessment"] OR [mh ^"Risk Management"] OR [mh ^"Risk Reduction"] OR [mh ^"Risk-Taking"] 28497
 #80 (harm* or indepen* or risk* or autonom* or self determination or empower* or enable* or capacitate or free will):ti,ab 388236
 #81 {OR #77-#80} 395136
 #82 #20 AND #62 AND #81 2774
 #83 #20 AND #76 3183
 #84 #82 OR #83 with Publication Year from 2017 to present, in Trials 2867
 #85 #82 OR #83 with Cochrane Library publication date from Jan 2017 to present, in Cochrane Reviews 83

Database: Ovid MEDLINE(R) ALL <1946 to November 22, 2023>

Search Strategy:

1 exp Dementia/ (209142)
 2 (dementi* or pseudodementia).tw. (141938)
 3 (alzheimer* or alzeimer* or (cortical adj4 sclerosis)).tw. (188184)
 4 ((encephalopath* or cogniti* or neurocogniti*) adj4 (aids or hiv)).tw. (4556)
 5 ((aphasi* adj4 (primary or progress*)) or mesulam* or ppa or (ftd adj4 temporal)).tw. (6957)
 6 (((creutzfeldt or ja?ob*) adj4 (disease or syndrome)) or cjd or (spongiform adj4 encephalopath*) or "corticostriatospinal degeneration" or (pseudosclerosis adj4 spastic)).tw. (11603)
 7 (binswanger* or ((subcortic* or "sub cortic*" or arterisclerotic) adj4 (encephalopath* or leukoencephalopath*)) or cadasil*).tw. (2614)
 8 ((kosaka adj2 shibayama) or (neurofibrillary adj1 tangle*) or dntc).tw. (10051)
 9 (((frontotemporal or (fronto adj temporal) or (corticobasal or (cortico adj basal) or (frontal adj lobe))) adj4 (degenerati* or dysfunction)) or ftld or ftlds or ftd or ftlds).tw. (10805)
 10 ((pick* adj1 (complex or disease* or syndrome)) or (wilhemsen adj1 lynch) or ddpac or (lob* adj4 atroph*)).tw. (5929)
 11 (huntington* or ((progressive or major or juvenile or hereditary) adj4 chorea)).tw. (21171)
 12 (((kluver or kluever) adj4 bu?y) or (("temporal lobectomy" adj4 behavi*) or ("temporal lobe" adj4 dysfunction))).tw. (622)
 13 ("lewy bod*" or dlb or lbd or dlbd).tw. (14640)
 14 ("senile confusion" or "senile psychosis" or senilit*).tw. (872)
 15 Tauopathies/ (2665)
 16 tauopath*.tw. (5258)
 17 cerad.tw. (940)
 18 (Posterior adj cortic* adj atroph*).tw. (553)
 19 sivd.tw. (180)
 20 or/1-19 (354798)
 21 exp Activities of Daily Living/ (121742)
 22 (Daily adj2 (life or living) adj2 activi*).tw. (42609)
 23 adl.tw. (13376)
 24 (independent* adj3 living).tw. (5743)
 25 Occupational Therapy/ (15056)
 26 ((community adj1 dwelling*) or aging in place).tw. (33091)
 27 ((Occupation* or Occ) adj2 (therap* or treat* or care* or medicine*)).tw. (23428)
 28 (OT or ergotherap*).tw. (21182)
 29 ((Environment* or home* or hous* or flat* or apartment* or cottage* or bungalow*) adj4 (modifi* or alter* or adjust* or adapt* or revis* or conver* or change*)).tw. (129610)
 30 Social support/ (79268)
 31 (social adj2 (support* or network*)).tw. (82018)
 32 (psychosocial adj2 (interven* or support* or therap* or treat* or care* or medicine*)).tw. (19168)
 33 exp Self-Help Devices/ (13409)
 34 ((Assistive* or automat* or medicine or medication or locate* or track* or move* or alarm* or safe or safer or safety or communit* or shut-off or switch-off) adj2 (technolog* or device* or system* or prompt* or remind* or

monitor* or detect* or sensor* or dispenser* or aid or aids or solution* or multicomponent*)),.tw. (123452)

35 exp Exercise/ or exp Exercise therapy/ (287481)

36 exercis*.tw. (360077)

37 exp Self Care/ (62779)

38 (self care or self-care or self management or self-management or personal care).tw. (55507)

39 Telemedicine/ (38364)

40 (telehealth or telemedicine or telecare or ehealth or mhealth).tw. (39180)

41 ((alarm* or alert* or sensor* or detector*) adj4 (motion or fall* or mov*)).tw. (8590)

42 community alarm*.tw. (14)

43 ((medication* or medicine* or pill* or tablet* or capsule*) adj4 (aid* or prompt* or remind*)).tw. (3558)

44 (automat* adj4 dispense*).tw. (203)

45 dosette box*.tw. (18)

46 Geographic Information Systems/ (9445)

47 Remote Sensing Technology/ (4131)

48 ((gps or " global Position") adj2 track*).tw. (765)

49 (remote adj2 sensing).tw. (11900)

50 (locat* adj4 (device* or monitor*)).tw. (3763)

51 Reminder systems/ (3804)

52 ((automat* or record*) adj4 (prompt* or remind*)).tw. (1258)

53 (remind* adj4 (system* or device* or technique* or method*)).tw. (1781)

54 (memory adj4 (aid* or device* or prompt*)).tw. (4284)

55 (clock* or calendar* or noticeboard* or notice board* or notices or sticky note* or post-it-note*).tw. (60755)

56 ((telephone* or cellphone* or mobile) adj4 (adapt* or block*)).tw. (702)

57 (video chat or skype or facetime).tw. (796)

58 Self-Help Groups/ (9622)

59 ((involvement or self help or self-help or support) adj4 group*).tw. (27999)

60 Communication/ (102114)

61 communicat*.tw. (393477)

62 or/21-61 (1697954)

63 exp Nutrition Therapy/ or exp Eating/ (193776)

64 ((nutrition* or diet or eat* or food) adj4 (therap* or support* or help* or aid* or guid* or treat* or care* or program*)).tw. (106626)

65 Deglutition/ (11746)

66 (swallow* or deglutition).tw. (38216)

67 ((drink* adj4 (support* or help* or aid* or guid*)) or hydrat* or dehydrat*).tw. (121758)

68 exp Accident Prevention/ (96002)

69 (automat* adj4 (light* or shut-off or shut off)).tw. (617)

70 (water adj4 isolat*).tw. (7501)

71 ((prevent* or avoid* or avert* or stop*) adj4 (accident* or flood* or scald* or burn* or fire*)).tw. (11429)

72 (sensor* adj4 (temperature* or heat* or hot or cold or freez* or frozen)).tw. (7815)

73 Community Health Services/ or Community Networks/ (40102)

74 (community adj4 (rehabilitat* or service* or care or network* or group*)).tw. (70281)

75 (self advoca* or self-advoca*).tw. (828)

76 or/63-75 (655782)

77 Harm Reduction/ (4215)

78 Personal Autonomy/ (18377)

79 Risk/ or exp Risk Assessment/ or Risk Mangement/ or Risk Reduction Behavior/ or Risk-Taking/ (474771)

80 (harm* or indepen* or risk* or autonom* or self determination or empower* or enable* or capacitate or free will).tw. (4856674)

81 or/77-80 (5019293)

82 20 and 62 and 81 (11698)

83 20 and 76 (6784)

84 82 or 83 (17671)

85 animals/ not humans/ (5139672)

86 84 not 85 (17119)
87 Clinical-Trial/ or Randomized-Controlled-Trial/ or Randomization/ or Single-Blind-Procedure/ or Double-Blind-Procedure/ or Crossover-Procedure/ or Prospective-Study/ or Placebo/ (1543412)
88 (((clinical or control or controlled) adj (study or trial)) or ((single or double or triple) adj (blind\$3 or mask\$3)) or (random\$ adj (assign\$ or allocat\$ or group or grouped or patients or study or trial or distribut\$)) or (crossover adj (design or study or trial)) or placebo or placebos).ti,ab. (996948)
89 87 or 88 (2038738)
90 86 and 89 (2696)
91 Meta-Analysis.pt. (190519)
92 Meta-Analysis as Topic/ (23550)
93 Review.pt. (3241288)
94 exp Review Literature as Topic/ (23990)
95 (metaanaly\$ or metanaly\$ or (meta adj3 analy\$)).tw. (289605)
96 (review\$ or overview\$).ti. (784605)
97 (systematic\$ adj5 (review\$ or overview\$)).tw. (337251)
98 ((quantitative\$ or qualitative\$) adj5 (review\$ or overview\$)).tw. (17806)
99 ((studies or trial\$) adj2 (review\$ or overview\$)).tw. (66945)
100 (integrat\$ adj3 (research or review\$ or literature)).tw. (19043)
101 (pool\$ adj2 (analy\$ or data)).tw. (45531)
102 (handsearch\$ or (hand adj3 search\$)).tw. (11715)
103 (manual\$ adj3 search\$).tw. (8890)
104 or/91-103 (3746908)
105 animals/ not humans/ (5139672)
106 104 not 105 (3566994)
107 86 and 106 (3852)
108 Observational Studies as Topic/ (9193)
109 Observational Study/ (149168)
110 Epidemiologic Studies/ (9436)
111 exp Case-Control Studies/ (1461205)
112 exp Cohort Studies/ (2544278)
113 Cross-Sectional Studies/ (485007)
114 Controlled Before-After Studies/ (741)
115 Historically Controlled Study/ (231)
116 Interrupted Time Series Analysis/ (1945)
117 Comparative Study.pt. (1913383)
118 case control\$.tw. (162029)
119 case series.tw. (106851)
120 (cohort adj (study or studies)).tw. (331906)
121 cohort analy\$.tw. (12380)
122 (follow up adj (study or studies)).tw. (57168)
123 (observational adj (study or studies)).tw. (169005)
124 longitudinal.tw. (332686)
125 prospective.tw. (733255)
126 retrospective.tw. (774546)
127 cross sectional.tw. (535434)
128 108 or 109 or 110 or 111 or 112 or 113 or 114 or 115 or 116 or 117 or 118 or 119 or 120 or 121 or 122 or 123 or 124 or 125 or 126 or 127 (5607492)
129 86 and 128 (6216)
130 Economics/ (27517)
131 exp "Costs and Cost Analysis"/ (267430)
132 Economics, Dental/ (1921)
133 exp Economics, Hospital/ (25767)
134 exp Economics, Medical/ (14411)
135 Economics, Nursing/ (4013)

136 Economics, Pharmaceutical/ (3114)
137 Budgets/ (11765)
138 exp Models, Economic/ (16245)
139 Markov Chains/ (16051)
140 Monte Carlo Method/ (32511)
141 Decision Trees/ (12153)
142 econom\$.tw. (415717)
143 cba.tw. (11231)
144 cea.tw. (27241)
145 cua.tw. (1480)
146 markov\$.tw. (32231)
147 (monte adj carlo).tw. (59885)
148 (decision adj3 (tree\$ or analys\$)).tw. (29565)
149 (cost or costs or costing\$ or costly or costed).tw. (759537)
150 (price\$ or pricing\$).tw. (54315)
151 budget\$.tw. (36402)
152 expenditure\$.tw. (69919)
153 (value adj3 (money or monetary)).tw. (3273)
154 (pharmacoeconomic\$ or (pharmaco adj economic\$)).tw. (4551)
155 or/130-154 (1462054)
156 86 and 155 (1644)
157 90 or 107 or 129 or 156 (11000)
158 limit 157 to yr="2017 -Current" (5403)
159 limit 158 to english language (5289)
160 limit 158 to italian (4)
161 159 or 160 (5293)

Database: Embase <1974 to 2023 November 22>

Search Strategy:

1 exp *Dementia/ (267167)
2 (dementi* or pseudodementia).tw. (203526)
3 (alzheimer* or alzeimer* or (cortical adj4 sclerosis)).tw. (253058)
4 ((encephalopath* or cogniti* or neurocogniti*) adj4 (aids or hiv)).tw. (6714)
5 ((aphasi* adj4 (primary or progress*)) or mesulam* or ppa or (ftd adj4 temporal)).tw. (10093)
6 (((creutzfeldt or ja?ob*) adj4 (disease or syndrome)) or cjd or (spongiform adj4 encephalopath*) or "corticostriatal degeneration" or (pseudosclerosis adj4 spastic)).tw. (14505)
7 (binswanger* or ((subcortic* or "sub cortic*" or arteriosclerotic) adj4 (encephalopath* or leukoencephalopath*)) or cadasil*).tw. (3778)
8 ((kosaka adj2 shibayama) or (neurofibrillary adj1 tangle*) or dntc).tw. (13403)
9 (((frontotemporal or (fronto adj temporal) or (corticobasal or (cortico adj basal) or (frontal adj lobe))) adj4 (degenerati* or dysfunction)) or ftld or ftlds or ftd or ftlds).tw. (18069)
10 ((pick* adj1 (complex or disease* or syndrome)) or (wilhemsen adj1 lynch) or ddpac or (lob* adj4 atroph*)).tw. (7885)
11 (huntington* or ((progressive or major or juvenile or hereditary) adj4 chorea)).tw. (28568)
12 (((kløver or kluever) adj4 bu?y) or (("temporal lobectomy" adj4 behavi*) or ("temporal lobe" adj4 dysfunction))).tw. (805)
13 ("lewy bod*" or dlb or lbd or dlbd).ti. (6167)
14 ("senile confusion" or "senile psychosis" or senilit*).tw. (948)
15 *tauopathy/ (3094)
16 tauopath*.tw. (8138)
17 cerad.tw. (1763)
18 (Posterior adj cortic* adj atroph*).tw. (971)
19 sivd.ti. (8)
20 or/1-19 (473503)

21 exp *daily life activity/ (16713)
 22 (Daily adj2 (life or living) adj2 activi*).tw. (60920)
 23 adl.ti. (945)
 24 (independent* adj3 living).tw. (7693)
 25 *occupational therapy/ (11238)
 26 ((community adj1 dwelling*) or "aging in place").tw. (41535)
 27 ((Occupation* or Occ) adj2 (therap* or treat* or care* or medicine*)).tw. (34411)
 28 OT.ti. or ergotherap*.tw. (1446)
 29 ((Environment* or home* or hous* or flat* or apartment* or cottage* or bungalow*) adj4 (modifi* or alter* or adjust* or adapt* or revis* or conver* or change*)).tw. (146009)
 30 *social support/ (26754)
 31 (social adj2 (support* or network*)).tw. (98391)
 32 (psychosocial adj2 (interven* or support* or therap* or treat* or care* or medicine*)).tw. (27473)
 33 exp self help device/ (3114)
 34 ((Assistive* or automat* or medicine or medication or locate* or track* or move* or alarm* or safe or safer or safety or communit* or shut-off or switch-off) adj2 (technolog* or device* or system* or prompt* or remind* or monitor* or detect* or sensor* or dispenser* or aid or aids or solution* or multicomponent*)).tw. (170295)
 35 exp exercise/ or exp kinesiotherapy/ (490236)
 36 exercis*.tw. (482556)
 37 exp *self care/ (34756)
 38 (self care or self-care or self management or self-management or personal care).tw. (76920)
 39 *telemedicine/ (24108)
 40 (telehealth or telemedicine or telecare or ehealth or mhealth).tw. (50246)
 41 ((alarm* or alert* or sensor* or detector*) adj4 (motion or fall* or mov*)).tw. (10329)
 42 community alarm*.tw. (16)
 43 ((medication* or medicine* or pill* or tablet* or capsule*) adj4 (aid* or prompt* or remind*)).tw. (5377)
 44 (automat* adj4 dispense*).tw. (308)
 45 dosette box*.tw. (36)
 46 geographic information system/ (13085)
 47 remote sensing/ (15465)
 48 ((gps or " global Position*") adj2 track*).tw. (786)
 49 (remote adj2 sensing).tw. (10593)
 50 (locat* adj4 (device* or monitor*)).tw. (5073)
 51 reminder system/ (3117)
 52 ((automat* or record*) adj4 (prompt* or remind*)).tw. (2197)
 53 (remind* adj4 (system* or device* or technique* or method*)).tw. (2588)
 54 (memory adj4 (aid* or device* or prompt*)).tw. (3739)
 55 (clock* or calendar* or noticeboard* or notice board* or notices or sticky note* or post-it-note*).tw. (78562)
 56 ((telephone* or cellphone* or mobile) adj4 (adapt* or block*)).tw. (812)
 57 (video chat or skype or facetime).tw. (1406)
 58 *self help/ (6370)
 59 ((involvement or self help or self-help or support) adj4 group*).tw. (40722)
 60 interpersonal communication/ (182389)
 61 communicat*.ti. (91059)
 62 or/21-61 (1725501)
 63 exp diet therapy/ or exp eating/ (458421)
 64 ((nutrition* or diet or eat* or food) adj4 (therap* or support* or help* or aid* or guid* or treat* or care* or program*)).tw. (146274)
 65 *swallowing/ (7153)
 66 (swallow* or deglutition).tw. (59554)
 67 ((drink* adj4 (support* or help* or aid* or guid*)) or hydrat* or dehydrat*).tw. (144294)
 68 exp accident prevention/ (17123)
 69 (automat* adj4 (light* or shut-off or shut off)).tw. (744)
 70 (water adj4 isolat*).tw. (8206)

71 ((prevent* or avoid* or avert* or stop*) adj4 (accident* or flood* or scald* or burn* or fire*)).tw. (14113)
72 (sensor* adj4 (temperature* or heat* or hot or cold or freez* or frozen)).tw. (7575)
73 *community care/ (22415)
74 (community adj4 (rehabilitat* or service* or care or network* or group*)).tw. (91225)
75 (self advoca* or self-advoca*).tw. (1234)
76 or/63-75 (907997)
77 *harm reduction/ (2531)
78 *personal autonomy/ (4963)
79 *risk assessment/ or *risk behavior/ or *risk/ or *risk management/ or risk reduction/ (286585)
80 (harm* or indepen* or risk* or autonom* or self determination or empower* or enable* or capacitate or free will).tw. (6612784)
81 or/77-80 (6674625)
82 20 and 62 and 81 (14496)
83 20 and 76 (12487)
84 82 or 83 (25728)
85 animal/ not human/ (1203564)
86 84 not 85 (25652)
87 Clinical-Trial/ or Randomized-Controlled-Trial/ or Randomization/ or Single-Blind-Procedure/ or Double-Blind-Procedure/ or Crossover-Procedure/ or Prospective-Study/ or Placebo/ (2574994)
88 (((clinical or control or controlled) adj (study or trial)) or ((single or double or triple) adj (blind\$3 or mask\$3)) or (random\$ adj (assign\$ or allocat\$ or group or grouped or patients or study or trial or distribut\$)) or (crossover adj (design or study or trial)) or placebo or placebos).ti,ab. (1392123)
89 87 or 88 (3120078)
90 86 and 89 (4601)
91 "meta analysis (topic)"/ or meta analysis/ (347287)
92 "systematic review"/ or "systematic review (topic)"/ (469560)
93 (metaanaly\$ or metanaly\$ or (meta adj3 analy\$)).tw. (366904)
94 (review\$ or overview\$).ti. (896812)
95 (systematic\$ adj5 (review\$ or overview\$)).tw. (408181)
96 ((quantitative\$ or qualitative\$) adj5 (review\$ or overview\$)).tw. (21358)
97 ((studies or trial\$) adj2 (review\$ or overview\$)).tw. (80332)
98 (integrat\$ adj3 (research or review\$ or literature)).tw. (21729)
99 (pool\$ adj2 (analy\$ or data)).tw. (67073)
100 (handsearch\$ or (hand adj3 search\$)).tw. (14238)
101 (manual\$ adj3 search\$).tw. (10639)
102 or/91-101 (1400161)
103 86 and 102 (2420)
104 Observational Study/ (345110)
105 epidemiology/ (247041)
106 exp case control study/ (227928)
107 exp cohort analysis/ (1074788)
108 cross-sectional study/ (593955)
109 Controlled Before-After.mp. (536)
110 Historically Controlled Study.mp. (97)
111 Interrupted Time Series Analysis.mp. (3330)
112 comparative study/ (1034377)
113 case control\$.tw. (213921)
114 case series.tw. (150358)
115 (cohort adj (study or studies)).tw. (477252)
116 cohort analy\$.tw. (19901)
117 (follow up adj (study or studies)).tw. (74553)
118 (observational adj (study or studies)).tw. (261439)
119 longitudinal.tw. (449058)
120 prospective.tw. (1118397)

121 retrospective.tw. (1281971)
122 cross sectional.tw. (696472)
123 or/104-122 (5479813)
124 86 and 123 (7555)
125 *economics/ (27813)
126 "cost"/ (63530)
127 exp *health economics/ (308671)
128 *pharmacoeconomics/ (6172)
129 budget/ (33877)
130 exp economic model/ (3873)
131 Markov chain/ (10613)
132 Monte Carlo method/ (51823)
133 "decision tree"/ (22511)
134 econom\$.tw. (503038)
135 cba.ti. (1301)
136 cea.tw. (41905)
137 cua.tw. (1891)
138 markov\$.tw. (40194)
139 (monte adj carlo).tw. (62086)
140 (decision adj3 (tree\$ or analys\$)).tw. (39281)
141 (cost or costs or costing\$ or costly or costed).tw. (1006629)
142 (price\$ or pricing\$).tw. (73954)
143 budget\$.tw. (47824)
144 expenditure\$.tw. (91930)
145 (value adj3 (money or monetary)).tw. (4360)
146 (pharmacoeconomic\$ or (pharmaco adj economic\$)).tw. (9716)
147 or/125-146 (1854694)
148 86 and 147 (2101)
149 90 or 103 or 124 or 148 (12730)
150 limit 149 to yr="2017 -Current" (6629)
151 limit 150 to english language (6563)
152 limit 150 to italian (3)
153 151 or 152 (6566)

Review question 20e

What are the most effective non-pharmacological interventions for supporting cognitive functioning, functional ability and wellbeing in people with Mild Cognitive Impairment?

