

SUPPLEMENT

Clinical Management of Unruptured Intracranial Aneurysm in Germany: A Nationwide Observational Study Over a Five Year Period (2005-2009)

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Supplementary Tables

Supplementary Table 1: Coding algorithms for modified Charlson comorbidity index

Comorbidities	ICD-10-GM
Myocardial infarction	I25.2
Congestive heart failure	I11.0, I11.3, I13.2, I25.5, I42.0, I42.5-I43.2, I43.8, I43.9, I43, I50.0, I50.1, I50.9, I50
Peripheral vascular diseases	I70.0-I70.2, I70.8-I71.9, I70, I71, I77.1, I79.0, I79.2, K55.1, Z95.8, I95.9
Cerebrovascular diseases	G45.0-G45.4, G45.8, G45.9-G46.8, I67.1-I67.9, I68.1, I68.2, I68.8, I69.0-I69.4, I69.8, I69.9, F00.0-F00.2, F00.9, F03, G30.0, G30.1, G30.8, G30.9, G31.1
Pulmonary diseases	I27.8, I27.9, J40, J41.0, J41.1, J41.8, J42, J43.0-J43.2, J43.8, J43.9, J44.0, J44.1, J44.8, J44.9, J45.0, J45.1, J45.8, J45.9, J45, J46, J47, J60, J61, J62.0, J62.8, J62, J63.0-J63.5, J63.8, J63, J64, J65, J66.0, J66.1, J66.2, J66.8, J66, J67.0-J67.9, J67, J68.4, J70.1, J70.3
Rheumatic diseases	M05.0-M05.3, M05.8, M05.9, M05, M06.0-M06.4, M06.8, M06.9, M06, M31.5, M32.0, M32.1, M32.8, M32.9, M32, M33.0, M33.1, M33.9, M33, M34.0, M34.1, M34.8, M34.9, M34, M35.1, M35.3, M36.0
Peptic ulcer disease	K25, M26, M27, M28
Mild liver diseases	B18.0-B18.2, B18.8, B18.9, B18, K70.0-K70.3, K70.9, K71.3-K71.5, K71.7, K73.0-K73.2, K73.8, K73.9, K73, K74.0-K74.6, K74, K76.0, K76.2, K76.4, K76.8, K76.9, Z94.4
Diabetes without complications	E10.0, E10.1, E10.6, E10.8, E10.9, E11.1, E11.6, E11.8, E12.0, E12.1, E12.6, E12.8, E12.9, E13.0, E13.1, E13.6, E13.8, E13.9, E14.1, E14.6, E14.8
Diabetes with complications	E10.3-E10.5, E10.7, E11.2-E11.5, E11.7, E12.2-E12.5, E12.7, E13.2-E13.5, E13.7, E14.2-E14.5, E14.7
Hemi- or paraplegia	G11.4, G80.1, G80.2, G81, G81.0, G81.1, G81.9, G82, G82.0, G82.1-G82.5, G83.0-G83.4, G83.9
Renal diseases	I12.0, I13.1, N03.2-N03.7, N05.3-N05.7, N18.0, N18.8, N18.9, N18, N19, N25.0, Z49.0-Z49.2, Z94.0, Z99.2
Metastatic diseases	C77.1-C77.5, C77.8, C77.9, C77, C78.0-C78.8, C78, C79.0-C79.8, C79, C80
Cancer (without non-melanoma skin cancer)	C00-C09, C10-C19, C20-C29, C30-C39, C40-C43, C45-C49, C50-C59, C60-C69, C70-C76, C81-C89, C90-C97
Moderate or severe liver disease	I85.0, I85.9, I86.4, I98.2, K70.4, K71.1, K72.1, K76.5, K76.6, K76.7
AIDS-HIV	B20.0-B20.9, B20, B21.0-B21.3, B21.7-B21.9, B21, B22.0-B22.2, B22.7, B22, B23.0-B23.2, B23.8, B23, B24

Supplementary Table 2: Weights for age-standardization (Midyear population of Germany 2007)

Age group (years)	Weight
0-4	4238.18
5-9	4681.81
10-14	4890.67
15-19	5716.39
20-24	5897.77
25-29	6014.52
30-34	5770.28
35-39	7559.20
40-44	8745.01
45-49	8046.76
50-54	6985.87
55-59	6307.85
60-64	5199.50
65-69	6553.83
70-74	4978.13
75-79	3714.88
80-84	2648.28
85 +	2051.08