

Supplementary material

SKS codes for surgical procedure, identification of index amputation

Above Knee Amputation (AKA)

Hip-exarticulation	(KNFQ09)
Trans-Femoral amputation	(KNFQ19, KNFQ99)

Below Knee Amputation (BKA)

Knee disarticulation	(KNGQ09)
Trans-Tibial amputation	(KNGQ19, KNGQ99)
Foot amputation	(KNHQ00-08)
Toe amputation	(KNHQ10-18, KNHQ 90-99)

Rank of amputation procedure

1. Hip-exarticulation	(KNFQ09)
2. Trans-Femoral amputation	(KNFQ19, KNFQ99)
3. Knee disarticulation	(KNGQ09)
4. Trans-Tibial amputation	(KNGQ19, KNGQ99)
5. Foot amputation	(KNHQ10-18, KNHQ 90-99)
6. Revision of stump or related amputation procedure after Hip-exarticulation or Trans-Femoral amputation	(KNFQ29, KNFQ39, KNFQ49)
7. Revision of stump or related procedure after Knee disarticulation or Trans-Tibial amputation	(KNGQ29, KNGQ39, KNGQ49)
8. Toe amputation	(KNHQ00-08)
9. Stump revision of foot or toe amputation	(KNHQ20-28)

ICD10 code for diagnosis

Atherosclerosis	DI70
Atherosclerosis, extremities	D1702
Diabetes	
Neuropathy	DE104, DE114, DE124, DE134, DE144
Retinopathy	DE103, DE113, DE123, DE133, DE143
Nephropathy	DE102, DE122, DE132, DE142
Foot ulcer	DE105, DE115, DE125, DE135, DE145
Ulcer	D197, DL88, DI89, DL984, DS91, DR02, DL02
Apoplexia	DI60, DI61, DI62, DI63, DI64
Emboli	DI80, DI81, DI82, DI74
Bone cancer	DC40, DC41, DC49
Arthrosis	DM15, DM16, DM17, DM18, DM19

ACT codes for medication

Antidiabetic therapy	
Insulins	A10A
Blood Glucose lowering drugs	A10B
Antithrombotic drugs	B01A
Drugs for hypertension	
Antihypertensives	C02DB, C02CA, C08, C09
Diuretics, Thiazides, plan	C03AA - Eller hele gruppen C03 Diuretics ?
Beta blockers	C07
Cholesterol-lowering drugs	C10AA, C10AB, C10AD, C10AX, C10B
Corticosteroids for systemic use	H02A
Obstructive airway disease	R03
Opioids	N02A
Codeine	R05DA04
Acetaminophen	N02B
NSAID	M01A
Neuropathic pain relievers	
Antiepileptics drugs	N03AX
Antidepressants	N06AA, N06AX
Drugs for alcohol addiction	N07BB, N03AA, N05BA
Drugs for smoking cessation	N07BA, N06AX,

Progression of disease preceding lower extremity amputation in Denmark: A longitudinal registry study of diagnoses, use of medication and healthcare services 14 years prior to amputation

Codes used to estimate the progression of diseases over 14 years prior to amputation by combining diagnosis and prescribed medication

Atherosclerosis^{Com}

Arteriosclerosis	ICD code DI70
Cholesterol-lowering drugs	ACT code C10AA, C10AB, C10AD, C10AX, C10B

Diabetes^{Com}

Diabetes	ICD code DE10, DE11, DE12, DE13, DE14
Antidiabetic therapy	ACT code A10A, A10B

Cardiovascular diseases^{Com}

Cardiac ischemia	ICD code DI20, DI21, DI22, DI23, DI24, DI25,
Congestive heart failure, cardiac arrhythmia,	Elx_GRP_1, ELX_GRP_2
Beta blockers, Antithrombotic drugs	ACT code C07, B01A

Hypertension^{Com}

Hypertension	ICD code DI10, DI11, DI12, DI13, DI,15
Drugs for hypertension	ACT code C02DB, C02CA, C03AA, C08, C09

Prescribed opioids

ACT code, opioids	ACT code N02A, R05DA04
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Subgroup analysis according to diseases

CVD

Arteriosclerosis	ICD code DI70
Cardiac ischemia	ICD code DI20, DI21, DI22, DI23, DI24, DI25,
Congestive heart failure, cardiac arrhythmia,	Elx_GRP_1, ELX_GRP_2
Emboli	DI80, DI81, DI82, DI74
Stroke	DI60, DI61, DI62, DI63, DI64, DG45, DG46
Cerebrocardiovascular disease	CC_GRP_4

Diabetes:

Diabetes^{Com}

In risk of LEA

Group "CVD" and "Diabetes^{Com}" combined

No CVD or Diabetes

Patient not included in the group "In risk of LEA"

Note: ELX_GRP_x refers to The Elixhauser Comorbidity Index, CC_GRP_X refers to Charlson Comorbidity Index