Number of records per database

Database	Records
Cochrane Database of Systematic Reviews	28
CENTRAL	3553
MEDLINE	2785
Embase	3926
Total (Database)	10292
Total (Database) after removing duplicates	6864

Filters: RCT, systematic review, economic evaluation

Cochrane Library issue 11, 2023

- #1 MeSH descriptor: [Cognitive Dysfunction] this term only 3070
- #2 ((mild NEXT cogniti*) NEAR/3 (dysfunction* or disorder* or impair* or declin* or deteriorat* or decrement*)):ti,ab 4328
- #3 MCI:ti,ab 3589
- #4 #1 OR #2 OR #3 7286
- #5 ((Non-pharma* OR ("non" NEXT pharma*)) NEAR/2 (intervent* OR therap* OR treat* OR stimulat* OR aid* OR techni* OR program* OR care)):ti,ab 3326
- #6 MeSH descriptor: [Sensory Art Therapies] explode all trees 3370
- #7 MeSH descriptor: [Complementary Therapies] this term only 561
- #8 MeSH descriptor: [Counseling] this term only 5865
- #9 MeSH descriptor: [Psychotherapy] this term only 3917
- #10 MeSH descriptor: [Aromatherapy] this term only 400
- #11 MeSH descriptor: [Art Therapy] explode all trees 147
- #12 MeSH descriptor: [Color Therapy] this term only 16
- #13 MeSH descriptor: [Dance Therapy] this term only 125
- #14 MeSH descriptor: [Imagery, Psychotherapy] this term only 575
- #15 MeSH descriptor: [Music Therapy] this term only 1245
- #16 MeSH descriptor: [Narrative Therapy] this term only 55
- #17 MeSH descriptor: [Play Therapy] explode all trees 97
- #18 ((Sensor* OR multisensor* OR complement* OR alternat* OR music* OR sound* OR acoustic* OR audi* OR dance* OR dancing OR play* OR art* OR touch* OR literat* OR read* OR narrative* OR visual* OR vision* OR light* OR colour* OR color* OR environment* OR massage* OR aroma* OR dawn* OR sunshine OR sunlight OR counsel*) NEAR/1 (intervent* OR therap* OR stimulat* OR aid* OR techni* OR train* OR treat* OR counsel* OR program*)):ti,ab 60940
- #19 (snoezelen* OR (senso* NEXT environment*) OR (senso* NEXT room*) OR MSE):ti,ab 314
- #20 (Psychotherap* or psycho-therap* or psychoeducat* or psycho-educat*):ti,ab 14906
- #21 (Aromatherap* or chromatotherap*):ti,ab 1316
- #22 MeSH descriptor: [Massage] this term only 1643
- #23 MeSH descriptor: [Oils, Volatile] this term only 494
- #24 ((Essential or volatile or fragrant) NEAR/1 oil*):ti,ab 1648
- #25 MeSH descriptor: [Cognitive Behavioral Therapy] explode all trees 13126
- #26 MeSH descriptor: [Behavior Therapy] this term only 5788

#27 ((Cognitive* OR cognition* OR behaviour* OR behavior* OR individual*) NEAR/2 (intervent* OR therap* OR stimulat* OR aid* OR techni* OR train* OR skill* OR rehab* OR treat* OR counsel*)):ti,ab 66714

#28 CBT:ti,ab 10768

#29 MeSH descriptor: [Holistic Health] this term only 103

#30 ((Validat* or holistic*) NEAR/1 (therap* or method* or techni* or treat* or train* or intervent* or program* or care)):ti,ab 1998

#31 (Memory NEAR/2 (function* or rehab* or therap* or aid* or group* or train* or retraining or support* or stimulation or strateg* or management or managing)):ti,ab 4551

#32 (Reality NEAR/2 orientation):ti,ab 56

#33 Reminiscence*:ti,ab 447

#34 MeSH descriptor: [Occupational Therapy] explode all trees 1030

#35 ((Occupation* or Occ) NEAR/2 (therap* or treat* or care* or medicine*)):ti,ab 3952

#36 (OT or ergotherap*):ti,ab 1769

#37 MeSH descriptor: [Language Therapy] this term only 283

#38 MeSH descriptor: [Speech Therapy] this term only 420

#39 ((Speech or talk* or language*) NEAR/2 (intervent* or therap* or stimulat* or aid* or techni* or train* or treat* or counsel* or method* or program*)):ti,ab 4256

#40 MeSH descriptor: [Activities of Daily Living] this term only 6096

#41 ((Daily NEAR/2 (life or living) NEAR/2 activi*)):ti,ab 12001

#42 ADL:ti,ab 4531

#43 MeSH descriptor: [Exercise Therapy] explode all trees 19822

#44 ((Exercis* or kinesiotherap* or kinesiolo* or physical* or sport*) NEAR/1 (therap* or treat* or intervent* or medicin* or educat*)):ti,ab 27936

#45 ((walk* or swim* or jog* or cycling or bicycl* or treadmill* or gym*) NEAR/1 (therap* or treat* or intervent* or medicin* or educat*)):ti,ab 1223

#46 ((Aerobic OR yoga OR pilates OR "tai chi" OR tai-chi OR taichi OR "tai ji" OR tai-ji OR taiji OR "qi gong" OR qigong OR qi-gong OR "chi kung" OR "ch i-kung" OR chikung OR ch-i-kung) NEAR/1 (therap* OR treat* OR intervent* OR medicin* OR educat*)):ti,ab 2389

#47 (Wii fit or Kinect):ti,ab 754

#48 MeSH descriptor: [Animal Assisted Therapy] 3 tree(s) exploded 121

#49 ((Animal* or pet or pets or dog or dogs or cat or cats*) NEAR/2 (therap* or treat* or intervent*)):ti,ab 1633

#50 MeSH descriptor: [Patient Education as Topic] this term only 10019

#51 MeSH descriptor: [Social Support] this term only 4224

#52 MeSH descriptor: [Self-Help Groups] this term only 820

#53 MeSH descriptor: [Self Care] this term only 5438

#54 ((Selfhelp* OR self-help* OR ("self" NEXT help*) OR selfcar* OR self-car* OR ("self" NEXT car*) OR self-manag* OR ("self" NEXT manag*) OR support*) NEAR/2 (group* OR car*)):ti,ab 19805

#55 ((patient* OR parent* OR famil* OR relative* OR carer* OR caregiver* OR care-giver* OR spous* OR husband* OR wife* OR wive* OR partner* OR consumer*) NEAR/2 (advis* OR advice* OR counsel* OR educat* OR communicat* OR informat* OR learn* OR lesson* OR librar* OR material* OR need* OR promot* OR resource* OR selfhelp* OR self-help* OR ("self" NEXT help*) OR selfcar* OR self-car* OR ("self" NEXT car*) OR self-manag* OR ("self" NEXT manag*) OR support* OR teach* OR tool* OR train* OR tutorial*)):ti 9463

#56 MeSH descriptor: [Internet] explode all trees 6250

#57 MeSH descriptor: [Social Networking] explode all trees 196

#58 MeSH descriptor: [Electronic Mail] 2 tree(s) exploded 411

#59 MeSH descriptor: [Text Messaging] 2 tree(s) exploded 1514

#60 MeSH descriptor: [Hotlines] explode all trees 195

#61 Patient Education Handout 177

#62 MeSH descriptor: [Patient Education Handout] explode all trees 0

#63 MeSH descriptor: [Pamphlets] 1 tree(s) exploded 0

#64 ((app OR apps OR blog* OR email* OR e-mail* OR ("e" NEXT mail*) OR facebook OR forum* OR podcast* OR "social media" OR ("social" NEXT network*) OR sms OR ("text" NEXT messag*) OR twitter OR tweet* OR video* OR web* OR smartphone* OR ("smart" NEXT phone*) OR tablet* OR iPad* OR iPhone* OR Skype* OR FaceTime*) NEAR/2 (dementi* OR pseudodementia OR alzheimer* OR alzeimer*)):ti,ab 68

#65 MeSH descriptor: [Bibliotherapy] explode all trees 143
 #66 bibliotherap*:ti,ab 298
 #67 ((book* OR information*) NEAR/2 prescription*):ti 20
 #68 MeSH descriptor: [Self-Help Devices] this term only 181
 #69 ((Assistive* OR automat* OR medicine OR medication OR locate* OR track* OR move* OR alarm* OR safe OR safer OR safety OR communit* OR shut-off OR switch-off) NEAR/2 (technolog* OR device* OR system* OR prompt* OR remind* OR monitor* OR detect* OR sensor* OR dispenser* OR aid OR aids OR solution* OR multicomponent*)):ti,ab 16070
 #70 (Clock* OR calendar* OR noticeboard* OR ("notice" NEXT board*) OR notices OR ("sticky" NEXT note*) OR post-it-note* OR ("dossette" NEXT box*) OR ("blister" NEXT pack*)):ti,ab 4682
 #71 (telecare* OR ("remote" NEXT monitor*) OR ("video" NEXT confer*) OR ("phone" NEXT block*)):ti,ab 1866
 #72 (panic NEAR/2 (button* OR switch* OR alarm*)):ti,ab 3
 #73 ((Environment* OR home* OR (house* NEXT "of" NEXT flat*) OR apartment* OR cottage* OR bungalow*) NEAR/2 (modificat* OR alter* OR adjust* OR adapt* OR revise*)):ti,ab 956
 #74 ((light* NEAR/2 tim*) OR ("water isolation" NEXT device*) OR ("special" NEXT plugs*) OR ("fall" NEXT sensor*)):ti,ab 394
 #75 MeSH descriptor: [Communication] this term only 3155
 #76 (Communicat* NEAR/2 (train* OR aid* OR aids OR technolog* OR device* OR system* OR prompt* OR remind*)):ti,ab 2227
 #77 ((Adapt* NEAR/2 phone*) OR ("cue" NEXT card*) OR (talk* NEXT mat*)):ti,ab 34
 #78 MeSH descriptor: [Phototherapy] explode all trees 4462
 #79 (photo OR photos OR photograph OR photographs OR picture* OR puzzle* OR game* OR (sensor* NEXT stimulat*) OR (mental* NEXT stimulat*) OR ("brain" NEXT train*)):ti,ab 22030
 #80 ((Multicomponent* OR multi-component* OR multifacet* OR multi-facet*) NEAR/2 (intervention* OR education* OR support* OR car* OR information*)):ti,ab 3120
 #81 MeSH descriptor: [Case Management] explode all trees 905
 #82 ((case NEXT manage*) OR (care NEXT manage*)):ti,ab 2968
 #83 MeSH descriptor: [Life Change Events] explode all trees 500
 #84 (("life" NEXT review*) OR ("life" NEXT event*) OR ("life" NEXT stor* NEXT book*)):ti,ab 1254
 #85 MeSH descriptor: [Vitamins] explode all trees 5776
 #86 ((Vitamin* NEXT supplement*) OR (herbal* NEXT remed*)):ti,ab 1473
 #87 (Diet* NEAR/2 manage*):ti,ab 839
 #88 Souvenaid*:ti,ab 69
 #89 {OR #5-#88} 294232
 #90 #4 AND #89 3589
 #91 #4 AND #89 with Publication Year from 1999 to present, in Trials 3553
 #92 #4 AND #89 in Cochrane Reviews 28

Database: Ovid MEDLINE(R) ALL <1946 to November 22, 2023>

Search Strategy:

- 1 Cognitive Dysfunction/ (37524)
- 2 (mild cogniti* adj3 (dysfunction* or disorder* or impair* or declin* or deteriorat* or decrement*)):ti,ab,kf. (26195)
- 3 MCI.ti,ab. (23594)
- 4 1 or 2 or 3 (59485)
- 5 ((Non-pharma* or non pharma*) adj2 (intervent* or therap* or treat* or stimulat* or aid* or techni* or program* or care)).tw. (10808)
- 6 exp Sensory Art Therapies/ (55616)
- 7 Complementary Therapies/ (18317)
- 8 Counseling/ (40087)
- 9 psychotherapy/ or aromatherapy/ or art therapy/ or color therapy/ or dance therapy/ or "imagery (psychotherapy)"/ or music therapy/ or narrative therapy/ or play therapy/ (69011)
- 10 ((Sensor* or multisensor* or complement* or alternat* or music* or sound* or acoustic* or audi* or dance* or dancing or play* or art* or touch* or literat* or read* or narrative* or visual* or vision* or light* or colour* or color* or environment* or massage* or aroma* or dawn* or sunshine or sunlight or counsel*) adj1 (intervent* or therap* or

stimulat* or aid* or techni* or train* or treat* or counsel* or program*).tw. (333631)
 11 (snoezelen* or "senso* environment*" or "senso* room*" or MSE).tw. (5012)
 12 (Psychotherap* or psycho-therap* or psychoeducat* or psycho-educat*).tw. (57417)
 13 (Aromatherap* or chromatotherap*).tw. (1659)
 14 Massage/ or Oils, Volatile/ (23723)
 15 ((Essential or volatile or fragrant) adj1 oil*).tw. (25419)
 16 exp Cognitive Therapy/ or behavior therapy/ (66678)
 17 ((Cognitive* or cognition* or behaviour* or behavior* or individual*) adj2 (intervent* or therap* or stimulat* or aid* or techni* or train* or skill* or rehab* or treat* or counsel*)).tw. (178963)
 18 CBT.tw. (14656)
 19 Holistic Health/ (8021)
 20 ((Validat* or holistic*) adj1 (therap* or method* or techni* or treat* or train* or intervent* or program* or care)).tw. (25971)
 21 (Memory adj2 (function* or rehab* or therap* or aid* or group* or train* or retraining or support* or stimulation or strateg* or management or managing)).tw. (24572)
 22 (Reality adj2 orientation).tw. (253)
 23 Reminiscence*.tw. (2539)
 24 Occupational Therapy/ (15056)
 25 ((Occupation* or Occ) adj2 (therap* or treat* or care* or medicine*)).tw. (23428)
 26 (OT or ergotherap*).tw. (21182)
 27 language therapy/ or speech therapy {Including Related Terms} (9234)
 28 ((Speech or talk* or language*) adj2 (intervent* or therap* or stimulat* or aid* or techni* or train* or treat* or counsel* or method* or program*)).tw. (19675)
 29 "Activities of Daily Living"/ (73720)
 30 (Daily adj2 (life or living) adj2 activi*).tw. (42609)
 31 ADL.tw. (13376)
 32 exp *Exercise Therapy/ (44030)
 33 ((Exercis* or kinesiotherap* or kinesiol* or physical* or sport*) adj1 (therap* or treat* or intervent* or medicin* or educat*)).tw. (68738)
 34 ((walk* or swim* or jog* or cycling or bicycl* or treadmill* or gym*) adj1 (therap* or treat* or intervent* or medicin* or educat*)).tw. (1551)
 35 ((Aerobic or yoga or pilates or tai chi or tai-chi or taichi or tai ji or tai-ji or taiji or qi gong or qigong or qi-gong or chi kung or ch i-kung or chikung or ch-i-kung) adj1 (therap* or treat* or intervent* or medicin* or educat*)).tw. (2632)
 36 (Wii fit or Kinect).tw. (1741)
 37 Animal Assisted Therapy/ (558)
 38 ((Animal* or pet or pets or dog or dogs or cat or cats*) adj2 (therap* or treat* or intervent*)).tw. (84731)
 39 *Patient Education as Topic/ (40913)
 40 *Social Support/ (29195)
 41 Self-Help Groups/ (9622)
 42 Self Care/ (36242)
 43 ((Selfhelp\$ or self-help\$ or self help\$ or selfcar\$ or self-car\$ or self car\$ or self-manag\$ or self manag\$ or support\$) adj2 (group\$ or car\$)).tw. (99774)
 44 ((patient\$ or parent\$ or famil\$ or relative\$ or carer\$ or caregiver\$ or care-giver\$ or spous\$ or husband\$ or wife\$ or wive\$ or partner\$ or consumer\$) adj2 (advis\$ or advice\$ or counsel\$ or educat\$ or communicat\$ or informat\$ or learn\$ or lesson\$ or librar\$ or material\$ or need\$ or promot\$ or resource\$ or selfhelp\$ or self-help\$ or self help\$ or selfcar\$ or self-car\$ or self car\$ or self-manag\$ or self manag\$ or support\$ or teach\$ or tool\$ or train\$ or tutorial\$)).ti. (50012)
 45 exp Internet/ (98841)
 46 Social Networking/ (5516)
 47 Electronic mail/ (2990)
 48 Text messaging/ (4594)
 49 Hotlines/ (2954)
 50 Patient Education Handout/ (5704)
 51 Pamphlets/ (4138)

52 ((app or apps or blog* or email* or e-mail* or e mail* or facebook or forum* or podcast* or social media or social network* or sms or text messag* or twitter or tweet* or video* or web* or smartphone* or smart phone* or tablet* or iPad* or iPhone* or Skype* or FaceTime*) adj2 (dementi* or pseudodementia or alzheimer* or alzeimer*)).tw. (523)

53 Bibliotherapy/ (438)

54 bibliotherap\$.tw. (471)

55 ((book\$ or information\$) adj2 prescription\$).ti. (155)

56 Self-Help Devices/ (5771)

57 ((Assistive* or automat* or medicine or medication or locate* or track* or move* or alarm* or safe or safer or safety or communit* or shut-off or switch-off) adj2 (technolog* or device* or system* or prompt* or remind* or monitor* or detect* or sensor* or dispenser* or aid or aids or solution* or multicomponent*)).tw. (123452)

58 (Clock* or calendar* or noticeboard* or notice board* or notices or sticky note* or post-it-note* or dossette box* or blister pack*).tw. (61090)

59 (telecare* or remote monitor* or video confer* or phone block*).tw. (6423)

60 (panic adj2 (button* or switch* or alarm*)).tw. (55)

61 ((Environment* or home* or house* of flat* or apartment* or cottage* or bungalow*) adj2 (modificat* or alter* or adjust* or adapt* or revise*)).tw. (25516)

62 ((light* adj2 tim*) or water isolation device* or special plugs* or fall sensor*).tw. (4139)

63 *Communication/ (42579)

64 (Communicat* adj2 (train* or aid* or aids or technolog* or device* or system* or prompt* or remind*)).tw. (26627)

65 ((Adapt* adj2 phone*) or cue card* or talk* mat*).tw. (191)

66 exp Phototherapy/ (54326)

67 (photo or photos or photograph or photographs or picture* or puzzle* or game* or "sensor* stimulat*" or "mental* stimulat*" or "brain train*").tw. (321413)

68 ((Multicomponent* or multi-component* or multifacet* or multi-facet*) adj2 (intervention* or education* or support* or car* or information*)).tw. (6586)

69 Case Management/ (10680)

70 ("case manage*" or "care manage").tw. (15410)

71 *Life Change Events/ (11014)

72 ("life review*" or "life event*" or "life stor* book*").tw. (17785)

73 exp Vitamins/ (355602)

74 (Vitamin* supplement* or herbal* remed*).tw. (6900)

75 (Diet* adj2 manage*).tw. (3928)

76 Souvenaid*.tw. (42)

77 or/5-76 (2394761)

78 4 and 77 (11555)

79 Meta-Analysis as Topic/ (23550)

80 meta analy\$.tw. (285790)

81 metaanaly\$.tw. (2642)

82 Meta-Analysis/ (190519)

83 (systematic adj (review\$1 or overview\$1)).tw. (308626)

84 exp Review Literature as Topic/ (23990)

85 or/79-84 (477524)

86 cochrane.ab. (141294)

87 embase.ab. (162789)

88 (psychlit or psyclit).ab. (917)

89 (psychinfo or psycinfo).ab. (61559)

90 (cinahl or cinhal).ab. (48592)

91 science citation index.ab. (3860)

92 bids.ab. (703)

