

## Legend of the Validity

**E= major error**

**W= warning/minor error on variables different from stage or treatment**

**WS= warning/minor error on variables related to stage information**

**WT= warning/minor error on variables related to type of treatment**

<b>IdError EU6</b>	<b>Validity</b>	<b>Error type</b>	<b>Error Description</b>
141	E	RANGE	Patient identification code: value not allowed
142	E	RANGE	Tumour identification: value not allowed
144	E	RANGE	Sex: value not allowed
145	E	RANGE	Date of incidence (DoI): value not allowed
146	E	Internal consistency	Invalid and not computable Age at diagnosis(DoI-DoB)
146.1	E	Internal consistency	Invalid combination between 11_Age and (DoI-DoB)
148	E	RANGE	Topography: value not allowed (T of metastasis is not admitted)
149	E	RANGE	Morphology: value not allowed
152	E	Internal consistency	Incidental finding of cancer at autopsy: value not allowed
153	E	RANGE	The last known vital status: value not allowed
154	E	RANGE	Date of last known vital status (DoFU): value not allowed
155	E	Internal consistency	Duration of survival in days: value not allowed
155.1	E	Internal consistency	Invalid combination between Duration of survival in days and (DoFU-DoI)
188	E	Internal consistency	Patient ID duplicated
189	E	Internal consistency	Dates' sequence
190	E	Internal consistency	female/site combination
191	E	Internal consistency	male/site combination
267	E	Internal consistency	DCO cannot be alive
268	E	Internal consistency	Autopsy cases cannot be alive
269	E	Internal consistency	DCO with survival time
270	E	Internal consistency	DCO with survival time (FUP-Inc dates)
271	E	Internal consistency	Autopsy cases with survival time

272	E	Internal consistency	Autopsy cases with survival time (FUP-Inc dates)
140	W	RANGE	Check flag: value not allowed
143	W	RANGE	Date of birth (DoB): value not allowed
147	W	RANGE	Basis of diagnosis: value not allowed
150	W	RANGE	ICD-O-3 behaviour: value not allowed
151	W	RANGE	Grade(ICD-O-3): value not allowed
156	W	RANGE	Laterality of paired organs: value not allowed
157	W	RANGE	Date of case registration: value not allowed
158	W	RANGE	Official underlying cause of death: value not allowed
159	W	RANGE	ICD edition used for coding cause of death: value not allowed
192.1	W	Internal consistency	hepatoblastoma AGE > 5
192.2	W	Internal consistency	retinoblastoma AGE > 5
193.1	W	Internal consistency	NGGC AGE > 7
193.2	W	Internal consistency	Wilms AGE > 8
194.1	W	Internal consistency	neuroblastoma AGE > 9 e < 50
194.2	W	Internal consistency	neuroblastoma AGE > 50
194.3	W	Internal consistency	ganglioneuroblastoma AGE > 9
195	W	Internal consistency	Hodgkin AGE < 3
196	W	Internal consistency	Ewing AGE < 4
197	W	Internal consistency	carcinoma NOS AGE < 5
197.1	W	Internal consistency	carcinoma NOS AGE < 5 ALIVE liver and optic-cranial nerve
197.2	W	Internal consistency	carcinoma NOS AGE < 1 ALIVE unknown primary site
198	W	Internal consistency	osteo- & chondrosarcoma AGE < 6
199.1	W	Internal consistency	thyroid AGE < 6
199.2	W	Internal consistency	nasopharinx AGE < 6
200	W	Internal consistency	renal carcinoma AGE < 9
201	W	Internal consistency	hepatic carcinoma AGE < 9
202	W	Internal consistency	gonadal carcinoma AGE < 15
203	W	Internal consistency	mesothelioma AGE < 15
204	W	Internal consistency	placental tumours AGE < 10 or > 60
205	W	Internal consistency	unlikely sites AGE < 20

