

Supplementary Materials for

Bed rest after cardiovascular implantable electronic device placement: systematic review and meta-analysis

Antonella Ceroni, Erica Busca, Silvia Caristia, Simona Milani, Roberta Casarotto, Giulia Buratti, Samanta Gaboardi, Antonella Croso and Alberto Dal Molin

Corresponding author:

Antonella Ceroni, Unità operativa di Cardiologia, Ospedale Maggiore, Largo Nigrisoli 2, 40133 Bologna, Italy.
Email: antonella.ceroni@gmail.com.

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Appendix 1: Search strategies

MEDLINE search strategy

[(“Pacemaker, Artificial”[Mesh]) OR (“Defibrillators, Implantable”[Mesh]) OR (implantable cardiac defibrillator*[Title/Abstract]) OR (cardiac implantable electronic device*[Title/Abstract]) OR (implantable cardioverter defibrillator*[Title/Abstract]) OR (implantable cardioverterdefibrillator*[Title/Abstract]) OR (implantable cardioverter*[Title/Abstract]) OR (implantable defibrillator*[Title/Abstract]) OR (subcutaneous implantable cardioverter defibrillator*[Title/Abstract]) OR (cardiac resynchronization therapy device*[Title/Abstract]))]

AND

[(“Early Ambulation”[Mesh]) OR (Early Ambulation[Title/Abstract]) OR (Ambulation, Early[Title/Abstract]) OR (Accelerated Ambulation[Title/

Abstract]) OR (Ambulation*, Accelerated[Title/Abstract]) OR (Early Mobilization*[Title/Abstract]) OR (Mobilization*, Early[Title/Abstract]) OR (Ambulation*[Title/Abstract]) OR (Early[Title/Abstract]) OR (Mobilization*[Title/Abstract]) OR (Mobilisation[Title/Abstract]) OR (Immediate Mobilization*[Title/Abstract]) OR (Immediate Mobilisation*[Title/Abstract]) OR (Early Mobilisation*[Title/Abstract]) OR (Mobilisation*, Early[Title/Abstract]) OR (“Posture”[Mesh]) OR

(Posture*[Title/Abstract]) OR (“Walking”[Mesh]) OR walking[Title/Abstract]) OR (ambulation*[Title/Abstract]) OR (early discharge*[Title/Abstract]))]

AND

[(“Bed Rest”[Mesh]) OR (bed rest*[Title/Abstract]) OR (Rest*, Bed[Title/Abstract]) OR (Bedrest*[Title/Abstract]) OR (“Immobilization”[Mesh]) OR (Immobilization[Title/Abstract]) OR (Immobilisation[Title/Abstract]) OR (“Rest”[Mesh]) OR (rest*[Title/Abstract]) OR (resting time[Title/Abstract]))]

AND

[(electrode displacement[Title/Abstract]) OR (displacement[Title/Abstract]) OR (“Dislocations”[Mesh]) OR (dislocation*[Title/Abstract]) OR (“Back Pain”[Mesh]) OR (back pain*[Title/Abstract]) OR (Pain*, Back[Title/Abstract]) OR (Backache*[Title/Abstract]) OR (Back Ache*[Title/Abstract]) OR (Ache*, Back[Title/Abstract]) OR (lumbodorsalgia[Title/Abstract]) OR (“Hematoma”[Mesh]) OR (Hematoma*[Title/Abstract]) OR (Haematoma*[Title/Abstract]) OR (“Hemorrhage”[Mesh]) OR

(Hemorrhag*[Title/Abstract]) OR (Haemorrhage*[Title/Abstract]) OR (Active bleeding*[Title/Abstract]) OR (Bleeding*[Title/Abstract]) OR (“Urination Disorders”[Mesh]) OR (Urination Disorder*[Title/Abstract]) OR (Disorder*, Urination[Title/Abstract]) OR (Micturition disorder*[Title/

Abstract]) OR (“Postoperative Care”[Mesh]) OR (Postoperative Care[Title/Abstract]) OR (Care, Postoperative[Title/Abstract]) OR (“Postoperative Complications”[Mesh]) OR (Complication*,

Postoperative[Title/Abstract]) OR (Postoperative Complication*[Title/Abstract]) OR (Complication*, Postoperative[Title/Abstract]) OR (Postoperative Complication*[Title/Abstract]) OR (“complications” [Subheading]) OR (complication*[Title/Abstract]) OR (“Length of Stay”[Mesh]) OR (Length of Stay[Title/Abstract]) OR (Stay Length*[Title/Abstract]) OR (Hospital Stay*[Title/Abstract]))]

EMBASE search strategy

#1 ‘heart assist device’/mj OR ‘artificial heart’/mj OR ‘artificial heart pacemaker’/mj OR ‘pacemaker’/mj OR ‘pacemaker implantation’/mj OR ‘cardiac resynchronization therapy’/mj OR ‘cardiac resynchronization therapy device’/mj OR ‘cardiac implant’/mj OR ‘heart pacing’/mj OR ‘implantable cardioverter defibrillator’/mj OR ‘cardiovascular monitoring device’/mj OR ‘cardiovascular equipment’/mj OR ‘cardiovascular prosthesis and implant’/mj