93 cancerlit.ab. (638)

94 or/86-93 (258811)

95 reference list\$.ab. (22698)

96 bibliograph\$.ab. (23152)
97 hand-search\$.ab. (8754)
98 relevant journals.ab. (1373)
99 manual search\$.ab. (6296)
100 or/95-99 (55960)
101 selection criteria.ab. (36891)
102 data extraction.ab. (34178)
103 101 or 102 (68335)
104 Review/ (3241288)
105 103 and 104 (36126)
106 85 or 94 or 100 or 105 (570084)
107 Comment/ or Letter/ or Editorial/ (2207822)
108 106 not 107 (550407)
109 78 and 108 (1097)
110 Animals/ not Humans/ (5139672)
111 109 not 110 (1093)
112 Randomized Controlled Trials as Topic/ (165492)
113 randomized controlled trial/ (603937)
114 Random Allocation/ (107042)
115 Double Blind Method/ (176733)
116 Single Blind Method/ (33084)
117 clinical trial/ (539104)
118 clinical trial, phase i.pt. (25390)
119 clinical trial, phase ii.pt. (40532)
120 clinical trial, phase iii.pt. (22207)
121 clinical trial, phase iv.pt. (2458)
122 controlled clinical trial.pt. (95471)
123 randomized controlled trial.pt. (603937)
124 multicenter study.pt. (340282)
125 clinical trial.pt. (539104)
126 exp Clinical Trials as topic/ (386292)
127 or/112-126 (1585044)
128 (clinical adj trial\$).tw. (494156)
129 ((singl\$ or doubl\$ or treb\$ or tripl\$) adj (blind\$3 or mask\$3)).tw. (201037)
130 PLACEBOS/ (35934)
131 placebo\$.tw. (251354)
132 randomly allocated.tw. (37391)
133 (allocated adj2 random\$).tw. (41230)
134 or/128-133 (803028)
135 127 or 134 (1944986)
136 case report.tw. (409941)
137 letter/ or historical article/ (1598030)
138 136 or 137 (1996309)
139 135 not 138 (1901815)
140 78 and 139 (2366)
141 Animals/ not Humans/ (5139672)
142 140 not 141 (2327)
143 111 or 142 (3096)
144 Economics/ (27517)
145 exp "Costs and Cost Analysis"/ (267430)
146 Economics, Dental/ (1921)
147 exp Economics, Hospital/ (25767)
148 exp Economics, Medical/ (14411)
149 Economics, Nursing/ (4013)

150 Economics, Pharmaceutical/ (3114)
151 Budgets/ (11765)
152 exp Models, Economic/ (16245)
153 Markov Chains/ (16051)
154 Monte Carlo Method/ (32511)
155 Decision Trees/ (12153)
156 econom\$.tw. (415717)
157 cba.tw. (11231)
158 cea.tw. (27241)
159 cua.tw. (1480)
160 markov\$.tw. (32231)
161 (monte adj carlo).tw. (59885)
162 (decision adj3 (tree\$ or analys\$)).tw. (29565)
163 (cost or costs or costing\$ or costly or costed).tw. (759537)
164 (price\$ or pricing\$).tw. (54315)
165 budget\$.tw. (36402)
166 expenditure\$.tw. (69919)
167 (value adj3 (money or monetary)).tw. (3273)
168 (pharmacoeconomic\$ or (pharmaco adj economic\$)).tw. (4551)
169 or/144-168 (1462054)
170 78 and 169 (536)
171 143 or 170 (3431)
172 limit 171 to italian (0)
173 limit 171 to english language (3326)
174 limit 173 to yr="1999 -Current" (3313)

Database: Embase <1974 to 2023 November 22>

Search Strategy:

1 mild cognitive impairment/ (37841)
2 (mild cogniti* adj3 (dysfunction* or disorder* or impair* or declin* or deteriorat* or decrement*)).ti,ab. (38250)
3 MCI.ti,ab. (41967)
4 or/1-3 (65105)
5 ((Non-pharma* or non pharma*) adj2 (intervent* or therap* or treat* or stimulat* or aid* or techni* or program* or care)).tw. (15778)
6 exp art therapy/ (4961)
7 alternative medicine/ (51456)
8 psychotherapy/ or aromatherapy/ or color therapy/ or dance therapy/ or guided imagery/ or music therapy/ or narrative therapy/ or play therapy/ (113342)
9 Counseling/ (82465)
10 ((Sensor* or multisensor* or complement* or alternat* or music* or sound* or acoustic* or audi* or dance* or dancing or play* or art* or touch* or literat* or read* or narrative* or visual* or vision* or light* or colour* or color* or environment* or massage* or aroma* or dawn* or sunshine or sunlight or counsel*) adj1 (intervent* or therap* or stimulat* or aid* or techni* or train* or treat* or counsel* or program*)).tw. (468376)
11 (snoezelen* or "senso* environment*" or "senso* room*" or MSE).tw. (6034)
12 (Psychotherap* or psycho-therap* or psychoeducat* or psycho-educat*).tw. (79386)
13 (Aromatherap* or chromatotherap*).tw. (2453)
14 massage/ or essential oil/ (51027)
15 ((Essential or volatile or fragrant) adj1 oil*).tw. (35901)
16 exp Cognitive Therapy/ or behavior therapy/ (108546)
17 ((Cognitive* or cognition* or behaviour* or behavior* or individual*) adj2 (intervent* or therap* or stimulat* or aid* or techni* or train* or skill* or rehab* or treat* or counsel*)).tw. (244979)
18 CBT.tw. (21612)
19 Holistic Health.mp. (1167)
20 ((Validat* or holistic*) adj1 (therap* or method* or techni* or treat* or train* or intervent* or program* or

care)).tw. (38166)

21 (Memory adj2 (function* or rehab* or therap* or aid* or group* or train* or retraining or support* or stimulation or strateg* or management or managing)).tw. (33095)

22 (Reality adj2 orientation).tw. (332)

23 Reminiscence*.tw. (2327)

24 occupational therapy/ (26706)

25 ((Occupation* or Occ) adj2 (therap* or treat* or care* or medicine*)).tw. (34411)

26 (OT or ergotherap*).tw. (20912)

27 speech therapy/ or language therapy/ (16571)

28 ((Speech or talk* or language*) adj2 (intervent* or therap* or stimulat* or aid* or techni* or train* or treat* or counsel* or method* or program*)).tw. (28854)

29 daily life activity/ (116465)

30 (Daily adj2 (life or living) adj2 activi*).tw. (60920)

31 ADL.tw. (21698)

32 exp kinesiotherapy/ (101291)

33 ((Exercis* or kinesiotherap* or kinesiol* or physical* or sport*) adj1 (therap* or treat* or intervent* or medicin* or educat*)).tw. (103212)

34 ((walk* or swim* or jog* or cycling or bicycl* or treadmill* or gym*) adj1 (therap* or treat* or intervent* or medicin* or educat*)).tw. (2308)

35 ((Aerobic or yoga or pilates or tai chi or tai-chi or taichi or tai ji or tai-ji or taiji or qi gong or qigong or qi-gong or chi kung or ch i-kung or chikung or ch-i-kung) adj1 (therap* or treat* or intervent* or medicin* or educat*)).tw. (3593)

36 (Wii fit or Kinect).tw. (2346)

37 animal assisted therapy/ (815)

38 ((Animal* or pet or pets or dog or dogs or cat or cats*) adj2 (therap* or treat* or intervent*)).tw. (113694)

39 *patient education/ (31754)

40 *social support/ (26754)

41 self help/ (14895)

42 self care/ (77035)

43 ((Selfhelp\$ or self-help\$ or self help\$ or selfcar\$ or self-car\$ or self car\$ or self-manag\$ or self manag\$ or support\$) adj2 (group\$ or car\$)).tw. (148088)

44 ((patient\$ or parent\$ or famil\$ or relative\$ or carer\$ or caregiver\$ or care-giver\$ or spous\$ or husband\$ or wife\$ or wive\$ or partner\$ or consumer\$) adj2 (advis\$ or advice\$ or counsel\$ or educat\$ or communicat\$ or informat\$ or learn\$ or lesson\$ or librar\$ or material\$ or need\$ or promot\$ or resource\$ or selfhelp\$ or self-help\$ or self help\$ or selfcar\$ or self-car\$ or self car\$ or self-manag\$ or self manag\$ or support\$ or teach\$ or tool\$ or train\$ or tutorial\$)).ti. (63933)

45 exp Internet/ (130953)

46 social network/ (24613)

47 e-mail/ (31355)

48 text messaging/ (7820)

49 hotline/ (673)

50 patient education/ (126516)

51 Pamphlets.mp. (1784)

52 ((app or apps or blog* or email* or e-mail* or e mail* or facebook or forum* or podcast* or social media or social network* or sms or text messag* or twitter or tweet* or video* or web* or smartphone* or smart phone* or tablet* or iPad* or iPhone* or Skype* or FaceTime*) adj2 (dementi* or pseudodementia or alzheimer* or alzeimer*)).tw. (679)

53 bibliotherapy/ (337)

54 bibliotherap\$.tw. (598)

55 ((book\$ or information\$) adj2 prescription\$).ti. (182)

56 Self-Help Devices/ (2916)

57 ((Assistive* or automat* or medicine or medication or locate* or track* or move* or alarm* or safe or safer or safety or communit* or shut-off or switch-off) adj2 (technolog* or device* or system* or prompt* or remind* or monitor* or detect* or sensor* or dispenser* or aid or aids or solution* or multicomponent*)).tw. (170295)

58 (Clock* or calendar* or noticeboard* or notice board* or notices or sticky note* or post-it-note* or dossette box*

or blister pack*).tw. (79217)

59 (telecare* or remote monitor* or video confer* or phone block*).tw. (10348)

60 (panic adj2 (button* or switch* or alarm*)).tw. (72)

61 ((Environment* or home* or house* of flat* or apartment* or cottage* or bungalow*) adj2 (modificat* or alter* or adjust* or adapt* or revise*)).tw. (29178)

62 ((light* adj2 tim*) or water isolation device* or special plugs* or fall sensor*).tw. (4805)

63 *interpersonal communication/ (51241)

64 (Communicat* adj2 (train* or aid* or aids or technolog* or device* or system* or prompt* or remind*)).tw. (31234)

65 ((Adapt* adj2 phone*) or cue card* or talk* mat*).tw. (262)

66 exp phototherapy/ (117183)

67 (photo or photos or photograph or photographs or picture* or puzzle* or game* or "sensor* stimulat*" or "mental* stimulat*" or "brain train*").tw. (386133)

68 ((Multicomponent* or multi-component* or multifacet* or multi-facet*) adj2 (intervention* or education* or support* or car* or information*)).tw. (8109)

69 case management/ (13785)

70 ("case manage*" or "care manage").tw. (20305)

71 *life event/ (11142)

72 ("life review*" or "life event*" or "life stor* book*").tw. (22942)

73 exp vitamin/ (754163)

74 (Vitamin* supplement* or herbal* remed*).tw. (10170)

75 (Diet* adj2 manage*).tw. (5701)

76 Souvenaid*.tw. (146)

77 or/5-76 (3524397)

78 4 and 77 (12660)

79 "meta analysis (topic)"/ (54160)

80 meta analy\$.tw. (359158)

81 metaanaly\$.tw. (12692)

82 meta analysis/ (297267)

83 "systematic review (topic)"/ (33187)

84 (systematic adj (review\$1 or overview\$1)).tw. (370346)

85 or/79-84 (638588)

86 cochrane.ab. (177632)

87 embase.ab. (200941)

88 (psychlit or psyclit).ab. (1010)

89 (psychinfo or psycinfo).ab. (58282)

90 (cinahl or cinhal).ab. (56213)

91 science citation index.ab. (4423)

92 bids.ab. (877)

93 cancerlit.ab. (755)

94 or/86-93 (306632)

95 reference list\$.ab. (26691)

96 bibliograph\$.ab. (29677)

97 hand-search\$.ab. (10661)

98 relevant journals.ab. (1622)

99 manual search\$.ab. (7328)

100 or/95-99 (68597)

101 selection criteria.ab. (45803)

102 data extraction.ab. (41177)

103 101 or 102 (84235)

104 "review"/ (2954018)

105 103 and 104 (36712)

106 85 or 94 or 100 or 105 (744908)

107 editorial/ or letter/ (1971307)

108 106 not 107 (720463)
109 78 and 108 (995)
110 Animals/ not Humans/ (1082377)
111 109 not 110 (994)
112 "randomized controlled trial (topic)"/ (265954)
113 randomized controlled trial/ (793462)
114 randomization/ (99010)
115 double blind procedure/ (212684)
116 single blind procedure/ (52461)
117 clinical trial/ (1075596)
118 phase 1 clinical trial/ (72072)
119 phase 2 clinical trial/ (108445)
120 phase 3 clinical trial/ (70650)
121 phase 4 clinical trial/ (5503)
122 randomized controlled trial/ (793462)
123 multicenter study/ (378848)
124 "clinical trial (topic)"/ (128767)
125 or/112-124 (2267717)
126 (clinical adj trial\$.tw. (708011)
127 ((singl\$ or doubl\$ or treb\$ or tripl\$) adj (blind\$3 or mask\$3)).tw. (283953)
128 placebo/ (405202)
129 placebo\$.tw. (370673)
130 randomly allocated.tw. (46171)
131 (allocated adj2 random\$).tw. (50779)
132 or/126-131 (1266617)
133 125 or 132 (2782477)
134 case report.tw. (549580)
135 letter/ (1217906)
136 134 or 135 (1756889)
137 133 not 136 (2719655)
138 78 and 137 (3023)
139 111 or 138 (3527)
140 Animals/ not Humans/ (1082377)
141 139 not 140 (3524)
142 *economics/ (27813)
143 "cost"/ (63530)
144 exp *health economics/ (308671)
145 *pharmacoeconomics/ (6172)
146 budget/ (33877)
147 exp economic model/ (3873)
148 Markov chain/ (10613)
149 Monte Carlo method/ (51823)
150 "decision tree"/ (22511)
151 econom\$.tw. (503038)
152 cba.ti. (1301)
153 cea.tw. (41905)
154 cua.tw. (1891)
155 markov\$.tw. (40194)
156 (monte adj carlo).tw. (62086)
157 (decision adj3 (tree\$ or analys\$)).tw. (39281)
158 (cost or costs or costing\$ or costly or costed).tw. (1006629)
159 (price\$ or pricing\$).tw. (73954)
160 budget\$.tw. (47824)
161 expenditure\$.tw. (91930)

162 (value adj3 (money or monetary)).tw. (4360)
163 (pharmacoeconomic\$ or (pharmaco adj economic\$)).tw. (9716)
164 or/142-163 (1854694)
165 78 and 164 (704)
166 111 or 141 or 165 (3951)
167 limit 166 to yr="1999 -Current" (3926)

Review question 21a

What are the most effective pharmacological interventions for managing illness emergent non-cognitive symptoms, such as psychosis, depression, behavioral changes in people living with dementia?

Review question 21b

What are the most effective non-pharmacological interventions for managing illness emergent non-cognitive symptoms, such as psychosis, depression, behavioral changes in people living with dementia?

Number of records per database from 2015 to 29th november 2023

Database	Records
Cochrane Database of Systematic Reviews	54
CENTRAL	2512
MEDLINE	3445
Embase	2720
Total (Database)	8731
Total (Database) after removing duplicates	

Filters: systematic review

Cochrane Library issue 11, 2023

#1	MeSH descriptor: [Dementia] explode all trees	9372
#2	(dementi* OR pseudodementia):ti,ab	15792
#3	(alzheimer* OR alzeimer* OR (cortical NEAR/4 sclerosis)):ti,ab	13028
#4	((encephalopath* OR cogniti* OR neurocogniti*) NEAR/4 (aids OR hiv)):ti,ab	474
#5	((aphasi* NEAR/4 (primary OR progress*)) OR mesulam* OR ppa OR (ftd NEAR/4 temporal)):ti,ab	671
#6	((((creutzfeldt OR jakob*) NEAR/4 (disease OR syndrome)) OR cjd OR (spongiform NEAR/4 encephalopath*) OR "corticostriatospinal degeneration" OR (pseudosclerosis NEAR/4 spastic)):ti,ab	64
#7	(binswanger* OR ((subcortic* OR arterisclerotic) NEAR/4 (encephalopath* OR leukoencephalopath*)) OR cadasil*):ti,ab	46
#8	((kosaka NEAR/2 shibayama) OR (neurofibrillary NEXT tangle*) OR dntc):ti,ab	82
#9	(((((frontotemporal OR (fronto NEXT temporal) OR (corticobasal OR (cortico NEXT basal) OR (frontal NEXT lobe))) NEAR/4 (degenerati* OR dysfunction)) OR ftld OR ftlds OR ftd OR ftds):ti,ab	369
#10	(pick* NEAR/1 (complex OR disease* OR syndrome)):ti,ab OR ((wilhemsen NEAR/1 lynch) OR ddpac OR (lob* NEAR/4 atroph*)):ti,ab	123
#11	(huntington* OR ((progressive OR major OR juvenile OR hereditary) NEAR/4 chorea)):ti,ab	763
#12	(((((kluver OR kluever) NEAR/4 bucy) OR ((("temporal lobectomy" NEAR/4 behavi*) OR ("temporal lobe" NEAR/4 dysfunction))):ti,ab	14
#13	((lewy NEXT bod*) OR dlb OR lbd OR dlbd):ti,ab	543
#14	((senile NEXT confusion) OR (senile NEXT psychosis) OR senilit*):ti,ab	55
#15	MeSH descriptor: [Tauopathies] this term only	14
#16	tauopath*:ti,ab	55
#17	cerad:ti,ab	148
#18	Posterior NEXT cortic* NEXT atroph*	17
#19	sivd:ti,ab	16
#20	{OR #1-#19}	26356
#21	MeSH descriptor: [Depressive Disorder] explode all trees	15378

#22 (DEPRESS* OR MELANCHOL* OR PARAPHRENI* OR DYSTHMI* OR DYS*ORI*):TI,AB 102470

#23 SEASONAL NEAR/2 DISORDER*:TI,AB 352

#24 (UNIPOLAR NEXT DISORDER*):ti,ab 29

#25 ((MOURNING OR PERRY*) NEAR/1 SYNDROME*):TI,AB 0

#26 MeSH descriptor: [Schizophrenia Spectrum and Other Psychotic Disorders] explode all trees 12275

#27 (PSYCHOTIC* OR PSYCHOS?S OR ENCEPHALOPSYCHOS?S):TI,AB 9890

#28 (SCHIZOAFFECTIVE OR "SCHIZO AFFECTIVE"):TI,AB 1958

#29 (SCHIZOPHRENI* OR HEBREPHRENI*):TI,AB 18601

#30 MeSH descriptor: [Anxiety Disorders] explode all trees 9290

#31 (ANXIET* OR NEUROS?S OR NEUROTIC OR PSYCHONEUROSIS OR PHOBIA* OR PHOBIC):TI,AB 67219

#32 NEUROCIRCULAT* NEAR/1 (ASTHENIA OR DYSTONIA):TI,AB 8

#33 EFFORT NEAR/1 SYNDROME*:TI,AB 2

#34 HYPERKINETIC NEAR/1 HEART:TI,AB 16

#35 (CARDIONEUROSIS OR CARDIOPHOBIA):TI,AB 1

#36 DA COSTA SYNDROME*:TI,AB 224

#37 ("FUNCTIONAL HEART COMPLAINT" OR "NEUROGENIC HEART" OR "SOLDIER HEART"):TI,AB 2

#38 CATASTROPHI*:TI,AB 2566

#39 (KORO OR COTHYMIA):TI,AB 5

#40 OBSESSI* NEAR/1 COMPULSI*:TI,AB 3305

#41 (OBSESSIVE NEXT SYNDROME* OR OCD):TI,AB 1966

#42 ANAKASTIC NEAR/1 PERSONALIT*:TI,AB 0

#43 COMPULSI* NEAR/1 BEHAVI*:TI,AB 161

#44 REPETIT* NEAR/1 (BEHAVI* OR COMPULSI*):TI,AB 384

#45 HOARD*:TI,AB 104

#46 PANIC NEAR/2 (ATTACK* OR DISORDER*):TI,AB 2495

#47 (AGOROPHOBI* OR CLAUSTROPHOBI* OR NEOPHOBI*):TI,AB 277

#48 STRESS NEAR/1 (DISORDER* OR TRAUMATIC):TI,AB 6166

#49 PSYCHASTHERIA:TI,AB 0

#50 MeSH descriptor: [Psychomotor Agitation] this term only 1033

#51 MeSH descriptor: [Akathisia, Drug-Induced] explode all trees 220

#52 (AGITAT* OR DISTRESS* OR A?ATHISIA OR HYPERACTIV* OR RESTLESS* OR PSEUDO?ATHISIA OR (PSYCHOMOTOR NEAR/1 EXCITEMENT)):TI,AB 42543