205.1	W	Internal consistency	unlikely sites AGE < 20 no sarcoma
206	W	Internal consistency	unlikely site (c17) and morphology (<9590) AGE < 20
207	W	Internal consistency	unlikely site and morphology (no carcinoid) AGE < 20
208	W	Internal consistency	unlikely morphology (mm e cll) AGE < 25
209	W	Internal consistency	prostate adenocarcinoma AGE < 40
210	W	Internal consistency	Unlikely at AGE > 14
211	W	Internal consistency	Unlikely site/morphology (IARC criteria)
212	W	Internal consistency	Unlikely site/morphology (added EUROCORE criteria)
258	W	Internal consistency	Skin carcinoma AGE < 5
259	W	Internal consistency	Unlikely site pancreas AGE < 15
260.1	W	Internal consistency	Unlikely morpho (cml) AGE < 30
260.2	W	Internal consistency	Unlikely site (penis) AGE < 30
261	W	Internal consistency	Morphology and behaviour: value not allowed
263.1	W	Internal consistency	grade=5 valid morphology combinations (Table 7 ENCR)
263.2	W	Internal consistency	grade=6 valid morphology combinations (Table 7 ENCR)
263.3	W	Internal consistency	grade=8 valid morphology combinations (Table 7 ENCR)
264	W	Internal consistency	morphologies implying grading (Table 8 ENCR)
265	W	Internal consistency	grading=5-8 and morpho not hematological
266	W	Internal consistency	unlikely sex-morphology combinations (Table 5 ENCR)
160	WS	RANGE	Additional descriptor for TNM: value not allowed
161	WS	RANGE	TNM stage, pathological primary site (pT): value not allowed
162	WS	RANGE	TNM stage, pathological lymph nodes (pN): value not allowed
163	WS	RANGE	TNM stage, pathological metastases (pM): value not allowed
164	WS	RANGE	TNM stage, clinical primary site (cT): value not allowed
165	WS	RANGE	TNM stage, clinical lymph nodes (cN): value not allowed
166	WS	RANGE	TNM stage, clinical metastases (cM): value not allowed
167	WS	RANGE	TNM stage grouping: value not allowed
168	WS	RANGE	TNM edition: value not allowed
169	WS	RANGE	Condensed TNM, T: value not allowed
170	WS	RANGE	Condensed TNM, N: value not allowed
171	WS	RANGE	Condensed TNM, M: value not allowed

172	WS	RANGE	Dukes' stage: value not allowed
173	WS	RANGE	FIGO stage: value not allowed
174	WS	RANGE	ANN ARBOR stage: value not allowed
175	WS	RANGE	GLEASON grading: value not allowed
176	WS	RANGE	BRESLOW thickness: value not allowed
177	WS	RANGE	Summary extent of disease (EoD): value not allowed
178	WS	RANGE	Tumour size in mm: value not allowed
179	WS	RANGE	Number examined nodes: value not allowed
180	WS	RANGE	Number metastatic nodes: value not allowed
181	WS	RANGE	Sentinel nodes: value not allowed
182	WS	RANGE	Metastatic in sentinel nodes: value not allowed
183	WS	RANGE	C factor: value not allowed
274.1	WS	Internal consistency	Inconsistent site (C809) and TNM
274.2	WS	Internal consistency	Inconsistent site (C77) and TNM
274.3	WS	Internal consistency	Inconsistent site (C809) and Condensed TNM
274.4	WS	Internal consistency	Inconsistent site (C77) and Condensed TNM
274.5	WS	Internal consistency	Inconsistent site and EOD
275.1	WS	Internal consistency	Inconsistent behaviour=6 and stage
275.2	WS	Internal consistency	Inconsistent behaviour not malignant and advanced stage
275.3	WS	Internal consistency	Inconsistent behaviour malignant and stage in situ
276	WS	Internal consistency	Inconsistent EOD-1 and TNM
277	WS	Internal consistency	Inconsistent EOD-1 and condensed TNM
278	WS	Internal consistency	Inconsistent EOD-2 and TNM
279	WS	Internal consistency	Inconsistent EOD-2 and condensed TNM
280	WS	Internal consistency	Inconsistent EOD-3 and TNM
281	WS	Internal consistency	Inconsistent EOD-3 and condensed TNM
282.1	WS	Internal consistency	Inconsistent TNM N and condensed TNM
282.2	WS	Internal consistency	Inconsistent TNM M and condensed TNM
283	WS	Internal consistency	Inconsistent metastatic nodes and stage
285	WS	Internal consistency	inconsistent BoD metastatic and stage
286	WS	Internal consistency	inconsistent BoD MicrVerified and stage in situ

287	WS	Internal consistency	inconsistent stage and BoD
288	WS	Internal consistency	inconsistent met sent nodes and stage (or sent nodes)
184	WT	RANGE	Surgery: value not allowed
185	WT	RANGE	Systemic therapy: value not allowed
186	WT	RANGE	Radiotherapy: value not allowed
187	WT	RANGE	Bone marrow transplantation: value not allowed