#2 ‘mobilization’/mj OR ‘movement (physiology)’/mj OR ‘movement therapy’/mj OR ‘body movement’/mj OR ‘walking’/mj OR ‘physiotherapy’/mj OR ‘early ambulation’

#3 #1 AND #2

Cochrane Database of Systematic Reviews search strategy

ID Search Hits

#1 MeSH descriptor: [Pacemaker, Artificial] explode all trees

#2 MeSH descriptor: [Defibrillators, Implantable] explode all trees

#3 MeSH descriptor: [Infusion Pumps, Implantable] explode all trees

#4 MeSH descriptor: [Cardiac Resynchronization Therapy Devices] explode all trees

#5 pacemaker

#6 #1 or #2 or #3 or #4 or #5

#7 MeSH descriptor: [Early Ambulation] explode all trees

#8 MeSH descriptor: [Walking] explode all trees

#9 MeSH descriptor: [Posture] explode all trees

#10 mobilization

#11 ambulation

#12 #7 or #8 or #9 or #10 or #11

#13 MeSH descriptor: [Bed Rest] explode all trees

- #14 MeSH descriptor: [Immobilization] explode all trees
- #15 MeSH descriptor: [Rest] explode all trees
- #16 #13 or #14 or #15
- #17 MeSH descriptor: [Dislocations] explode all trees
- #18 MeSH descriptor: [Back Pain] explode all trees
- #19 MeSH descriptor: [Low Back Pain] explode all trees
- #20 MeSH descriptor: [Pain] explode all trees
- #21 MeSH descriptor: [Hematoma] explode all trees
- #22 MeSH descriptor: [Hemorrhage] explode all trees
- #23 MeSH descriptor: [Urination Disorders] explode all trees
- #24 MeSH descriptor: [Postoperative Care] explode all trees
- #25 MeSH descriptor: [Postoperative Complications] explode all trees
- #26 MeSH descriptor: [Length of Stay] explode all trees
- #27 MeSH descriptor: [Inpatients] explode all trees
- #28 MeSH descriptor: [Postoperative Complications] explode all trees
- #29 #17 or #18 or #19 or #20 or #21 or #22 or #23 or #24 or #25 or #26 or #27 or #28 78107
- #30 #6 and #12 and #29

CINAHL search strategy

S41	S8 AND S16 AND S40
S40	S22 OR S23 OR S24 OR S25 OR S26 OR S27 OR S28 OR S29 OR S30 OR S31 OR S32 OR S33 OR S34 OR S35 OR S36 OR S37 OR S38 OR S39
S39	AB hospital duration* OR AB inpatient* OR AB bed occupancy
S38	(MH "Inpatients") OR AB hospital stay*
S37	(MH "Length of Stay") OR AB length of stay OR (MH "Bed Occupancy")
S36	AB complication*
S35	(MH "Postoperative Period") OR AB postoperative period
S34	AB post operative period OR AB *operative period
S33	(MH "Postoperative Complications+") OR AB post operative complication* OR AB *operative complication*
S32	(MH "Postoperative Care+") OR AB postoperative car* OR AB *operative car*
S31	AB micturition disorder* OR AB micturition*
S30	(MH "Urination Disorders+") OR AB urination disorder*
S29	(MH "Bleeding Time") OR AB bleeding* OR AB active bleeding*
S28	(MH "Hemorrhage+") OR "hemorrhag*" OR AB haemorrhag*
S27	(MH "Hematoma+") OR AB hematoma* OR AB haematoma*
S26	AB backache* OR AB back ache* OR AB lumbodorsalgia
S25	(MH "Low Back Pain") OR "Low Back Pain"
S24	(MH "Back Pain+") OR AB back pain* OR pain*
S23	AB displacement* OR AB dislocation*
S22	AB electrode displacement* OR AB displacement* OR AB dislocation*
S21	S17 OR S18 OR S19 OR S20
S20	AB rest* OR AB resting time
S19	(MH "Immobilization") OR AB immobilization OR AB immobilisation*
S18	AB rest* OR AB bedrest*
S17	(MH "Bed Rest") OR AB bed rest*
S16	S9 OR S10 OR S11 OR S12 OR S13 OR S14 OR S15
S15	(MH "Early Patient Discharge") OR AB early patient discharge*
S14	(MH "Walking+") OR AB walking
S13	(MH "Posture+") OR AB posture*
S12	AB immediate mobilisation* OR AB early mobilisation* OR AB mobilisation*
S11	AB early mobilization* OR AB mobilization* OR AB immediate mobilization*
S10	AB accelerated ambulation* OR AB ambulation*
S9	(MH "Early Ambulation") OR AB early ambulation* or (MH "Early intervention") OR AB early intervention*
S8	S1 OR S2 OR S3 OR S4 OR S5 OR S6 OR S7
S7	AB automatic implantable cardioverter defibrillator* OR AB automatic implantable device OR AB electronic device*
S6	AB pace maker* OR AB pace-maker* OR AB pacemaker*