#53 MeSH descriptor: [Aggression] explode all trees 1888

#54 MeSH descriptor: [Violence] explode all trees 2484

#55 (AGGRESSI* OR AGONISTIC OR ANTAGONIST* OR HOSTIL* OR VIOLENT* OR VIOLENCE* OR ASSAULT*):TI,AB 48144

#56 MeSH descriptor: [Sleep Initiation and Maintenance Disorders] explode all trees 3374

#57 (INSOMNIA* OR DIMS OR SLEEPLESSNESS OR AGRYPIA OR HYPOSOMNIA OR (EARLY NEAR/1 AWAKE*)):TI,AB 11208

#58 (SLEEP NEAR/4 (DISORDER* OR DYSFUNCTION* OR CONDITION* OR COMPLAINT* OR SYMPTOM*)):TI,AB 9910

#59 MeSH descriptor: [Inhibition, Psychological] explode all trees 743

#60 (DISINHIBIT* OR UNINHIBIT*):TI,AB 806

#61 MeSH descriptor: [Sexual Behavior] this term only 2726

#62 (SEX* NEAR/4 (INAPPROPRIATE* OR DISINHIBIT* OR INHIBIT*)):TI,AB 187

#63 MeSH descriptor: [Anorexia Nervosa] this term only 735

#64 MeSH descriptor: [Anorexia] explode all trees 1001

#65 ANOREXI*:TI,AB 3909

#66 MeSH descriptor: [Delusions] this term only 203

#67 DELUSION*:TI,AB 1289

#68 MeSH descriptor: [Hallucinations] this term only 437

#69 HALLUCINATI*:TI,AB 2000

#70 (HYPOREXI* OR ((LOSS OR REDUC* OR SLOW* OR DECLIN* OR CEASE* OR DECREASE* OR FAIL* OR WEAK* OR DETERIORAT*) NEAR/4 APPETITE*)):TI,AB 3249

#71 MeSH descriptor: [Apathy] this term only 181

#72 APATH*:TI,AB 1071

#73 {OR #21-#72} 254358

#74 MeSH descriptor: [Antipsychotic Agents] explode all trees 5694

#75 (ANTIPSYCHOTI* OR NEUROLEPTIC* OR TRANQUILI*):TI,AB 10707

#76 MeSH descriptor: [Cholinesterase Inhibitors] explode all trees 1129

#77 ((CHOLINESTERASE* OR ACETYLCHOLINESTERAS*) NEAR/2 (INHIBITOR* OR BLOCK*)):TI,AB 1436

#78 (CHEI* OR ACHEI*):TI,AB 583

#79 (DONEPEZIL OR ARICEPT* OR ASENTA OR ERANZ OR MEMAC OR MEMORIT):TI,AB 1799

#80 MeSH descriptor: [Galantamine] this term only 264

#81 (GALANTAMIN* OR REMINYL* OR LYCOREMIN* OR GALANTHAMINE OR NIVALIN* OR RAZADYNE OR JILKON):TI,AB 647

#82 (RIVASTIGMIN* OR EXELON* OR NIMVASTID OR PROMETAX):TI,AB 730

#83 MeSH descriptor: [Memantine] this term only 486

#84 (MEMANTIN* OR AXURA OR NAMENDA OR EBIX* OR MARUXA* OR NEMDATINE* OR AKATINOL):ti,ab 1358

#85 MeSH descriptor: [Carbamazepine] this term only 893

#86 (CARBAMAZEPINE OR AMIZEPIN* OR CARBAZEPINE OR EPITOL OR FINLEPSIN OR NEURTOL OR TEGRETOL OR CARBATROL):TI,AB 1842

#87 MeSH descriptor: [Valproic Acid] this term only 1060

#88 (VALPROIC OR VALPROATE OR CONVULSOFIN OR DEPAKOTE OR CONVULEX OR DEPAK?NE OR "DIPROPYL ACETATE" OR DIVALPROEX OR ERGENYL OR "PROPYLISOPROPYLACETIC ACID" OR VUPRAL OR DEPACON OR EPILIM):TI,AB 2675

#89 MeSH descriptor: [Lithium Carbonate] this term only 468

#90 MeSH descriptor: [Lithium] this term only 731

#91 MeSH descriptor: [Lithium Compounds] this term only 187

#92 MeSH descriptor: [Lithium Chloride] this term only 28

#93 (LITHIUM OR DILITHIUM OR ESKALITH* OR LITHANE OR LITHOBID OR LITHONATE OR LITHOTABS OR MICALITH OR PRIADEL OR QUILINORM* OR CAMCOLIT OR LISKONUM OR LITAREX OR LI-LIQUID):TI,AB 3050

#94 (LAMOTRIGINE OR LAMICTAL OR LABILENO OR LAMEPIL OR LAMICTIN OR LAMODEX OR LAMOGINE OR LAMOTRIX OR NEURIUM):TI,AB 1201

#95 (ASENAPINE OR SYCREST OR SAPHRIS):TI,AB 193

#96 MeSH descriptor: [Antidepressive Agents] explode all trees 7040

#97 (ANTIDEPRESS* OR THYMOANALEPTIC* OR THYMOLPTIC* OR NEUROTHYMOLPTIC* OR THYMOLYTIC*):TI,AB 15513

#98 MeSH descriptor: [Anti-Anxiety Agents] explode all trees 2340

#99 (ANTI-ANXIETY OR ANTI ANXIETY OR ANTIANXIETY OR ANXIOLYTIC* OR ANTIMANIC* OR ANTIPSYCHOTIC* OR ATARACTIC):TI,AB 13029

#100 MeSH descriptor: [Propranolol] this term only 3066

#101 (PROPRANOLOL OR ANAPRILIN* OR AVLOCARDYL OR BETRADEN OR DEXPROPRANOLOL OR DOCITON OR INDERAL OR OB?IDAN OR REXIGEN OR HEMANGEOL OR ANGILOL OR SYPROL):TI,AB 4954

#102 MeSH descriptor: [Hypnotics and Sedatives] explode all trees 4342

#103 (HYPNOTIC* OR SEDATIVE* OR NARCOTIC*):TI,AB 14306

#104 MeSH descriptor: [Therapeutics] explode all trees 414424

#105 (THERAPY OR THERAPIES OR THERAPEUTIC*):TI,AB 471070

#106 MeSH descriptor: [Disease Management] explode all trees 6547

#107 (MANAGE OR MANAGING OR MANAGEMENT OR TREAT*):TI,AB 1026226

#108 ((PHARMACOLOGICAL OR NON-PHARMACOLOGICAL OR NON PHARMACOLOGICAL) NEAR/2 INTERVENTION*):TI,AB 7424

#109 MeSH descriptor: [Rehabilitation] explode all trees 51723

#110 (REHABILIT* OR HABILIT* OR REABLE* OR RE-ABLE* OR READAPT* OR READJUST*):TI,AB 47472

#111 {OR #74-#110} 1321487

#112 #20 AND #73 AND #111 with Cochrane Library publication date from Jan 2016 to present, in Cochrane Reviews 54

#113 #20 AND #73 AND #111 with Publication Year from 2016 to 2022, in Trials 2512

- #114 #20 AND #73 AND #111 with Cochrane Library publication date from Jan 2022 to present, in Cochrane Reviews 18
- #115 #20 AND #73 AND #111 with Publication Year from 2022 to present, in Trials 627

Database: Ovid MEDLINE(R) ALL <1946 to November 29, 2023>

Search Strategy:

- 1 exp Dementia/ (209247)
- 2 (dementi* or pseudodementia).tw. (142027)
- 3 (alzheimer* or alzeimer* or (cortical adj4 sclerosis)).tw. (188357)
- 4 ((encephalopath* or cogniti* or neurocogniti*) adj4 (aids or hiv)).tw. (4562)
- 5 ((aphasi* adj4 (primary or progress*)) or mesulam* or ppa or (ftd adj4 temporal)).tw. (6965)
- 6 (((creutzfeldt or ja?ob*) adj4 (disease or syndrome)) or cjd or (spongiform adj4 encephalopath*) or "corticostriatospinal degeneration" or (pseudosclerosis adj4 spastic)).tw. (11597)
- 7 (binswanger* or ((subcortic* or "sub cortic*" or arterisclerotic) adj4 (encephalopath* or leukoencephalopath*)) or cadasil*).tw. (2613)
- 8 ((kosaka adj2 shibayama) or (neurofibrillary adj1 tangle*) or dntc).tw. (10050)
- 9 (((frontotemporal or (fronto adj temporal) or (corticobasal or (cortico adj basal) or (frontal adj lobe))) adj4 (degenerati* or dysfunction)) or ftld or ftlds or ftd or ftlds).tw. (10811)
- 10 ((pick* adj1 (complex or disease* or syndrome)) or (wilhemsens adj1 lynch) or ddpac or (lob* adj4 atroph*)).tw. (5925)
- 11 (huntington* or ((progressive or major or juvenile or hereditary) adj4 chorea)).tw. (21184)
- 12 (((kluever or kluever) adj4 bu?y) or (("temporal lobectomy" adj4 behavi*) or ("temporal lobe" adj4 dysfunction))).tw. (622)
- 13 ("lewy bod*" or dlb or lbd or dlbd).tw. (14648)
- 14 ("senile confusion" or "senile psychosis" or senilit*).tw. (872)
- 15 Tauopathies/ (2662)
- 16 tauopath*.tw. (5260)
- 17 cerad.tw. (943)
- 18 (Posterior adj cortic* adj atroph*).tw. (553)
- 19 sivd.tw. (179)
- 20 or/1-19 (355058)
- 21 exp Depressive Disorder/ or Depression/ (260174)
- 22 (depress* or melanchol* or paraphreni* or dysthmi* or dys?ori*).tw. (571760)
- 23 (seasonal adj2 disorder*).tw. (1461)
- 24 unipolar disorder*.tw. (324)
- 25 ((mourning or perry*) adj1 syndrome*).tw. (68)
- 26 exp "schizophrenia spectrum and other psychotic disorders"/ (164264)
- 27 (psychotic* or psychos?s or encephalopsychos?s).tw. (78726)
- 28 (schizoaffective or schizo affective).tw. (6605)
- 29 (schizophreni* or hebephreni*).tw. (139993)
- 30 exp Anxiety Disorders/ (91628)
- 31 (anxiet* or neuros?s or neurotic or psychoneurosis or phobia* or phobic).tw. (285530)
- 32 (neurocirculat* adj1 (asthenia or dystonia)).tw. (546)
- 33 (effort adj1 syndrome*).tw. (101)
- 34 (hyperkinetic adj1 heart).tw. (66)
- 35 (cardioneurosis or cardiophobia).tw. (24)
- 36 Da Costa syndrome*.tw. (10)
- 37 (functional heart complaint or neurogenic heart or soldier heart).tw. (39)
- 38 catastroph*.tw. (27095)
- 39 (koro or cothymia).tw. (213)
- 40 (obsessi* adj1 compulsi*).tw. (20980)
- 41 (obsessive syndrome* or ocd).tw. (11871)
- 42 (anakastic adj1 personalit*).tw. (0)
- 43 (compulsi* adj1 behavi*).tw. (1865)

44 (repetit* adj1 (behavi* or compulsi*)).tw. (3905)
 45 hoard*.tw. (2062)
 46 (panic adj2 (attack* or disorder*)).tw. (12373)
 47 (agorophobi* or claustrophobi* or neophobi*)).tw. (1892)
 48 (stress adj1 (disorder* or traumatic)).tw. (45074)
 49 psychastheria.tw. (0)
 50 Psychomotor agitation/ or Akathisia, Drug-Induced/ (7018)
 51 (agitat* or distress* or a?athisia or hyperactiv* or restless* or pseudoa?athisia or (psychomotor adj1 excitement)).tw. (273999)
 52 exp Aggression/ or exp Violence/ (151550)
 53 (aggressi* or agonistic or antagonist* or hostile* or violent* or violence* or assault*).tw. (719274)
 54 "Sleep Initiation and Maintenance Disorders"/ (18014)
 55 (insomnia* or dims or sleeplessness or agrypia or hyposomnia or (early adj1 awake*)).tw. (31026)
 56 (sleep adj4 (disorder* or dysfunction* or condition* or complaint* or symptom*)).tw. (48686)
 57 exp "Inhibition (Psychology)"/ (13237)
 58 (disinhibit* or uninhibit*).tw. (11812)
 59 Sexual Behavior/ (67695)
 60 (sex* adj4 (inappropriate* or disinhibit* or inhibit*)).tw. (3326)
 61 Anorexia Nervosa/ or Anorexia/ (19988)
 62 anorexi*.tw. (38329)
 63 Delusions/ (8189)
 64 delusion*.tw. (12439)
 65 Hallucinations/ (12001)
 66 hallucinati*.tw. (15552)
 67 (hyporexi* or ((loss or reduc* or slow* or declin* or cease* or decrease* or fail* or weak* or deteriorat*) adj4 appetite*)).tw. (10814)
 68 Apathy/ (1682)
 69 apath*.tw. (7943)
 70 or/21-69 (2139049)
 71 exp Antipsychotic Agents/ (129202)
 72 (antipsychotic* or neuroleptic* or tranquili*).tw. (67893)
 73 exp cholinesterase inhibitors/ (55124)
 74 ((Cholinesterase* or acetylcholinesterase*) adj2 (inhibitor* or block*)).tw. (12168)
 75 (ChEI* or AChEI*).tw. (6094)
 76 (donepezil or aricept* or asenta or eranz or memac or memorit).tw. (4560)
 77 Galantamine/ (1707)
 78 (galantamin* or reminy* or lycoremin* or galanthamine or nivalin* or razadyne or jilkon).tw. (2599)
 79 (rivastigmin* or exelon* or nimvastid or prometax).tw. (2026)
 80 memantine/ (2656)
 81 (memantin* or axura or namenda or ebix* or maruxa* or nemdatine* or akatinol).tw. (4103)
 82 Carbamazepine/ (11952)
 83 (carbamazepine or amizepin* or carbazepine or epitol or finlepsin or neurtol or tegretol or carbatrol).tw. (17094)
 84 Valproic Acid/ (14084)
 85 (valproic or valproate or convulsofin or depakote or convulex or depak?ne or "dipropyl acetate" or divalproex or ergenyl or "propylisopropylacetic acid" or vupral or depacon or epilim).tw. (20590)
 86 Lithium Carbonate/ or Lithium/ or Lithium Compounds/ or Lithium Chloride/ (31101)
 87 (lithium or dilithium or eskalith* or lithane or lithobid or lithonate or lithotabs or micalith or priadel or quilinorm* or camcolit or liskonum or litarex or li-liquid).tw. (62670)
 88 (lamotrigine or lamictal or labileno or lamepil or lamictin or lamodex or lamogine or lamotrix or neurium).tw. (6143)
 89 (asenapine or sycrest or saphris).tw. (476)
 90 exp Antidepressive Agents/ (161646)
 91 (antidepress* or thymoanaleptic* or thymoleptic* or neurothymoleptic* or thymolytic*).tw. (78137)
 92 exp Anti-Anxiety Agents/ (71223)

93 (anti-anxiety or anti anxiety or antianxiety or anxiolytic* or antimanic* or antipsychotic* or ataractic).tw. (64837)
 94 Propranolol/ (33046)
 95 (propranolol or anaprilin* or avlocardyl or betraden or dexpropranolol or dociton or inderal or ob?idan or rexigen or hemangeol or angilol or syprol).tw. (34828)
 96 exp "Hypnotics and Sedatives"/ (131232)
 97 (hypnotic* or sedative* or narcotic*).tw. (50536)
 98 exp Therapeutics/ (5274323)
 99 (therapy or therapies or therapeutic*).tw. (3466588)
 100 exp Disease Management/ (84558)
 101 (manage or managing or management or treat*).tw. (7739623)
 102 ((pharmacological or non-pharmacological or non pharmacological) adj2 intervention*).tw. (16116)
 103 exp Rehabilitation/ (356998)
 104 (rehabilit* or habilitat* or reable* or re-able* or readapt* or readjust*).tw. (216192)
 105 or/71-104 (12435381)
 106 70 and 105 (1095609)
 107 20 and 106 (28012)
 108 Meta-Analysis.pt. (190734)
 109 Meta-Analysis as Topic/ (23545)
 110 Review.pt. (3244516)
 111 exp Review Literature as Topic/ (24001)
 112 (metaanaly\$ or metanaly\$ or (meta adj3 analy\$)).tw. (289870)
 113 (review\$ or overview\$).ti. (785658)
 114 (systematic\$ adj5 (review\$ or overview\$)).tw. (337718)
 115 ((quantitative\$ or qualitative\$) adj5 (review\$ or overview\$)).tw. (17819)
 116 ((studies or trial\$) adj2 (review\$ or overview\$)).tw. (67030)
 117 (integrat\$ adj3 (research or review\$ or literature)).tw. (19083)
 118 (pool\$ adj2 (analy\$ or data)).tw. (45569)
 119 (handsearch\$ or (hand adj3 search\$)).tw. (11713)
 120 (manual\$ adj3 search\$).tw. (8897)
 121 or/108-120 (3750300)
 122 animals/ not humans/ (5140750)
 123 121 not 122 (3570252)
 124 107 and 123 (8139)
 125 limit 124 to yr="2016 -Current" (3445)
 126 limit 125 to yr="2022 -Current" (1008)

Database: Embase <1974 to 2023 November 29>

Search Strategy:

1 exp *Dementia/ (267580)
 2 (dementi* or pseudodementia).tw. (203842)
 3 (alzheimer* or alzeimer* or (cortical adj4 sclerosis)).tw. (253446)
 4 ((encephalopath* or cogniti* or neurocogniti*) adj4 (aids or hiv)).tw. (6724)
 5 ((aphasi* adj4 (primary or progress*)) or mesulam* or ppa or (ftd adj4 temporal)).tw. (10103)
 6 (((creutzfeldt or ja?ob*) adj4 (disease or syndrome)) or cjd or (spongiform adj4 encephalopath*) or "corticostriatal degeneration" or (pseudosclerosis adj4 spastic)).tw. (14509)
 7 (binswanger* or ((subcortic* or "sub cortic*" or arteriosclerotic) adj4 (encephalopath* or leukoencephalopath*)) or cadasil*).tw. (3784)
 8 ((kosaka adj2 shibayama) or (neurofibrillary adj1 tangle*) or dntc).tw. (13419)
 9 (((frontotemporal or (fronto adj temporal) or (corticobasal or (cortico adj basal) or (frontal adj lobe))) adj4 (degenerati* or dysfunction)) or ftld or ftlds or ftd or ftlds).tw. (18096)
 10 ((pick* adj1 (complex or disease* or syndrome)) or (wilhemsen adj1 lynch) or ddpac or (lob* adj4 atroph*)).tw. (7893)
 11 (huntington* or ((progressive or major or juvenile or hereditary) adj4 chorea)).tw. (28631)
 12 (((kløver or kluever) adj4 bu?y) or (("temporal lobectomy" adj4 behavi*) or ("temporal lobe" adj4

dysfunction))).tw. (805)

13 ("lewy bod*" or dlb or lbd or dlbd).tw. (21739)

14 ("senile confusion" or "senile psychosis" or senilit*).tw. (948)

15 *tauopathy/ (3102)

16 tauopath*.tw. (8155)

17 cerad.tw. (1768)

18 (Posterior adj cortic* adj atroph*).tw. (970)

19 sivd.tw. (246)

20 or/1-19 (481600)

21 Depression/ (493644)

22 (depress* or melanchol* or paraphreni* or dysthmi* or dys?ori*).tw. (765941)

23 (seasonal adj2 disorder*).tw. (1827)

24 unipolar disorder*.tw. (428)

25 ((mourning or perry*) adj1 syndrome*).tw. (124)

26 exp schizophrenia/ (207590)

27 (psychotic* or psychos?s or encephalopsychos?s).tw. (113203)

28 (schizo affective or schizo affective).tw. (10135)

29 (schizophreni* or hebephreni*).tw. (185903)

30 exp Anxiety Disorder/ (324862)

31 (anxiet* or neuros?s or neurotic or psychoneurosis or phobia* or phobic).tw. (396964)

32 (neurocirculat* adj1 (asthenia or dystonia)).tw. (382)

33 (effort adj1 syndrome*).tw. (63)

34 (hyperkinetic adj1 heart).tw. (85)

35 (cardioneurosis or cardiophobia).tw. (31)

36 Da Costa syndrome*.tw. (9)

37 (functional heart complaint or neurogenic heart or soldier heart).tw. (37)

38 catastroph*.tw. (35807)

39 (koro or cothymia).tw. (243)

40 (obsessi* adj1 compulsi*).tw. (29120)

41 (obsessive syndrome* or ocd).tw. (17505)

42 (anakastic adj1 personalit*).tw. (1)

43 (compulsi* adj1 behavi*).tw. (2941)

44 (repetit* adj1 (behavi* or compulsi*)).tw. (5338)

45 hoard*.tw. (2530)

