

**Supplementary Table 3: ICD-10 and ICPM codes used in the study.**

Diagnosis/intervention	Description	ICD codes	ICPM codes
AMI with PCI	Occurrence of defined ICD codes in inpatient	I2100, I2110, I2120, I2130,	12730, 12731, 12740, 12750, 12751,
	I2140, records as primary or secondary diagnosis	I2190, I2200, I2210, I2280,	12752, 12754, 12760, 12780, 33970,
	I2290, together with defined ICPM codes within $\pm$ 30	I2300, I2310, I2320, I2330,	33971, 33972, 33974, 33975, 33976,
	I2340,		33981, 33982, 33983, 33984, 33985,
	days	I2350, I2360, I2370, I2380, I2390	33986, 33987, 33988, 33989
Stroke	Stroke as primary diagnosis in inpatient records	I61, I6290, I63, I64	
LLA	ICPM codes in inpatient records		58450, 58460, 58470, 58471, 58480,
			58530
HHF	CHF ICD codes in inpatient records as primary	I50, I42, I110, J81 diagnosis	
Cancer	Minimum 2 ICD codes of cancer together with C00 - C99 the criteria of ICD repetition within a period more than 30 days but less than or equal to 365 days in in- and outpatient records		
COPD	Minimum 2 ICD codes of COPD together with J43, J44 the criteria of ICD repetition within a period more than 30 days but less than or equal to 365 days (in and outpatient records).		
Keto-/lactate acidosis	Occurrence of ICD codes in inpatient (primary diagnosis) records.	E101, E111, E121, E121, E141, E872	
Lower limb amputations	Occurrence of defined ICPM codes in inpatient records.		58450, 58460, 58470, 58471, 58480, 58530

Major organ specific One occurrence of following bleeding ICD D62, I60, I61, I62, R31, R04, D500, bleeding codes in inpatient (primary diagnosis) records. H313, H356, H431, H450, I312, I850, K250, K252, K254, K256,

K260, K262, K264, K266, K270,  
K272, K274, K276, K280, K282,  
K284, K286, K625, K661, K920,  
K921, K922, S064, S065, S066,  
J942, K228F, K298A, K638B,  
K638C, K838F, K868G, I864A,  
H052A, S368D, G951A

Periferial arterial disease Occurrence of defined ICD codes in inpatient I701, I702, I703, I704, I705, I706,

(PAD) (primary diagnosis) records. I707, I708, I709, I7039

PCI with stent Occurrence of defined ICPM codes in inpatient 33970, 33971, 33972, 33974, 33975,

records. 33976, 33981, 33982, 33983, 33984,

33985, 33986, 33987, 33988, 33989 Severe

hypoglycemia Occurrence of ICD codes in inpatient (primary E100, E110, E120, E130, E140,

diagnosis) records. E160, E161, E162

ICD-10 = international Classification of Diseases Version 10, ICPM = Hungarian modification of International Classification of Procedures in Medicine (ICPM) published in 1978. AMI = Acute myocardial infarction, PCI = percutaneous coronary stent implantation, LLA = Lower limb amputation, HHF = hospitalization for heart failure.