S5	AB subcutaneous implantable cardioverter*
S4	(MH "Cardiac Resynchronization Therapy") OR AB cardiac resynchronization therapy
S3	(MH "Infusion Pumps, Implantable") OR AB Infusion Pump*, Implantable OR AB implantable cardioverter defibrillat* OR AB implantable cardiac defibrillator*
S2	AB pacemaker, artificial OR AB Pacemaker Car* OR AB Electrode*, Implant* OR AB Cardiac Pacing, Artific* OR AB Heart Assist Device* OR AB defibrillat*, implantable OR AB cardiovascular implantable electronic device
S1	(MH "Pacemaker, Artificial") OR (MH "Pacemaker Care (Saba CCC)") OR (MH "Electrodes, Implanted+") OR (MH "Cardiac Pacing, Artificial+") OR (MH "Heart Assist Devices") OR (MH "Defibrillators, Implantable") OR (MH "Vascular Access Devices, Implantable")

SCOPUS search strategy

((TITLE-ABS-KEY(pacemaker, artificial)) OR (TITLE-ABS-KEY(defibrillators, implantable)) OR (TITLE-ABS-KEY(implantable cardiac defibrillator*)) OR (TITLE-ABS-KEY(cardiac implantable electronic device*)) OR (TITLE-ABS-KEY(implantable cardioverter*)) OR (TITLE-ABS-KEY(implantable defibrillator*)) OR (TITLE-ABS-KEY(subcutaneous implantable cardioverter defibrillator*)) OR (TITLE-ABS-KEY(cardiac resynchronization therapy device*)))
AND
(((TITLE-ABS-KEY(early ambulation)) OR (TITLE-ABS-KEY(accelerated ambulation*)) OR (TITLE-ABS-KEY(early mobilization*)) OR (TITLE-ABS-KEY(ambulation*)) OR (TITLE-ABS-KEY(early)) OR (TITLE-ABS-KEY(mobilization*)) OR ((TITLE-ABS-KEY(mobilisation*)) OR (TITLE-ABS-KEY(immediate mobilisation*)) OR (TITLE-ABS-KEY(immediate mobilization*)) OR (TITLE-ABS-KEY(early mobilisation*)) OR (TITLE-ABS-KEY(walking)) OR (TITLE-ABS-KEY(ambulation*)) OR (TITLE-ABS-KEY(early discharge*))))))
AND
((TITLE-ABS-KEY(bed rest*)) OR (TITLE-ABS-KEY(bedrest*)) OR (TITLE-ABS-KEY(immobilization*)) OR (TITLE-ABS-KEY(immobilisation*)) OR (TITLE-ABS-KEY(rest*)) OR (TITLE-ABS-KEY(resting time)))
AND
((((TITLE-ABS-KEY(electrode displacement)) OR (TITLE-ABS-KEY(displacement)) OR (TITLE-ABS-KEY(dislocation*)) OR (TITLE-ABS-KEY(back pain*)) OR (TITLE-ABS-KEY(back ache*)) OR (TITLE-ABS-KEY(backache*)) OR (TITLE-ABS-KEY(lumbodorsalgia)) OR ((TITLE-ABS-KEY(haematoma*)) OR (TITLE-ABS-KEY(hematoma*)) OR (TITLE-ABS-KEY(hemorrhag*)) OR (TITLE-ABS-KEY(haemorrhag*)) OR (TITLE-ABS-KEY(active bleeding*)) OR (TITLE-ABS-KEY(bleeding*)) OR (TITLE-ABS-KEY(urination disorder*))) OR (((TITLE-ABS-KEY(electrode displacement)) OR (TITLE-ABS-KEY(displacement)) OR (TITLE-ABS-KEY(dislocation*)) OR (TITLE-ABS-KEY(back pain*)) OR (TITLE-ABS-KEY(back ache*)) OR (TITLE-ABS-KEY(backache*)) OR (TITLE-ABS-KEY(lumbodorsalgia)) OR ((TITLE-ABS-KEY(haematoma*)) OR (TITLE-ABS-KEY(hematoma*)) OR (TITLE-ABS-KEY(hemorrhag*)) OR (TITLE-ABS-KEY(haemorrhag*)) OR (TITLE-ABS-KEY(active bleeding*)) OR (TITLE-ABS-KEY(bleeding*)) OR (TITLE-ABS-KEY(urination disorder*)))))) OR ((TITLE-ABS-KEY(micturition disorder*)) OR (TITLE-ABS-KEY(postoperative care)) OR (TITLE-ABS-KEY(postoperative complication*)) OR (TITLE-ABS-KEY(complication*)) OR (TITLE-ABS-KEY(length of stay))))))