46 (panic adj2 (attack* or disorder*)).tw. (16562)

47 (agorophobi* or claustrophobi* or neophobi*).tw. (2695)

48 (stress adj1 (disorder* or traumatic)).tw. (55532)

49 psychastheria.tw. (0)

50 restlessness/ or drug-induced akathisia/ (16821)

51 (agitat* or distress* or a?athisia or hyperactiv* or restless* or pseudoa?athisia or (psychomotor adj1 excitement)).tw. (384140)

52 exp Aggression/ or exp Violence/ (290251)

53 (aggressi* or agonistic or antagonist* or hostile* or violent* or violence* or assault*).tw. (956187)

54 Insomnia/ (86682)

55 (insomnia* or dims or sleeplessness or agrypia or hyposomnia or (early adj1 awake*)).tw. (51733)

56 (sleep adj4 (disorder* or dysfunction* or condition* or complaint* or symptom*)).tw. (80273)

57 exp "Inhibition (Psychology)"/ (7938)

58 (disinhibit* or uninhibit*).tw. (15774)

59 Sexual Behavior/ (118238)

60 (sex* adj4 (inappropriate* or disinhibit* or inhibit*)).tw. (4318)

61 Anorexia Nervosa/ or Anorexia/ (96546)

62 anorexi*.tw. (54312)

63 delusion/ (18315)

64 delusion*.tw. (19070)

65 hallucination/ (29718)
 66 hallucinati*.tw. (25438)
 67 (hyporexi* or ((loss or reduc* or slow* or declin* or cease* or decrease* or fail* or weak* or deteriorat*) adj4 appetite*)).tw. (20958)
 68 apathy/ (12397)
 69 apath*.tw. (12636)
 70 or/21-69 (3046901)
 71 exp neuroleptic agent/ (294735)
 72 (antipsychotic* or neuroleptic* or tranquili*).tw. (98376)
 73 exp cholinesterase inhibitors/ (95349)
 74 ((Cholinesterase* or acetylcholinesterase*) adj2 (inhibitor* or block*)).tw. (15878)
 75 (ChEI* or AChEI*).tw. (7987)
 76 (donepezil or aricept* or asenta or eranz or memac or memorit).tw. (7942)
 77 Galantamine/ (8922)
 78 (galantamin* or reminyl* or lycoremin* or galanthamine or nivalin* or razadyne or jilkon).tw. (4245)
 79 (rivastigmin* or exelon* or nimvastid or prometax).tw. (3993)
 80 memantine/ (13090)
 81 (memantin* or axura or namenda or ebix* or maruxa* or nemdatine* or akatinol).tw. (6833)
 82 Carbamazepine/ (72326)
 83 (carbamazepine or amizepin* or carbazepine or epitol or finlepsin or neurtol or tegretol or carbatrol).tw. (26728)
 84 Valproic Acid/ (75546)
 85 (valproic or valproate or convulsofin or depakote or convulex or depak?ne or "dipropyl acetate" or divalproex or ergenyl or "propylisopropylacetic acid" or vupral or depacon or epilim).tw. (33912)
 86 Lithium Carbonate/ or Lithium/ or Lithium Compounds/ or Lithium Chloride/ (79589)
 87 (lithium or dilithium or eskalith* or lithane or lithobid or lithonate or lithotabs or micalith or priadel or quilinorm* or camcolit or liskonum or litarex or li-liquid).tw. (65593)
 88 (lamotrigine or lamictal or labileno or lamepil or lamictin or lamodex or lamogine or lamotrix or neurium).tw. (10986)
 89 (asenapine or sycrest or saphris).tw. (964)
 90 exp antidepressive agent/ (576675)
 91 (antidepress* or thymoanaleptic* or thymoleptic* or neurothymoleptic* or thymolytic*).tw. (111380)
 92 exp anxiolytic agent/ (290255)
 93 (anti-anxiety or anti anxiety or antianxiety or anxiolytic* or antimanic* or antipsychotic* or ataractic).tw. (97898)
 94 Propranolol/ (96427)
 95 (propranolol or anaprilin* or avlocardyl or betraden or dexpropranolol or dociton or inderal or ob?idan or rexigen or hemangeol or angilol or syprol).tw. (46012)
 96 exp hypnotic sedative agent/ (498620)
 97 (hypnotic* or sedative* or narcotic*).tw. (68877)
 98 exp therapy/ (10461596)
 99 (therapy or therapies or therapeutic*).tw. (4989517)
 100 exp Disease Management/ (3872600)
 101 (manage or managing or management or treat*).tw. (10532891)
 102 ((pharmacological or non-pharmacological or non pharmacological) adj2 intervention*).tw. (22549)
 103 exp Rehabilitation/ (494087)
 104 (rehabilit* or habiliat* or reable* or re-able* or readapt* or readjust*).tw. (302773)
 105 or/71-104 (18636890)
 106 70 and 105 (1939676)
 107 20 and 106 (51793)
 108 "meta analysis (topic)"/ or meta analysis/ (348536)
 109 "systematic review"/ or "systematic review (topic)"/ (471099)
 110 (metaanaly\$ or metanaly\$ or (meta adj3 analy\$)).tw. (368111)
 111 (review\$ or overview\$).ti. (899209)
 112 (systematic\$ adj5 (review\$ or overview\$)).tw. (409676)
 113 ((quantitative\$ or qualitative\$) adj5 (review\$ or overview\$)).tw. (21424)

114 ((studies or trial\$) adj2 (review\$ or overview\$)).tw. (80498)
115 (integrat\$ adj3 (research or review\$ or literature)).tw. (21794)
116 (pool\$ adj2 (analy\$ or data)).tw. (67286)
117 (handsearch\$ or (hand adj3 search\$)).tw. (14263)
118 (manual\$ adj3 search\$).tw. (10667)
119 or/108-118 (1403585)
120 animal/ not human/ (1204159)
121 119 not 120 (1391822)
122 107 and 121 (4685)
123 limit 122 to yr="2016 -Current" (2720)
124 limit 123 to yr="2022 -Current" (844)

Review question 22a

Are there effective methods for assessing intercurrent illness in people living with dementia that are different from those already in use for people who do not have dementia?

Review question 22b

Are there effective methods for treating intercurrent illness in people living with dementia that are different from those already in use for people who do not have dementia?

Number of records per database from 2015 to 30th november 2023

Database	Records
Cochrane Database of Systematic Reviews	61
CENTRAL	1779
MEDLINE	5766
Embase	8665
Total (Database)	16.271
Total (Database) after removing duplicates	

Cochrane Library issue 11, 2023

#1	MeSH descriptor: [Dementia] explode all trees	9372
#2	(dementi* OR pseudodementia):ti,ab	15792
#3	(alzheimer* OR alzeimer* OR (cortical NEAR/4 sclerosis)):ti,ab	13028
#4	((encephalopath* OR cogniti* OR neurocogniti*) NEAR/4 (aids OR hiv)):ti,ab	474
#5	((aphasi* NEAR/4 (primary OR progress*)) OR mesulam* OR ppa OR (ftd NEAR/4 temporal)):ti,ab	671
#6	((creutzfeldt OR jakob*) NEAR/4 (disease OR syndrome)) OR cjd OR (spongiform NEAR/4 encephalopath*) OR "corticostriatospinal degeneration" OR (pseudosclerosis NEAR/4 spastic)):ti,ab	64
#7	(binswanger* OR ((subcortic* OR arterisclerotic) NEAR/4 (encephalopath* OR leukoencephalopath*)) OR cadasil*):ti,ab	46
#8	((sub NEXT cortic*) NEAR/4 (encephalopath* OR leukoencephalopath*)):ti,ab	0
#9	((kosaka NEAR/2 shibayama) OR (neurofibrillary NEXT tangle*) OR dntc):ti,ab	82
#10	((frontotemporal OR (fronto NEXT temporal) OR (corticobasal OR (cortico NEXT basal) OR (frontal NEXT lobe))) NEAR/4 (degenerati* or dysfunction)) OR ftld OR ftlds OR ftd OR ftds):ti,ab	369
#11	(pick* NEAR/1 (complex OR disease* OR syndrome)):ti,ab	51
#12	((wilhemsen NEAR/1 lynch) OR ddpac OR (lob* NEAR/4 atroph*)):ti,ab	73
#13	(huntington* OR ((progressive OR major OR juvenile OR hereditary) NEAR/4 chorea)):ti,ab	763
#14	((kluver OR kluever) NEAR/4 bucy) OR (("temporal lobectomy" NEAR/4 behavi*) or ("temporal lobe" NEAR/4 dysfunction)):ti,ab	14
#15	((lewy NEXT bod*) OR dlb OR lbd OR dlbd):ti,ab	543
#16	((senile NEXT confusion) OR (senile NEXT psychosis) OR senilit*):ti,ab	55
#17	MeSH descriptor: [Tauopathies] this term only	14
#18	tauopath*:ti,ab	55
#19	cerad:ti,ab	148
#20	Posterior NEXT cortic* NEXT atroph*	17
#21	sivd:ti,ab	16
#22	{OR #1-#21}	26356
#23	MeSH descriptor: [Accidental Falls] this term only	1936
#24	fall*:TI,AB	27484
#25	MeSH descriptor: [Pneumonia] explode all trees	10740
#26	(pneumoni* or pneumono* or bronchopneumonia* or pleuropneumoni* or lobitis or peripneumonia*):TI,AB	18271

#27 ((lung* or pulmonary) NEAR/4 (inflam* or infiltrat*)):TI,AB 2654
 #28 (acid NEAR/4 aspiration):TI,AB 127
 #29 (mendelson* NEAR syndrome*):TI,AB 31
 #30 MeSH descriptor: [Urinary Tract Infections] explode all trees 3036
 #31 ((urin* or genitourin* or urogenit* or water*) NEAR/4 infect*):TI,AB 8000
 #32 (bacteriuria* or pyuria* or urosepsis):TI,AB 1300
 #33 (uti or utis):TI,AB 2637
 #34 MeSH descriptor: [Confusion] explode all trees 1723
 #35 (deliri* or confus* or disorientat* or bewilder*):TI,AB 8104
 #36 MeSH descriptor: [Pain] explode all trees 75288
 #37 (pain* or ache* or aching*):TI,AB 221989
 #38 MeSH descriptor: [Respiratory Tract Infections] explode all trees 24894
 #39 (infect* NEAR/4 (respirat* or airway* or bronchopulmonary or pulmonary)) 18191
 #40 (rti or rtis):TI,AB 561
 #41 (empyema* NEAR/4 (thoracic or pleural or tuberculous)):TI,AB 112
 #42 (Pyrothorax or (whooping cough) or pertuss*):TI,AB 1781
 #43 MeSH descriptor: [Diphtheria] explode all trees 321
 #44 diphther*:TI,AB 1770
 #45 MeSH descriptor: [Influenza, Human] this term only 3300
 #46 (influenza* or flu or gripe):TI,AB 10754
 #47 MeSH descriptor: [Fecal Incontinence] this term only 621
 #48 MeSH descriptor: [Urinary Incontinence] explode all trees 3147
 #49 ((urin* or fec* or faec*) NEAR/4 (leak* or we* or seep* or soil*)):TI,AB 19102
 #50 incontinen*:TI,AB 10785
 #51 MeSH descriptor: [Deglutition Disorders] explode all trees 3893
 #52 ((degutition or swallow*) NEAR/4 (disorder* or difficult*)):TI,AB 1046
 #53 (dysphagia* or aphagopraxia):TI,AB 4623
 #54 ((esophag* or oesophag*) NEAR/4 (disorder* or dysmotilit* or motil* or nutcracker or spasm* or reflux)):TI,AB 3043
 #55 ((reflux NEAR/4 gastr*) or gerd or gord):TI,AB 4783
 #56 (plummer* or kelly* or paterson*):TI,AB 218
 #57 {OR #23-#56} 360938
 #58 MeSH descriptor: [Geriatric Assessment] this term only 1896
 #59 (assess* or evaluat* or algorithm*):TI,AB 970481
 #60 ((early warning*) NEAR/4 (system* or scor* or scale* or sign* or alert* or tool*)):TI,AB 8764
 #61 (track NEAR/4 trigger):TI,AB 15
 #62 (observation or observations or observing):TI,AB 67641
 #63 {OR #58-#62} 1010666
 #64 MeSH descriptor: [Anti-Bacterial Agents] explode all trees 15336
 #65 (antibiotic* or bacteriocid*):TI,AB 32955
 #66 ((anti-bacterial or antibacterial or anti-mycobacterial or antimycobacterial) NEAR/4 agent*):TI,AB 488
 #67 MeSH descriptor: [Nutritional Support] explode all trees 4194
 #68 (artificial NEAR/4 (feed* or nutrition*)):TI,AB 232
 #69 (support* NEAR/4 nutrition*):TI,AB 2985
 #70 ((enteral or parenteral) NEAR/4 (nutrition* or feed*)):TI,AB 8520
 #71 (feed* NEAR/4 (tube* or intravenous*)):TI,AB 2192
 #72 MeSH descriptor: [Self Care] explode all trees 7641
 #73 (self NEAR/4 (care or manage* or monitor* or medicat* or treat*)):TI,AB 29410
 #74 MeSH descriptor: [Therapeutics] explode all trees 414424
 #75 (therapy or therapies or therapeutic*):TI,AB 471070
 #76 MeSH descriptor: [Disease Management] explode all trees 6547
 #77 (manage or managing or management or treat*):TI,AB 1026226
 #78 MeSH descriptor: [Rehabilitation] explode all trees 51723
 #79 (rehabilit* or habiliat* or reable* or re-able* or readapt* or readjust*):TI,AB 47472

#80	{OR #64-#79}	1318600	
#81	#22 and #57 and #63	2230	
#82	#22 and #57 and #80	2378	
#83	#81 OR #82 with Cochrane Library publication date from Jan 2015 to present, in Cochrane Reviews		61
#84	#81 OR #82 with Publication Year from 2015 to present, in Trials	1779	
#85	#81 OR #82 with Cochrane Library publication date from Jan 2022 to present, in Cochrane Reviews		14
#86	#81 OR #82 with Publication Year from 2022 to present, in Trials	375	

Database: Ovid MEDLINE(R) ALL <1946 to November 30, 2023>

Search Strategy:

- 1 exp Dementia/ (209291)
- 2 (dementi* or pseudodementia).tw. (142105)
- 3 (alzheimer* or alzeimer* or (cortical adj4 sclerosis)).tw. (188464)
- 4 ((encephalopath* or cogniti* or neurocogniti*) adj4 (aids or hiv)).tw. (4568)
- 5 ((aphasi* adj4 (primary or progress*)) or mesulam* or ppa or (ftd adj4 temporal)).tw. (6971)
- 6 (((creutzfeldt or ja?ob*) adj4 (disease or syndrome)) or cjd or (spongiform adj4 encephalopath*) or "corticostriatospinal degeneration" or (pseudosclerosis adj4 spastic)).tw. (11604)
- 7 (binswanger* or ((subcortic* or "sub cortic*" or arterisclerotic) adj4 (encephalopath* or leukoencephalopath*)) or cadasil*).tw. (2613)
- 8 ((kosaka adj2 shibayama) or (neurofibrillary adj1 tangle*) or dntc).tw. (10053)
- 9 (((frontotemporal or (fronto adj temporal) or (corticobasal or (cortico adj basal) or (frontal adj lobe))) adj4 (degenerati* or dysfunction)) or ftld or ftlds or ftd or ftds).tw. (10817)
- 10 ((pick* adj1 (complex or disease* or syndrome)) or (wilhemsen adj1 lynch) or ddpac or (lob* adj4 atroph*)).tw. (5926)
- 11 (huntington* or ((progressive or major or juvenile or hereditary) adj4 chorea)).tw. (21190)
- 12 (((kluver or kluever) adj4 bu?y) or (("temporal lobectomy" adj4 behavi*) or ("temporal lobe" adj4 dysfunction))).tw. (622)
- 13 ("lewy bod*" or dlb or lbd or dlbd).tw. (14651)
- 14 ("senile confusion" or "senile psychosis" or senilit*).tw. (873)
- 15 Tauopathies/ (2662)
- 16 tauopath*.tw. (5261)
- 17 cerad.tw. (945)
- 18 (Posterior adj cortic* adj atroph*).tw. (554)
- 19 sivd.tw. (179)
- 20 or/1-19 (355237)
- 21 Acute Disease/ (224124)
- 22 ((intercurrent or additional or acute) adj4 (illness* or disease* or condition* or disorder* or infect*)).tw. (176652)
- 23 Accidental Falls/ (28229)
- 24 fall*.tw. (251597)
- 25 exp Pneumonia/ (349109)
- 26 (pneumoni* or pneumono* or bronchopneumonia * or pleuropneumoni* or lobitis or peripneumonia*).tw. (230191)
- 27 ((lung* or pulmonary) adj4 (inflam* or infiltrat*)).tw. (46727)
- 28 (acid adj4 aspiration).tw. (652)
- 29 (mendelson* adj syndrome*).tw. (190)
- 30 exp Urinary Tract Infections/ (51135)
- 31 ((urin* or genitourin* or urogenit* or water*) adj4 infect*).tw. (65997)
- 32 (bacteriuria* or pyuria* or urosepsis).tw. (9662)
- 33 (uti or utis).tw. (14695)
- 34 exp Confusion/ (17745)
- 35 (deliri* or confus* or disorientat* or bewilder*).tw. (94141)
- 36 exp Pain/ (466612)
- 37 (pain* or ache* or aching*).tw. (890306)
- 38 exp Respiratory Tract Infections/ (633575)

39 (infect* adj4 (respirat* or airway* or bronchopulmonary or pulmonary)).tw. (99695)
 40 (rti or rtis).tw. (3493)
 41 (empyema* adj4 (thoracic or pleural or tuberculous)).tw. (3139)
 42 (Pyrothorax or "whooping cough" or pertuss*).tw. (30819)
 43 Diphtheria/ (7017)
 44 diphther*.tw. (19768)
 45 Influenza, Human/ (58562)
 46 (influenza* or flu or grippe).tw. (147339)
 47 Fecal Incontinence/ or exp Urinary Incontinence/ (44992)
 48 ((urin* or fec* or faec*) adj4 (leak* or we* or seep* or soil*)).tw. (156894)
 49 incontinen*.tw. (56769)
 50 exp Deglutition Disorders/ (60178)
 51 ((deglutition or swallow*) adj4 (disorder* or difficult*)).tw. (6525)
 52 (dysphagia* or aphagopraxia).tw. (34597)
 53 ((esophag* or oesophag*) adj4 (disorder* or dysmotilit* or motil* or nutcracker or spasm* or reflux)).tw. (19884)
 54 ((reflux adj4 gastr*) or gerd or gord).tw. (31785)
 55 ((plummer* or kelly* or patterson*) adj4 syndrome*).tw. (316)
 56 or/21-55 (2945886)
 57 Geriatric Assessment/ (32563)
 58 (assess* or evaluat* or algorithm*).tw. (7480155)
 59 (early warning* adj4 (system* or scor* or scale* or sign* or alert* or tool*)).tw. (6803)
 60 (track adj4 trigger).tw. (159)
 61 (observation or observations or observing).tw. (820440)
 62 or/57-61 (8114987)
 63 exp Anti-Bacterial Agents/ (825174)
 64 (antibiotic* or bacteriocid*).tw. (419624)
 65 ((anti-bacterial or antibacterial or anti-mycobacterial or antimycobacterial) adj4 agent*).tw. (14979)
 66 exp Nutritional Support/ (49472)
 67 (artificial adj4 (feed* or nutrition*)).tw. (4183)
 68 (support* adj4 nutrition*).tw. (16412)
 69 ((enteral or parenteral) adj4 (nutrition* or feed*)).tw. (37728)
 70 (feed* adj4 (tube* or intravenous*)).tw. (11015)
 71 exp Self Care/ (62797)
 72 (self adj4 (care or manage* or monitor* or medicat* or treat*)).tw. (91093)
 73 exp Therapeutics/ (5274826)
 74 (therapy or therapies or therapeutic*).tw. (3468821)
 75 exp Disease Management/ (84561)
 76 (manage or managing or management or treat*).tw. (7744432)
 77 exp Rehabilitation/ (357038)
 78 (rehabilit* or habiliat* or reable* or re-able* or readapt* or readjust*).tw. (216339)
 79 or/63-78 (12594523)
 80 20 and 56 and 62 (11528)
 81 20 and 56 and 79 (16204)
 82 80 or 81 (20375)
 83 Meta-Analysis.pt. (190807)
 84 Meta-Analysis as Topic/ (23550)
 85 Review.pt. (3246021)
 86 exp Review Literature as Topic/ (24015)
 87 (metaanaly\$ or metanaly\$ or (meta adj3 analy\$)).tw. (290206)
 88 (review\$ or overview\$).ti. (786559)
 89 (systematic\$ adj5 (review\$ or overview\$)).tw. (338193)
 90 ((quantitative\$ or qualitative\$) adj5 (review\$ or overview\$)).tw. (17839)
 91 ((studies or trial\$) adj2 (review\$ or overview\$)).tw. (67085)
 92 (integrat\$ adj3 (research or review\$ or literature)).tw. (19106)

93 (pool\$ adj2 (analy\$ or data)).tw. (45604)
94 (handsearch\$ or (hand adj3 search\$)).tw. (11719)
95 (manual\$ adj3 search\$).tw. (8905)
96 or/83-95 (3752286)
97 animals/ not humans/ (5141065)
98 96 not 97 (3572226)
99 82 and 98 (4749)
100 Randomized Controlled Trial.pt. (604129)
101 Controlled Clinical Trial.pt. (95470)
102 Clinical Trial.pt. (539122)
103 exp Clinical Trials as Topic/ (386284)
104 Placebos/ (35934)
105 Random Allocation/ (107041)
106 Double-Blind Method/ (176786)
107 Single-Blind Method/ (33077)
108 Cross-Over Studies/ (55833)
109 ((random\$ or control\$ or clinical\$) adj3 (trial\$ or stud\$)).tw. (1605617)
110 (random\$ adj3 allocat\$).tw. (46573)
111 placebo\$.tw. (251500)
112 ((singl\$ or doubl\$ or trebl\$ or tripl\$) adj (blind\$ or mask\$)).tw. (201197)
113 (crossover\$ or (cross adj over\$)).tw. (101922)
114 or/100-113 (2454255)
115 animals/ not humans/ (5141065)
116 114 not 115 (2312034)
117 82 and 116 (2993)
118 Observational Study/ (149343)
119 epidemiology/ (12586)
120 exp case control study/ (1462612)
121 exp cohort analysis/ (2546219)
122 cross-sectional study/ (485223)
123 Controlled Before-After.mp. (1143)
124 Historically Controlled Study.mp. (298)
125 Interrupted Time Series Analysis.mp. (3718)
126 comparative study/ (1913391)
127 case control\$.tw. (162220)
128 case series.tw. (107072)
129 (cohort adj (study or studies)).tw. (332545)
130 cohort analy\$.tw. (12399)
131 (follow up adj (study or studies)).tw. (57194)
132 (observational adj (study or studies)).tw. (169307)
133 longitudinal.tw. (333185)
134 prospective.tw. (734097)
135 retrospective.tw. (775891)
136 cross sectional.tw. (536340)
137 or/118-136 (5617243)
138 animals/ not humans/ (5141065)
139 137 not 138 (5124624)
140 82 and 139 (5685)
141 99 or 117 or 140 (11005)
142 limit 141 to yr="2015 -Current" (5766)
143 limit 142 to yr="2022 -Current" (1650)

Database: Embase <1974 to 2023 November 30>

Search Strategy:

- 1 exp *Dementia/ (267671)
- 2 (dementi* or pseudodementia).tw. (203896)
- 3 (alzheimer* or alzeimer* or (cortical adj4 sclerosis)).tw. (253538)
- 4 ((encephalopath* or cogniti* or neurocogniti*) adj4 (aids or hiv)).tw. (6724)
- 5 ((aphasi* adj4 (primary or progress*)) or mesulam* or ppa or (ftd adj4 temporal)).tw. (10107)
- 6 (((creutzfeldt or ja?ob*) adj4 (disease or syndrome)) or cjd or (spongiform adj4 encephalopath*) or "corticostriatospinal degeneration" or (pseudosclerosis adj4 spastic)).tw. (14511)
- 7 (binswanger* or ((subcortic* or "sub cortic*" or arterisclerotic) adj4 (encephalopath* or leukoencephalopath*)) or cadasil*).tw. (3784)
- 8 ((kosaka adj2 shibayama) or (neurofibrillary adj1 tangle*) or dntc).tw. (13420)
- 9 (((frontotemporal or (fronto adj temporal) or (corticobasal or (cortico adj basal) or (frontal adj lobe))) adj4 (degenerati* or dysfunction)) or ftld or ftlds or ftd or ftds).tw. (18099)
- 10 ((pick* adj1 (complex or disease* or syndrome)) or (wilhemsen adj1 lynch) or ddpac or (lob* adj4 atroph*)).tw. (7893)
- 11 (huntington* or ((progressive or major or juvenile or hereditary) adj4 chorea)).tw. (28637)
- 12 (((kluver or kluever) adj4 bu?y) or (("temporal lobectomy" adj4 behavi*) or ("temporal lobe" adj4 dysfunction))).tw. (805)
- 13 ("lewy bod*" or dlb or lbd or dlbd).tw. (21743)
- 14 ("senile confusion" or "senile psychosis" or senilit*).tw. (948)
- 15 *tauopathy/ (3102)
- 16 tauopath*.tw. (8158)
- 17 cerad.tw. (1768)
- 18 (Posterior adj cortic* adj atroph*).tw. (970)
- 19 sivd.tw. (246)
- 20 or/1-19 (481737)
- 21 Acute Disease/ (99385)
- 22 ((intercurrent or additional or acute) adj4 (illness* or disease* or condition* or disorder* or infect*)).tw. (243256)
- 23 Falling/ (50961)
- 24 fall*.tw. (325888)
- 25 exp Pneumonia/ (399913)
- 26 (pneumoni* or pneumono* or bronchopneumonia * or pleuropneumoni* or lobitis or peripneumonia*).tw. (326818)
- 27 ((lung* or pulmonary) adj4 (inflam* or infiltrat*)).tw. (68071)
- 28 (acid adj4 aspiration).tw. (951)
- 29 (mendelson* adj syndrome*).tw. (192)
- 30 exp Urinary Tract Infections/ (141354)
- 31 ((urin* or genitourin* or urogenit* or water*) adj4 infect*).tw. (97287)
- 32 (bacteriuria* or pyuria* or urosepsis).tw. (13424)
- 33 (uti or utis).tw. (28434)
- 34 exp Confusion/ (36902)
- 35 (deliri* or confus* or disorientat* or bewilder*).tw. (134906)
- 36 exp Pain/ (1676692)
- 37 (pain* or ache* or aching*).tw. (1309677)
- 38 exp Respiratory Tract Infections/ (504157)
- 39 (infect* adj4 (respirat* or airway* or bronchopulmonary or pulmonary)).tw. (143965)
- 40 (rti or rtis).tw. (4866)
- 41 (empyema* adj4 (thoracic or pleural or tuberculous)).tw. (3622)
- 42 (Pyrothorax or "whooping cough" or pertuss*).tw. (32180)
- 43 Diphtheria/ (9967)
- 44 diphther*.tw. (17241)
- 45 Influenza/ (73628)
- 46 (influenza* or flu or gripe).tw. (172987)
- 47 Fecal Incontinence/ or exp urine incontinence/ (99037)
- 48 ((urin* or fec* or faec*) adj4 (leak* or we* or seep* or soil*)).tw. (223807)

49 incontinen*.tw. (90771)
 50 exp dysphagia/ (97018)
 51 ((deglutition or swallow*) adj4 (disorder* or difficult*)).tw. (11234)
 52 (dysphagia* or aphagopraxia).tw. (60729)
 53 ((esophag* or oesophag*) adj4 (disorder* or dysmotilit* or motil* or nutcracker or spasm* or reflux)).tw. (31434)
 54 ((reflux adj4 gastr*) or gerd or gord).tw. (53568)
 55 ((plummer* or kelly* or patterson*) adj4 syndrome*).tw. (312)
 56 or/21-55 (4184955)
 57 Geriatric Assessment/ (21328)
 58 (assess* or evaluat* or algorithm*).tw. (10362667)
 59 (early warning* adj4 (system* or scor* or scale* or sign* or alert* or tool*)).tw. (8816)
 60 (track adj4 trigger).tw. (231)
 61 (observation or observations or observing).tw. (969181)
 62 or/57-61 (11046603)
 63 exp antiinfective agent/ (4665712)
 64 (antibiotic* or bacteriocid*).tw. (552605)
 65 ((anti-bacterial or antibacterial or anti-mycobacterial or antimycobacterial) adj4 agent*).tw. (18387)
 66 exp Nutritional Support/ (23616)
 67 (artificial adj4 (feed* or nutrition*)).tw. (5307)
 68 (support* adj4 nutrition*).tw. (24703)
 69 ((enteral or parenteral) adj4 (nutrition* or feed*)).tw. (57880)
 70 (feed* adj4 (tube* or intravenous*)).tw. (17400)
 71 exp Self Care/ (104357)
 72 (self adj4 (care or manage* or monitor* or medicat* or treat*)).tw. (128212)
 73 exp Therapeutics/ (10464274)
 74 (therapy or therapies or therapeutic*).tw. (4990653)
 75 exp Disease Management/ (3873130)
 76 (manage or managing or management or treat*).tw. (10535106)
 77 exp Rehabilitation/ (494168)
 78 (rehabilit* or habiliat* or reable* or re-able* or readapt* or readjust*).tw. (302831)
 79 or/63-78 (19829315)
 80 20 and 56 and 62 (20425)
 81 20 and 56 and 79 (32671)
 82 80 or 81 (38057)
 83 "meta analysis (topic)"/ or meta analysis/ (348712)
 84 "systematic review"/ or "systematic review (topic)"/ (471418)
 85 (metaanaly\$ or metanaly\$ or (meta adj3 analy\$)).tw. (368270)
 86 (review\$ or overview\$).ti. (899600)
 87 (systematic\$ adj5 (review\$ or overview\$)).tw. (409902)
 88 ((quantitative\$ or qualitative\$) adj5 (review\$ or overview\$)).tw. (21438)
 89 ((studies or trial\$) adj2 (review\$ or overview\$)).tw. (80534)
 90 (integrat\$ adj3 (research or review\$ or literature)).tw. (21805)
 91 (pool\$ adj2 (analy\$ or data)).tw. (67299)
 92 (handsearch\$ or (hand adj3 search\$)).tw. (14267)
 93 (manual\$ adj3 search\$).tw. (10673)
 94 or/83-93 (1404097)
 95 82 and 94 (3091)
 96 Clinical-Trial/ or Randomized-Controlled-Trial/ or Randomization/ or Single-Blind-Procedure/ or Double-Blind-Procedure/ or Crossover-Procedure/ or Prospective-Study/ or Placebo/ (2579850)
 97 (((clinical or control or controlled) adj (study or trial)) or ((single or double or triple) adj (blind\$3 or mask\$3)) or (random\$ adj (assign\$ or allocat\$ or group or grouped or patients or study or trial or distribut\$)) or (crossover adj (design or study or trial)) or placebo or placebos).ti,ab. (1395759)
 98 96 or 97 (3126104)
 99 82 and 98 (6665)

100 Observational Study/ (346926)
101 epidemiology/ (248820)
102 exp case control study/ (228442)
103 exp cohort analysis/ (1081892)
104 cross-sectional study/ (596561)
105 Controlled Before-After.mp. (538)
106 Historically Controlled Study.mp. (97)
107 Interrupted Time Series Analysis.mp. (3354)
108 comparative study/ (1035630)
109 case control\$.tw. (214312)
110 case series.tw. (150784)
111 (cohort adj (study or studies)).tw. (479315)
112 cohort analy\$.tw. (19995)
113 (follow up adj (study or studies)).tw. (74652)
114 (observational adj (study or studies)).tw. (262329)
115 longitudinal.tw. (450435)
116 prospective.tw. (1121662)
117 retrospective.tw. (1286659)
118 cross sectional.tw. (698468)
119 or/100-118 (5497035)
120 82 and 119 (8937)
121 95 or 99 or 120 (15007)
122 animal/ not human/ (1204159)
123 121 not 122 (14984)
124 limit 123 to english language (14470)
125 limit 124 to yr="2015 -Current" (8665)
126 limit 125 to yr="2022 -Current" (2129)

Review question 23

How should people living with dementia be cared for when admitted to hospital?

Study design: RCT, Systematic review

Number of records per database from 2015 to 30th november 2023

Database	Records
Cochrane Database of Systematic Reviews	31
CENTRAL	951
MEDLINE	2348
Embase	3175
Total (Database)	6505
Total (Database) after removing duplicates	

Cochrane Library issue 11, 2023

#1	MeSH descriptor: [Dementia] explode all trees	9372
#2	(dementi* OR pseudodementia):ti,ab	15792
#3	(alzheimer* OR alzeimer* OR (cortical NEAR/4 sclerosis)):ti,ab	13028
#4	((encephalopath* OR cogniti* OR neurocogniti*) NEAR/4 (aids OR hiv)):ti,ab	474
#5	((aphasi* NEAR/4 (primary OR progress*)) OR mesulam* OR ppa OR (ftd NEAR/4 temporal)):ti,ab	671
#6	((creutzfeldt OR jakob*) NEAR/4 (disease OR syndrome)) OR cjd OR (spongiform NEAR/4 encephalopath*) OR "corticostriatospinal degeneration" OR (pseudosclerosis NEAR/4 spastic):ti,ab	64
#7	(binswanger* OR ((subcortic* OR arterisclerotic) NEAR/4 (encephalopath* OR leukoencephalopath*)) OR cadasil*):ti,ab	46
#8	((kosaka NEAR/2 shibayama) OR (neurofibrillary NEXT tangle*) OR dntc):ti,ab	82
#9	((frontotemporal OR (fronto NEXT temporal) OR (corticobasal OR (cortico NEXT basal) OR (frontal NEXT lobe))) NEAR/4 (degenerati* or dysfunction)) OR ftld OR ftlds OR ftd OR ftds):ti,ab	369
#10	(pick* NEAR/1 (complex OR disease* OR syndrome)):ti,ab	51
#11	((wilhemsen NEAR/1 lynch) OR ddpac OR (lob* NEAR/4 atroph*)):ti,ab	73
#12	(huntington* OR ((progressive OR major OR juvenile OR hereditary) NEAR/4 chorea)):ti,ab	763
#13	((kluver OR kluever) NEAR/4 bucy) OR (("temporal lobectomy" NEAR/4 behavi*) or ("temporal lobe" NEAR/4 dysfunction)):ti,ab	14
#14	((lewy NEXT bod*) OR dlb OR lbd OR dlbd):ti,ab	543
#15	((senile NEXT confusion) OR (senile NEXT psychosis) OR senilit*):ti,ab	55
#16	MeSH descriptor: [Tauopathies] this term only	14
#17	tauopath*:ti,ab	55
#18	cerad:ti,ab	148
#19	Posterior NEXT cortic* NEXT atroph*	17
#20	sivd:ti,ab	16
#21	{OR #1-#20}	26356
#22	MeSH descriptor: [Hospitalization] explode all trees	22775
#23	MeSH descriptor: [Hospital Administration] this term only	34
#24	MeSH descriptor: [Hospital-Patient Relations] this term only	9
#25	MeSH descriptor: [Health Services for the Aged] this term only	537
#26	MeSH descriptor: [Continuity of Patient Care] explode all trees	36599
#27	MeSH descriptor: [Patient-Centered Care] this term only	853
#28	MeSH descriptor: [Medical Staff, Hospital] this term only	318
#29	MeSH descriptor: [Hospital Design and Construction] this term only	12
#30	((HOSPITAL* OR CLINIC* OR ENVIRONMENT* OR WARD?) NEAR/4 (DESIGN* OR ARCHITECT* OR LAYOUT* OR CONSTRUCT* OR BUILDING* OR TYPE*)):TI,AB	25078

#31 (THIS NEXT "IS" NEXT ME OR "BUTTERFLY SCHEME" OR FORGET NEXT ME NEXT "NOT" NEXT SCHEME* OR BARBARA'S NEXT STORY OR "MENTAL HEALTH LIAISON" OR "RAPID ASSESSMENT INTERFACE AND DISCHARGE"):TI,AB
3

#32 ("INTENTIONAL ROUNDING" OR PROACTIVE NEXT PATIENT NEXT ROUND* OR CARE NEXT ROUND* OR COMFORT NEXT ROUND* OR "FOUR NEXT P'S" OR "4 NEXT P'S"):TI,AB 13

#33 {or #22-#32} 80521

#34 #21 AND #33 with Cochrane Library publication date from Jan 2016 to present, in Cochrane Reviews 31

#35 #21 AND #33 with Publication Year from 2016 to present, in Trials 951

#36 #21 AND #33 with Cochrane Library publication date from Jan 2022 to present, in Cochrane Reviews 6

#37 #21 AND #33 with Publication Year from 2022 to present, in Trials 203

Database: Ovid MEDLINE(R) ALL <1946 to November 30, 2023>

Search Strategy:

- 1 exp Dementia/ (209291)
- 2 (dementi* or pseudodementia).tw. (142105)
- 3 (alzheimer* or alzeimer* or (cortical adj4 sclerosis)).tw. (188464)
- 4 ((encephalopath* or cogniti* or neurocogniti*) adj4 (aids or hiv)).tw. (4568)
- 5 ((aphasi* adj4 (primary or progress*)) or mesulam* or ppa or (ftd adj4 temporal)).tw. (6971)
- 6 (((creutzfeldt or ja?ob*) adj4 (disease or syndrome)) or cjd or (spongiform adj4 encephalopath*) or "corticostriatal degeneration" or (pseudosclerosis adj4 spastic)).tw. (11604)
- 7 (binswanger* or ((subcortic* or "sub cortic*" or arterisclerotic) adj4 (encephalopath* or leukoencephalopath*)) or cadasil*).tw. (2613)
- 8 ((kosaka adj2 shibayama) or (neurofibrillary adj1 tangle*) or dntc).tw. (10053)
- 9 (((frontotemporal or (fronto adj temporal) or (corticobasal or (cortico adj basal) or (frontal adj lobe))) adj4 (degenerati* or dysfunction)) or ftld or ftlds or ftd or ftds).tw. (10817)
- 10 ((pick* adj1 (complex or disease* or syndrome)) or (wilhemsens adj1 lynch) or ddpac or (lob* adj4 atroph*)).tw. (5926)
- 11 (huntington* or ((progressive or major or juvenile or hereditary) adj4 chorea)).tw. (21190)
- 12 (((kluver or kluever) adj4 bu?y) or (("temporal lobectomy" adj4 behavi*) or ("temporal lobe" adj4 dysfunction))).tw. (622)
- 13 ("lewy bod*" or dlb or lbd or dlbd).tw. (14651)
- 14 ("senile confusion" or "senile psychosis" or senilit*).tw. (873)
- 15 Tauopathies/ (2662)
- 16 tauopath*.tw. (5261)
- 17 cerad.tw. (945)
- 18 (Posterior adj cortic* adj atroph*).tw. (554)
- 19 sivd.tw. (179)
- 20 or/1-19 (355237)
- 21 exp Hospitalization/ (296034)
- 22 Hospital Administration/ (30184)
- 23 Hospital-Patient Relations/ (1846)
- 24 Health Services for the Aged/ (18182)
- 25 exp Continuity of Patient Care/ (293768)
- 26 Patient-Centered Care/ (23188)
- 27 Medical Staff, Hospital/ (23677)
- 28 "Hospital Design and Construction"/ (9989)
- 29 ((hospital* or clinic* or environment* or ward*) adj4 (design* or architect* or layout* or construct* or building* or type*)).tw. (129834)
- 30 ("this is me" or "butterfly scheme" or "forget me not scheme*" or "Barbara's story" or "mental health liaison" or "rapid assessment interface and discharge").tw. (59572)
- 31 ("intentional rounding" or "proactive patient round*" or "care round*" or "comfort round*" or "four p's" or "4 p's").tw. (814)
- 32 or/21-31 (804872)
- 33 20 and 32 (16473)

34 Meta-Analysis.pt. (190807)
 35 Meta-Analysis as Topic/ (23550)
 36 Review.pt. (3246021)
 37 exp Review Literature as Topic/ (24015)
 38 (metaanaly\$ or metanaly\$ or (meta adj3 analy\$)).tw. (290206)
 39 (review\$ or overview\$).ti. (786559)
 40 (systematic\$ adj5 (review\$ or overview\$)).tw. (338193)
 41 ((quantitative\$ or qualitative\$) adj5 (review\$ or overview\$)).tw. (17839)
 42 ((studies or trial\$) adj2 (review\$ or overview\$)).tw. (67085)
 43 (integrat\$ adj3 (research or review\$ or literature)).tw. (19106)
 44 (pool\$ adj2 (analy\$ or data)).tw. (45604)
 45 (handsearch\$ or (hand adj3 search\$)).tw. (11719)
 46 (manual\$ adj3 search\$).tw. (8905)
 47 or/34-46 (3752286)
 48 animals/ not humans/ (5141065)
 49 47 not 48 (3572226)
 50 33 and 49 (2510)
 51 Randomized Controlled Trial.pt. (604129)
 52 Controlled Clinical Trial.pt. (95470)
 53 Clinical Trial.pt. (539122)
 54 exp Clinical Trials as Topic/ (386284)
 55 Placebos/ (35934)
 56 Random Allocation/ (107041)
 57 Double-Blind Method/ (176786)
 58 Single-Blind Method/ (33077)
 59 Cross-Over Studies/ (55833)
 60 ((random\$ or control\$ or clinical\$) adj3 (trial\$ or stud\$)).tw. (1605617)
 61 (random\$ adj3 allocat\$).tw. (46573)
 62 placebo\$.tw. (251500)
 63 ((singl\$ or doubl\$ or trebl\$ or tripl\$) adj (blind\$ or mask\$)).tw. (201197)
 64 (crossover\$ or (cross adj over\$)).tw. (101922)
 65 or/51-64 (2454255)
 66 animals/ not humans/ (5141065)
 67 65 not 66 (2312034)
 68 33 and 67 (3560)
 69 50 or 68 (5184)
 70 limit 69 to yr="2016 -Current" (2348)
 71 limit 70 to yr="2022 -Current" (582)

Database: Embase <1974 to 2023 November 30>

Search Strategy:

1 exp *Dementia/ (267671)
 2 (dementi* or pseudodementia).tw. (203896)
 3 (alzheimer* or alzeimer* or (cortical adj4 sclerosis)).tw. (253538)
 4 ((encephalopath* or cogniti* or neurocogniti*) adj4 (aids or hiv)).tw. (6724)
 5 ((aphasi* adj4 (primary or progress*)) or mesulam* or ppa or (ftd adj4 temporal)).tw. (10107)
 6 (((creutzfeldt or ja?ob*) adj4 (disease or syndrome)) or cjd or (spongiform adj4 encephalopath*) or "corticostriatal degeneration" or (pseudosclerosis adj4 spastic)).tw. (14511)
 7 (binswanger* or ((subcortic* or "sub cortic*" or arterisclerotic) adj4 (encephalopath* or leukoencephalopath*)) or cadasil*).tw. (3784)
 8 ((kosaka adj2 shibayama) or (neurofibrillary adj1 tangle*) or dntc).tw. (13420)
 9 (((frontotemporal or (fronto adj temporal) or (corticobasal or (cortico adj basal) or (frontal adj lobe))) adj4 (degenerati* or dysfunction)) or ftld or ftlds or ftd or ftds).tw. (18099)
 10 ((pick* adj1 (complex or disease* or syndrome)) or (wilhemsens adj1 lynch) or ddpac or (lob* adj4 atroph*)).tw.

(7893)

- 11 (huntington* or ((progressive or major or juvenile or hereditary) adj4 chorea)).tw. (28637)
- 12 (((kluver or kluever) adj4 bu?y) or (("temporal lobectomy" adj4 behavi*) or ("temporal lobe" adj4 dysfunction))).tw. (805)
- 13 ("lewy bod*" or dlb or lbd or dlbd).tw. (21743)
- 14 ("senile confusion" or "senile psychosis" or senilit*).tw. (948)
- 15 *tauopathy/ (3102)
- 16 tauopath*.tw. (8158)
- 17 cerad.tw. (1768)
- 18 (Posterior adj cortic* adj atroph*).tw. (970)
- 19 sivd.tw. (246)
- 20 or/1-19 (481737)
- 21 exp Hospitalization/ (541788)
- 22 hospital management/ (47137)
- 23 doctor patient relationship/ (9268)
- 24 elderly care/ (42721)
- 25 exp Patient Care/ (1037774)
- 26 medical staff/ (42618)
- 27 hospital design/ (7390)
- 28 ((hospital* or clinic* or environment* or ward*) adj4 (design* or architect* or layout* or construct* or building* or type*)).tw. (200597)
- 29 ("this is me" or "butterfly scheme" or "forget me not scheme*" or "Barbara's story" or "mental health liaison" or "rapid assessment interface and discharge").tw. (67119)
- 30 ("intentional rounding" or "proactive patient round*" or "care round*" or "comfort round*" or "four p's" or "4 p's").tw. (985)
- 31 or/21-30 (1902881)
- 32 20 and 31 (26267)
- 33 "meta analysis (topic)"/ or meta analysis/ (348712)
- 34 "systematic review"/ or "systematic review (topic)"/ (471418)
- 35 (metaanaly\$ or metanaly\$ or (meta adj3 analy\$)).tw. (368270)
- 36 (review\$ or overview\$).ti. (899600)
- 37 (systematic\$ adj5 (review\$ or overview\$)).tw. (409902)
- 38 ((quantitative\$ or qualitative\$) adj5 (review\$ or overview\$)).tw. (21438)
- 39 ((studies or trial\$) adj2 (review\$ or overview\$)).tw. (80534)
- 40 (integrat\$ adj3 (research or review\$ or literature)).tw. (21805)
- 41 (pool\$ adj2 (analy\$ or data)).tw. (67299)
- 42 (handsearch\$ or (hand adj3 search\$)).tw. (14267)
- 43 (manual\$ adj3 search\$).tw. (10673)
- 44 or/33-43 (1404097)
- 45 animal/ not human/ (1204159)
- 46 44 not 45 (1392334)
- 47 32 and 46 (1914)
- 48 Clinical-Trial/ or Randomized-Controlled-Trial/ or Randomization/ or Single-Blind-Procedure/ or Double-Blind-Procedure/ or Crossover-Procedure/ or Prospective-Study/ or Placebo/ (2579850)
- 49 (((clinical or control or controlled) adj (study or trial)) or ((single or double or triple) adj (blind\$3 or mask\$3)) or (random\$ adj (assign\$ or allocat\$ or group or grouped or patients or study or trial or distribut\$)) or (crossover adj (design or study or trial)) or placebo or placebos).ti,ab. (1395759)
- 50 48 or 49 (3126104)
- 51 animal/ not human/ (1204159)
- 52 50 not 51 (3081138)
- 53 32 and 52 (4416)
- 54 47 or 53 (5937)
- 55 limit 54 to english language (5731)

56 limit 55 to yr="2016 -Current" (3175)

57 limit 56 to yr="2022 -Current" (871)

Review question 24

What models of palliative care are effective for people with dementia?

Study design: RCT

Number of records per database from 2015 to 30th november 2023

Database	Records
Cochrane Database of Systematic Reviews	49
CENTRAL	420
MEDLINE	641
Embase	838
Total (Database)	1948
Total (Database) after removing duplicates	

Cochrane Library issue 11, 2023

#1	MeSH descriptor: [Dementia] explode all trees	9372
#2	(dementi* OR pseudodementia):ti,ab	15792
#3	(alzheimer* OR alzeimer* OR (cortical NEAR/4 sclerosis)):ti,ab	13028
#4	((encephalopath* OR cogniti* OR neurocogniti*) NEAR/4 (aids OR hiv)):ti,ab	474
#5	((aphasi* NEAR/4 (primary OR progress*)) OR mesulam* OR ppa OR (ftd NEAR/4 temporal)):ti,ab	671
#6	((creutzfeldt OR jakob*) NEAR/4 (disease OR syndrome)) OR cjd OR (spongiform NEAR/4 encephalopath*) OR "corticostriatospinal degeneration" OR (pseudosclerosis NEAR/4 spastic):ti,ab	64
#7	(binswanger* OR ((subcortic* OR arterisclerotic) NEAR/4 (encephalopath* OR leukoencephalopath*)) OR cadasil*):ti,ab	46
#8	((sub NEXT cortic*) NEAR/4 (encephalopath* OR leukoencephalopath*)):ti,ab	0
#9	((kosaka NEAR/2 shibayama) OR (neurofibrillary NEXT tangle*) OR dntc):ti,ab	82
#10	((frontotemporal OR (fronto NEXT temporal) OR (corticobasal OR (cortico NEXT basal) OR (frontal NEXT lobe))) NEAR/4 (degenerati* or dysfunction)) OR ftld OR ftlds OR ftd OR ftds):ti,ab	369
#11	(pick* NEAR/1 (complex OR disease* OR syndrome)):ti,ab	51
#12	((wilhemsen NEAR/1 lynch) OR ddpac OR (lob* NEAR/4 atroph*)):ti,ab	73
#13	(huntington* OR ((progressive OR major OR juvenile OR hereditary) NEAR/4 chorea)):ti,ab	763
#14	((kluver OR kluever) NEAR/4 bucy) OR (("temporal lobectomy" NEAR/4 behavi*) or ("temporal lobe" NEAR/4 dysfunction)):ti,ab	14
#15	((lewy NEXT bod*) OR dlb OR lbd OR dlbd):ti,ab	543
#16	((senile NEXT confusion) OR (senile NEXT psychosis) OR senilit*):ti,ab	55
#17	MeSH descriptor: [Tauopathies] this term only	14
#18	tauopath*:ti,ab	55
#19	cerad:ti,ab	148
#20	Posterior NEXT cortic* NEXT atroph*	17
#21	sivd:ti,ab	16
#22	{OR #1-#21}	26356
#23	palliative	11301
#24	terminal*	13305
#25	hospice*	1731
#26	"end of life"	1839
#27	dying	1897
#28	bereavement	590
#29	MeSH descriptor: [Palliative Care] explode all trees	2282
#30	Hospice and Palliative Care Nursing	291
#31	MeSH descriptor: [Terminal Care] explode all trees	707
#32	MeSH descriptor: [Palliative Medicine] explode all trees	4

#33	{OR #23-#32}	26626	
#34	#22 AND #33 with Cochrane Library publication date from Jan 2015 to present, in Cochrane Reviews		49
#35	#22 AND #33 with Publication Year from 2015 to present, in Trials	420	
#36	#22 AND #33 with Cochrane Library publication date from Jan 2022 to present, in Cochrane Reviews		7
#37	#22 AND #33 with Publication Year from 2022 to present, in Trials	69	

Database: Ovid MEDLINE(R) ALL <1946 to November 30, 2023>

Search Strategy:

- 1 exp Dementia/ (209291)
- 2 Delirium/ (12408)
- 3 Wernicke Encephalopathy/ (1914)
- 4 Delirium, Dementia, Amnestic, Cognitive Disorders/ (9798)
- 5 dement*.mp. (169090)
- 6 alzheimer*.mp. (207608)
- 7 (lewy* adj2 bod*).mp. (12920)
- 8 deliri*.mp. (25174)
- 9 (chronic adj2 cerebrovascular).mp. (820)
- 10 ("organic brain disease" or "organic brain syndrome").mp. (817)
- 11 ("normal pressure hydrocephalus" and "shunt*").mp. (1802)
- 12 "benign senescent forgetfulness".mp. (18)
- 13 (cerebr* adj2 deteriorat*).mp. (266)
- 14 (cerebral* adj2 insufficient*).mp. (94)
- 15 (pick* adj2 disease).mp. (4520)
- 16 (creutzfeldt or jcd or cjd).mp. (9410)
- 17 huntington*.mp. (23026)
- 18 binswanger*.mp. (608)
- 19 korsako*.mp. (1862)
- 20 or/1-19 (379822)
- 21 exp Palliative Care/ (63851)
- 22 "Hospice and Palliative Care Nursing"/ (2500)
- 23 Terminal Care/ (32083)
- 24 "end of life".ti,ab. (29939)
- 25 palliative.ti,ab. (78180)
- 26 (dying adj3 (care or comfort or relief or strateg* or plan or intervention or pain)).ti,ab. (2976)
- 27 "symptom control".ti,ab. (5933)
- 28 (bereavement adj2 support).ti,ab. (642)
- 29 or/21-28 (140677)
- 30 20 and 29 (4537)
- 31 randomized controlled trial.pt. (604129)
- 32 controlled clinical trial.pt. (95470)
- 33 random\$.ti,ab. (1470422)
- 34 groups.ab. (2604789)
- 35 drug therapy.fs. (2644465)
- 36 placebo.ab. (243632)
- 37 rct.ti,ab. (32802)
- 38 or/31-37 (5950529)
- 39 30 and 38 (1158)
- 40 animals/ not humans/ (5141065)
- 41 39 not 40 (1140)
- 42 limit 41 to yr="2015 -Current" (641)
- 43 limit 42 to yr="2022 -Current" (155)

Database: Embase <1974 to 2023 November 30>

Strategia di Ricerca:

- 1 exp *dementia/ (267671)
- 2 dement*.ti,ab. (209709)
- 3 alzheimer*.ti,ab. (252325)
- 4 (lewy* adj2 bod*).ti,ab. (17968)
- 5 (frontotemporal* or FTD or FTLD).ti,ab. (24814)
- 6 or/1-5 (452066)
- 7 exp palliative nursing/ or exp palliative therapy/ (144804)
- 8 hospice care/ or hospice/ or hospice nursing/ or hospice patient/ (31077)
- 9 terminal care/ (42788)
- 10 death/ or dying/ (299127)
- 11 palliative.ti,ab. (128060)
- 12 hospice*.ti,ab. (27526)
- 13 terminal.ti,ab. (510698)
- 14 "end of life".ti,ab. (45032)
- 15 (dying adj3 (care or comfort or relief or strateg* or plan or intervention or pain)).ti,ab. (3853)
- 16 ("symptom control" and (dying or death)).ti,ab. (1331)
- 17 (bereavement adj2 support).ti,ab. (1066)
- 18 or/7-17 (1019040)
- 19 6 and 18 (20751)
- 20 (control adj2 (group or groups or patient* or cohort*)).ti,ab. (969229)
- 21 (controlled adj study).ti,ab. (73719)
- 22 comparative study.ti,ab. (115028)
- 23 clinical trial/ (1077280)
- 24 multicenter study/ (379889)
- 25 "before-and-after".ti,ab. (14)
- 26 CBA.ti,ab. (14334)
- 27 Interrupted Time Series Analysis/ (230183)
- 28 Interrupted time series.ti,ab. (7437)
- 29 ("non-random?sed trial*" or "non-random?sed stud*").ti,ab. (268)
- 30 ("nonrandom?sed trial*" or "nonrandom?sed stud*").ti,ab. (268)
- 31 (quasiexperiment* or quasi experiment* or pseudo experiment* or pseudoexperiment*).ti,ab. (27241)
- 32 ((pretest or pre test) and (posttest or post test)).ti,ab. (23167)
- 33 repeated measur*.ti,ab. (83737)
- 34 randomized controlled trial/ (795707)
- 35 controlled clinical trial/ (471574)
- 36 (randomly adj3 (divide* or shared or allocat*)).ti,ab. (165777)
- 37 placebo.ab. (359730)
- 38 "double-blind*".ti,ab. (4002)
- 39 "single blind*".ti,ab. (32196)
- 40 RCT.ti,ab. (55244)
- 41 (randomized or randomised).ti. (365059)
- 42 or/20-41 (3309474)
- 43 19 and 42 (1568)
- 44 limit 43 to yr="2015 -Current" (838)
- 45 limit 44 to yr="2022 -Current" (151)

REVIEW SEARCH STRATEGIES FOR QUALITATIVE EVIDENCE

Review question 6

What are the specific needs of younger people living with dementia?

Review question 7c

How should health and social care be coordinated for people living with dementia?

Review question 10a

What barriers and facilitators have an impact on involving people living with dementia in decisions about their present and future care?

Review question 10b

What barriers and facilitators have an impact on how people living with dementia can make use of advance planning?

Review question 24

What models of palliative care are effective for people with dementia?

Number of records per database

Database	Records
Cochrane Database of Systematic Reviews	0
MEDLINE	15542
Embase	21215
Total (Database)	36757
Total (Database) after removing duplicates	21475

NOTE: CENTRAL was not used as it is not **relevant** for qualitative research.

Cochrane Library issue 12, 2022

#1	MeSH descriptor: [Dementia] explode all trees	6872
#2	(dementi* OR pseudodementia):ti,ab	14540
#3	(alzheimer* OR alzeimer* OR (cortical NEAR/4 sclerosis)):ti,ab	12160
#4	((encephalopath* OR cogniti* OR neurocogniti*) NEAR/4 (aids OR hiv)):ti,ab	442
#5	((aphasi* NEAR/4 (primary OR progress*)) OR mesulam* OR ppa OR (ftd NEAR/4 temporal)):ti,ab	600
#6	((creutzfeldt OR jakob*) NEAR/4 (disease OR syndrome)) OR cjd OR (spongiform NEAR/4 encephalopath*) OR "corticostriatospinal degeneration" OR (pseudosclerosis NEAR/4 spastic):ti,ab	63
#7	(binswanger* OR ((subcortic* OR arterisclerotic) NEAR/4 (encephalopath* OR leukoencephalopath*)) OR cadasil*):ti,ab	42
#8	((sub NEXT cortic*) NEAR/4 (encephalopath* OR leukoencephalopath*)):ti,ab	0
#9	((kosaka NEAR/2 shibayama) OR (neurofibrillary NEXT tangle*) OR dntc):ti,ab	77
#10	((frontotemporal OR (fronto NEXT temporal) OR (corticobasal OR (cortico NEXT basal) OR (frontal NEXT lobe))) NEAR/4 (degenerati* OR dysfunction)) OR ftld OR ftlds OR ftd OR ftds):ti,ab	336
#11	(pick* NEAR/1 (complex OR disease* OR syndrome)):ti,ab	47
#12	((wilhemsen NEAR/1 lynch) OR ddpac OR (lob* NEAR/4 atroph*)):ti,ab	67
#13	(huntington* OR ((progressive OR major OR juvenile OR hereditary) NEAR/4 chorea)):ti,ab	732

#14 (((kluver OR kluever) NEAR/4 bucy) OR (("temporal lobectomy" NEAR/4 behavi*) or ("temporal lobe" NEAR/4 dysfunction))):ti,ab 14

#15 ((lewy NEXT bod*) OR dlb OR lbd OR dlbd):ti,ab 502

#16 ((senile NEXT confusion) OR (senile NEXT psychosis) OR senilit*):ti,ab 51

#17 MeSH descriptor: [Tauopathies] this term only 13

#18 tauopath*:ti,ab 51

#19 cerad:ti,ab 136

#20 Posterior NEXT cortic* NEXT atroph* 15

#21 sivd:ti,ab 16

#22 {OR #1-#21} with Cochrane Library publication date from Jan 2016 to present, in Cochrane Reviews 104

Filtered by Review Type: Qualitative 0

Ovid MEDLINE(R) ALL <2016 to December 14, 2022>

1 exp Dementia/ (198230)

2 (dementi* or pseudodementia).tw. (132434)

3 (alzheimer* or alzeimer* or (cortical adj4 sclerosis)).tw. (175309)

4 ((encephalopath* or cogniti* or neurocogniti*) adj4 (aids or hiv)).tw. (4349)

5 ((aphasi* adj4 (primary or progress*)) or mesulam* or ppa or (ftd adj4 temporal)).tw. (6530)

6 (((creutzfeldt or ja?ob*) adj4 (disease or syndrome)) or cjd or (spongiform adj4 encephalopath*) or "corticostriatospinal degeneration" or (pseudosclerosis adj4 spastic)).tw. (11403)

7 (binswanger* or ((subcortic* or "sub cortic*" or arterisclerotic) adj4 (encephalopath* or leukoencephalopath*)) or cadasil*).tw. (2499)

8 ((kosaka adj2 shibayama) or (neurofibrillary adj1 tangle*) or dntc).tw. (9581)

9 (((frontotemporal or (fronto adj temporal) or (corticobasal or (cortico adj basal) or (frontal adj lobe))) adj4 (degenerati* or dysfunction)) or ftld or ftlds or ftd or ftds).tw. (10144)

10 ((pick* adj1 (complex or disease* or syndrome)) or (wilhemsen adj1 lynch) or ddpac or (lob* adj4 atroph*)).tw. (5715)

11 (huntington* or ((progressive or major or juvenile or hereditary) adj4 chorea)).tw. (20277)

12 (((kluver or kluever) adj4 bu?y) or (("temporal lobectomy" adj4 behavi*) or ("temporal lobe" adj4 dysfunction))).tw. (605)

13 ("lewy bod*" or dlb or lbd or dlbd).tw. (13771)

14 ("senile confusion" or "senile psychosis" or senilit*).tw. (845)

15 Tauopathies/ (2410)

16 tauopath*.tw. (4725)

17 cerad.tw. (857)

18 (Posterior adj cortic* adj atroph*).tw. (520)

19 sivd.tw. (169)

20 or/1-19 (333593)

21 qualitative research/ (78226)

22 nursing methodology research/ (16406)

23 exp interviews as topic/ (66804)

24 questionnaires/ (549907)

25 narration/ (9902)

26 health care surveys/ (33978)

27 (qualitative\$ or interview\$ or focus group\$ or questionnaire\$ or narrative\$ or narration\$ or survey\$).tw. (1872560)

28 (ethno\$ or emic or etic or phenomenolog\$ or grounded theory or constant compar\$ or (thematic\$ adj4 analys\$) or theoretical sampl\$ or purposive sampl\$).tw. (134038)

29 (hermeneutic\$ or heidegger\$ or husser\$ or colaizzi\$ or van kaam\$ or van manen\$ or giorgi\$ or glaser\$ or strauss\$ or ricoeur\$ or spiegelberg\$ or merleau\$).tw. (12819)

30 (metasynthes\$ or meta-synthes\$ or metasummar\$ or meta-summar\$ or metastud\$ or meta-stud\$ or metathem\$ or meta-them\$).tw. (2288)

31 "critical interpretive synthes*".tw. (175)

32 (realist adj (review* or synthes*)).tw. (821)

33 (noblit and hare).tw. (94)
 34 (meta adj (method or triangulation)).tw. (44)
 35 (CERQUAL or CONQUAL).tw. (363)
 36 ((thematic or framework) adj synthes*).tw. (1641)
 37 or/21-36 (2092584)
 38 exp Patients/px (18445)
 39 exp Family/px (102045)
 40 Caregivers/px (26056)
 41 ((patient\$ or parent\$ or famil\$ or relative\$ or carer\$ or caregiver\$ or care-giver\$ or inpatient\$ or in-patient\$ or spous\$ or husband\$ or wife\$ or wife\$ or partner\$ or mother\$ or father\$ or sibling\$ or sister\$ or brother\$) adj6 (experience\$ or belief\$ or stress\$ or emotion\$ or anx\$ or fear\$ or concern\$ or uncertain\$ or unsure or thought\$ or feeling\$ or felt\$ or view\$ or opinion\$ or perception\$ or perspective\$ or attitud\$ or satisfact\$ or know\$ or understand\$ or aware\$)).ti. (135015)
 42 Stress, Psychological/ (132317)
 43 Adaptation, psychological/ (102935)
 44 emotions/ (81081)
 45 anxiety/ (102378)
 46 fear/ (37338)
 47 exp consumer satisfaction/ (23682)
 48 patient* report* outcome*.tw. (29112)
 49 or/38-48 (641217)
 50 exp patients/ (78063)
 51 exp family/ (360868)
 52 caregivers/ (47978)
 53 (patient\$ or parent\$ or famil\$ or relative\$ or carer\$ or caregiver\$ or care-giver\$ or inpatient\$ or in-patient\$ or spous\$ or husband\$ or wife\$ or wife\$ or partner\$ or mother\$ or father\$ or sibling\$ or sister\$ or brother\$).ti. (2715773)
 54 or/50-53 (2957597)
 55 pamphlets/ (4098)
 56 needs assessment/ (32293)
 57 information centers/ (1042)
 58 information services/ (15622)
 59 health education/ (63285)
 60 information dissemination/ (19030)
 61 counseling/ (39155)
 62 social support/ (77831)
 63 self-help groups/ (9526)
 64 self care/ (35735)
 65 ((patient\$ or parent\$ or famil\$ or relative\$ or carer\$ or caregiver\$ or care-giver\$ or spous\$ or husband\$ or wife\$ or wife\$ or partner\$) adj6 (educat\$ or informat\$ or communicat\$ or pamphlet\$ or handout\$ or hand-out\$ or hand out\$ or booklet\$ or leaflet\$ or support\$ or need\$ or advice\$ or advis\$)).ti. (66612)
 66 ((patient\$ or parent\$ or famil\$ or relative\$ or carer\$ or caregiver\$ or care-giver\$ or spous\$ or husband\$ or wife\$ or wife\$ or partner\$) adj6 (counsel\$ or selfhelp\$ or self-help\$ or self help\$ or selfcar\$ or self-car\$ or self car\$)).ti. (5270)
 67 patient education as topic/ (88158)
 68 patient education handout/ (5592)
 69 consumer health information/ (4272)
 70 patient* diar*.tw. (1351)
 71 or/55-70 (400141)
 72 54 and 71 (149117)
 73 37 or 49 or 72 (2564383)
 74 animals/ not humans/ (5040364)
 75 73 not 74 (2450449)
 76 20 and 75 (35944)

- 77 limit 76 to yr="2016 -Current" (15929)
- 78 limit 77 to english language (15539)
- 79 limit 77 to italian (3)
- 80 78 or 79 (15542)

Embase <2016 to 2022 December 19>

- 1 exp *Dementia/ (251260)
- 2 (dementi* or pseudodementia).tw. (190402)
- 3 (alzheimer* or alzeimer* or (cortical adj4 sclerosis)).tw. (236562)
- 4 ((encephalopath* or cogniti* or neurocogniti*) adj4 (aids or hiv)).tw. (6411)
- 5 ((aphasi* adj4 (primary or progress*)) or mesulam* or ppa or (ftd adj4 temporal)).tw. (9477)
- 6 (((creutzfeldt or ja?ob*) adj4 (disease or syndrome)) or cjd or (spongiform adj4 encephalopath*) or "corticostriatospinal degeneration" or (pseudosclerosis adj4 spastic)).tw. (14187)
- 7 (binswanger* or ((subcortic* or "sub cortic*" or arterisclerotic) adj4 (encephalopath* or leukoencephalopath*)) or cadasil*).tw. (3589)
- 8 ((kosaka adj2 shibayama) or (neurofibrillary adj1 tangle*) or dntc).tw. (12767)
- 9 (((frontotemporal or (fronto adj temporal) or (corticobasal or (cortico adj basal) or (frontal adj lobe)))) adj4 (degenerati* or dysfunction)) or ftld or ftlds or ftd or ftlds).tw. (17153)
- 10 ((pick* adj1 (complex or disease* or syndrome)) or (wilhemsen adj1 lynch) or ddpac or (lob* adj4 atroph*)).tw. (7567)
- 11 (huntington* or ((progressive or major or juvenile or hereditary) adj4 chorea)).tw. (27373)
- 12 (((kluver or kluever) adj4 bu?y) or (("temporal lobectomy" adj4 behavi*) or ("temporal lobe" adj4 dysfunction))).tw. (781)
- 13 ("lewy bod*" or dlb or lbd or dlbd).tw. (20442)
- 14 ("senile confusion" or "senile psychosis" or senilit*).tw. (915)
- 15 *tauopathy/ (2783)
- 16 tauopath*.tw. (7447)
- 17 cerad.tw. (1653)
- 18 (Posterior adj cortic* adj atroph*).tw. (915)
- 19 sivd.tw. (236)
- 20 or/1-19 (452361)
- 21 qualitative research/ (108048)
- 22 nursing methodology research/ (14829)
- 23 exp interview/ (348541)
- 24 questionnaire/ (849361)
- 25 health care survey/ (22821)
- 26 (qualitative\$ or interview\$ or focus group\$ or questionnaire\$ or narrative\$ or narration\$ or survey\$).tw. (2434264)
- 27 (ethno\$ or emic or etic or phenomenolog\$ or grounded theory or constant compar\$ or (thematic\$ adj4 analys\$) or theoretical sampl\$ or purposive sampl\$).tw. (161564)
- 28 (hermeneutic\$ or heidegger\$ or husser\$ or colaizzi\$ or van kaam\$ or van manen\$ or giorgi\$ or glaser\$ or strauss\$ or ricoeur\$ or spiegelberg\$ or merleau\$).tw. (15639)
- 29 (metasynthes\$ or meta-synthes\$ or metasummar\$ or meta-summar\$ or metastud\$ or meta-stud\$ or metathem\$ or meta-them\$).tw. (2530)
- 30 "critical interpretive synthes*".tw. (176)
- 31 (realist adj (review* or synthes*)).tw. (855)
- 32 (noblit and hare).tw. (105)
- 33 (meta adj (method or triangulation)).tw. (47)
- 34 (CERQUAL or CONQUAL).tw. (383)
- 35 ((thematic or framework) adj synthes*).tw. (1842)
- 36 or/21-35 (2705432)

37 ((patient\$ or parent\$ or famil\$ or relative\$ or carer\$ or caregiver\$ or care-giver\$ or inpatient\$ or in-patient\$ or spous\$ or husband\$ or wife\$ or wife\$ or partner\$ or mother\$ or father\$ or sibling\$ or sister\$ or brother\$) adj6 (experience\$ or belief\$ or stress\$ or emotion\$ or anx\$ or fear\$ or concern\$ or uncertain\$ or unsure or thought\$ or feeling\$ or felt\$ or view\$ or opinion\$ or perception\$ or perspective\$ or attitud\$ or satisfact\$ or know\$ or understand\$ or aware\$)).ti. (182484)

38 psychological adjustment/ (1859)

39 exp customer satisfaction/ (283)

40 patient* report* outcome*.tw. (49849)

41 or/37-38 (184206)

42 exp patient/ (2868351)

43 family/ (100737)

44 caregiver/ (105428)

45 (patient\$ or parent\$ or famil\$ or relative\$ or carer\$ or caregiver\$ or care-giver\$ or inpatient\$ or in-patient\$ or spous\$ or husband\$ or wife\$ or wife\$ or partner\$ or mother\$ or father\$ or sibling\$ or sister\$ or brother\$).ti. (3777147)

46 or/42-45 (5765956)

47 information center/ (16729)

48 information service/ (15721)

49 health education/ (105760)

50 information dissemination/ (24165)

51 counseling/ (77759)

52 social support/ (109110)

53 self help/ (14481)

54 self care/ (71783)

55 ((patient\$ or parent\$ or famil\$ or relative\$ or carer\$ or caregiver\$ or care-giver\$ or spous\$ or husband\$ or wife\$ or wife\$ or partner\$) adj6 (educat\$ or informat\$ or communicat\$ or pamphlet\$ or handout\$ or hand-out\$ or hand out\$ or booklet\$ or leaflet\$ or support\$ or need\$ or advice\$ or advis\$)).ti. (87388)

56 ((patient\$ or parent\$ or famil\$ or relative\$ or carer\$ or caregiver\$ or care-giver\$ or spous\$ or husband\$ or wife\$ or wife\$ or partner\$) adj6 (counsel\$ or selfhelp\$ or self-help\$ or self help\$ or selfcar\$ or self-car\$ or self car\$)).ti. (7060)

57 patient education/ (122541)

58 consumer health information/ (4204)

59 patient* diar*.tw. (2666)

60 or/47-59 (584170)

61 46 and 60 (231516)

62 36 or 41 or 61 (2928234)

63 animal/ not human/ (1170193)

64 62 not 63 (2900759)

65 20 and 64 (44879)

66 limit 65 to yr="2016 -Current" (21537)

67 limit 66 to english language (21213)

68 limit 66 to italian (3)

69 67 or 68 (21215)

Review question 7d

How should health and social care be coordinated for people living with Mild cognitive impairment (MCI)?

Number of records per database

Database	Records
Cochrane Database of Systematic Reviews	0
MEDLINE	6857
Embase	7058
Total (Database)	12.160
Total (Database) after removing duplicates	10369

NOTE: CENTRAL was not used as it is not **relevant** for qualitative research.

Cochrane Library issue 11, 2023

- #1 MeSH descriptor: [Cognitive Dysfunction] this term only 3070
- #2 (cogniti* NEAR/3 (dysfunction* or disorder* or impair* or declin* or deteriorat* or decrement*)):ti,ab 21977
- #3 MCI:ti,ab 3589
- #4 #1 OR #2 OR #3 in Cochrane Reviews 212 Review Type Qualitative 0

Database: Ovid MEDLINE(R) ALL <1946 to November 20, 2023>

Search Strategy:

- 1 Cognitive Dysfunction/ (37525)
- 2 (mild cogniti* adj3 (dysfunction* or disorder* or impair* or declin* or deteriorat* or decrement*)):ti,ab,kf. (26176)
- 3 MCI.ti,ab. (23579)
- 4 1 or 2 or 3 (59464)
- 5 qualitative research/ (84195)
- 6 nursing methodology research/ (16409)
- 7 exp interviews as topic/ (66843)
- 8 *questionnaires/ (50089)
- 9 narration/ (10328)
- 10 health care surveys/ (34058)
- 11 (qualitative\$ or interview\$ or focus group\$ or questionnaire\$ or narrative\$ or narration\$ or survey\$).tw. (2020665)
- 12 (ethno\$ or emic or etic or phenomenolog\$ or grounded theory or constant compar\$ or (thematic\$ adj4 analys\$) or theoretical sampl\$ or purposive sampl\$).tw. (151006)
- 13 (hermeneutic\$ or heidegger\$ or husser\$ or colaizzi\$ or van kaam\$ or van manen\$ or giorgi\$ or glaser\$ or strauss\$ or ricoeur\$ or spiegelberg\$ or merleau\$).tw. (13561)
- 14 (metasynthes\$ or meta-synthes\$ or metasummar\$ or meta-summar\$ or metastud\$ or meta-stud\$ or metathem\$ or meta-them\$).tw. (2620)
- 15 "critical interpretive synthes*".tw. (198)
- 16 (realist adj (review* or synthes*)).tw. (951)
- 17 (noblit and hare).tw. (105)
- 18 (meta adj (method or triangulation)).tw. (47)
- 19 (CERQUAL or CONQUAL).tw. (467)
- 20 ((thematic or framework) adj synthes*).tw. (1983)
- 21 or/5-20 (2118177)
- 22 Stress, Psychological/ (134270)
- 23 Adaptation, psychological/ (104969)
- 24 emotions/ (87247)
- 25 anxiety/ (109179)
- 26 fear/ (39093)

27 exp consumer satisfaction/ (24058)
 28 patient* report* outcome*.tw. (34419)
 29 22 or 23 or 24 or 25 or 26 or 27 or 28 (466832)
 30 exp Patients/px (18555)
 31 exp Family/px (104308)
 32 Caregivers/px (27058)
 33 (patient\$ or parent\$ or famil\$ or relative\$ or carer\$ or caregiver\$ or care-giver\$ or inpatient\$ or in-patient\$ or spous\$ or husband\$ or wife\$ or wive\$ or partner\$ or mother\$ or father\$ or sibling\$ or sister\$ or brother\$).ti. (2865590)
 34 30 or 31 or 32 or 33 (2920822)
 35 29 and 34 (107364)
 36 ((patient\$ or parent\$ or famil\$ or relative\$ or carer\$ or caregiver\$ or care-giver\$ or inpatient\$ or in-patient\$ or spous\$ or husband\$ or wife\$ or wive\$ or partner\$ or mother\$ or father\$ or sibling\$ or sister\$ or brother\$) adj6 (experience\$ or belief\$ or stress\$ or emotion\$ or anx\$ or fear\$ or concern\$ or uncertain\$ or unsure or thought\$ or feeling\$ or felt\$ or view\$ or opinion\$ or perception\$ or perspective\$ or attitud\$ or satisfact\$ or know\$ or understand\$ or aware\$)).ti. (144984)
 37 35 or 36 (226851)
 38 exp patients/ (83953)
 39 exp family/ (372190)
 40 caregivers/ (51271)
 41 (patient\$ or parent\$ or famil\$ or relative\$ or carer\$ or caregiver\$ or care-giver\$ or inpatient\$ or in-patient\$ or spous\$ or husband\$ or wife\$ or wive\$ or partner\$ or mother\$ or father\$ or sibling\$ or sister\$ or brother\$).ti. (2865590)
 42 38 or 39 or 40 or 41 (3114186)
 43 pamphlets/ (4138)
 44 needs assessment/ (32503)
 45 information centers/ (1049)
 46 information services/ (15637)
 47 health education/ (63924)
 48 information dissemination/ (19450)
 49 *counseling/ (17351)
 50 self-help groups/ (9623)
 51 self care/ (36248)
 52 ((patient\$ or parent\$ or famil\$ or relative\$ or carer\$ or caregiver\$ or care-giver\$ or spous\$ or husband\$ or wife\$ or wive\$ or partner\$) adj6 (educat\$ or informat\$ or communicat\$ or pamphlet\$ or handout\$ or hand-out\$ or hand out\$ or booklet\$ or leaflet\$ or support\$ or need\$ or advice\$ or advis\$)).ti. (70801)
 53 ((patient\$ or parent\$ or famil\$ or relative\$ or carer\$ or caregiver\$ or care-giver\$ or spous\$ or husband\$ or wife\$ or wive\$ or partner\$) adj6 (counsel\$ or selfhelp\$ or self-help\$ or self help\$ or selfcar\$ or self-car\$ or self car\$)).ti. (5573)
 54 patient education as topic/ (88366)
 55 patient education handout/ (5705)
 56 consumer health information/ (4322)
 57 patient* diar*.tw. (1380)
 58 or/43-57 (327528)
 59 42 and 58 (127276)
 60 21 or 37 or 59 (2314475)
 61 4 and 60 (7235)
 62 animals/ not humans/ (5139215)
 63 61 not 62 (7153)
 64 limit 63 to yr="1999 -Current" (7072)
 65 limit 64 to english language (6855)
 66 limit 64 to italian (2)
 67 65 or 66 (6857)

Database: Embase <1974 to 2023 November 17>

Strategia di Ricerca:

1 mild cognitive impairment/ (37765)
 2 (mild cogniti* adj3 (dysfunction* or disorder* or impair* or declin* or deteriorat* or decrement*)).ti,ab. (38201)

3 MCI.ti,ab. (41922)
4 1 or 2 or 3 (65013)
5 qualitative research/ (120273)
6 nursing methodology research/ (14834)
7 exp interview/ (375403)
8 questionnaire/ (912414)
9 health care survey/ (24682)
10 (qualitative\$ or interview\$ or focus group\$ or questionnaire\$ or narrative\$ or narration\$ or survey\$).tw. (2615767)
11 (ethno\$ or emic or etic or phenomenolog\$ or grounded theory or constant compar\$ or (thematic\$ adj4 analys\$) or theoretical sampl\$ or purposive sampl\$).tw. (180091)
12 (hermeneutic\$ or heidegger\$ or husser\$ or colaizzi\$ or van kaam\$ or van manen\$ or giorgi\$ or glaser\$ or strauss\$ or ricoeur\$ or spiegelberg\$ or merleau\$).tw. (16440)
13 (metasynthes\$ or meta-synthes\$ or metasummar\$ or meta-summar\$ or metastud\$ or meta-stud\$ or metathem\$ or meta-them\$).tw. (2856)
14 "critical interpretive synthes*".tw. (203)
15 (realist adj (review* or synthes*)).tw. (991)
16 (noblit and hare).tw. (115)
17 (meta adj (method or triangulation)).tw. (50)
18 (CERQUAL or CONQUAL).tw. (486)
19 ((thematic or framework) adj synthes*).tw. (2186)
20 or/5-19 (2912145)
21 ((patient\$ or parent\$ or famil\$ or relative\$ or carer\$ or caregiver\$ or care-giver\$ or inpatient\$ or in-patient\$ or spous\$ or husband\$ or wife\$ or wife\$ or partner\$ or mother\$ or father\$ or sibling\$ or sister\$ or brother\$) adj6 (experience\$ or belief\$ or stress\$ or emotion\$ or anx\$ or fear\$ or concern\$ or uncertain\$ or unsure or thought\$ or feeling\$ or felt\$ or view\$ or opinion\$ or perception\$ or perspective\$ or attitud\$ or satisfact\$ or know\$ or understand\$ or aware\$)).ti. (195591)
22 psychological adjustment/ (2675)
23 exp customer satisfaction/ (445)
24 patient* report* outcome*.tw. (57716)
25 or/21-22 (198073)
26 exp patient/ (3031042)
27 family/ (104068)
28 caregiver/ (115697)
29 (patient\$ or parent\$ or famil\$ or relative\$ or carer\$ or caregiver\$ or care-giver\$ or inpatient\$ or in-patient\$ or spous\$ or husband\$ or wife\$ or wife\$ or partner\$ or mother\$ or father\$ or sibling\$ or sister\$ or brother\$).ti. (4003316)
30 or/26-29 (6098270)
31 information center/ (17746)
32 information service/ (15967)
33 health education/ (110382)
34 information dissemination/ (25234)
35 counseling/ (82414)
36 social support/ (116562)
37 self help/ (14890)
38 self care/ (76948)
39 ((patient\$ or parent\$ or famil\$ or relative\$ or carer\$ or caregiver\$ or care-giver\$ or spous\$ or husband\$ or wife\$ or wife\$ or partner\$) adj6 (educat\$ or informat\$ or communicat\$ or pamphlet\$ or handout\$ or hand-out\$ or hand out\$ or booklet\$ or leaflet\$ or support\$ or need\$ or advice\$ or advis\$)).ti. (92939)
40 ((patient\$ or parent\$ or famil\$ or relative\$ or carer\$ or caregiver\$ or care-giver\$ or spous\$ or husband\$ or wife\$ or wife\$ or partner\$) adj6 (counsel\$ or selfhelp\$ or self-help\$ or self help\$ or selfcar\$ or self-car\$ or self car\$)).ti. (7516)
41 patient education/ (126480)
42 consumer health information/ (4296)
43 patient* diar*.tw. (2758)
44 or/31-43 (615416)
45 30 and 44 (245572)
46 20 or 25 or 45 (3146669)

47 animal/ not human/ (1203515)
48 46 not 47 (3118169)
49 4 and 48 (7357)
50 limit 49 to yr="1999 -Current" (7246)
51 limit 50 to english language (7058)
52 limit 51 to italian (0)
53 limit 50 to english language (7058)