

Supplementary 1.

	ICD-10 codes and NOMESCO codes for procedures	Anatomical Therapeutic Chemical (ATC) codes
	<i>10 years prior to major LEA index date in the National Patient Registry</i>	<i>Minimum two redeemed prescriptions in the Register of Pharmaceutical Sales within a two-year period from major LEA index date</i>
Cardiovascular disease (1, 2)	<p>Atrial fibrillation and flutter</p> <p>DI48 - Atrial fibrillation and flutter</p> <p>Atherosclerosis</p> <p>DI70 – Atherosclerosis DI71 - Aortic aneurysm and dissection DI73.9A - Intermittent claudication DI73.9C – <i>“Iskæmiske hvilesmerter i underekstremitet”</i></p> <p>Cerebrovascular</p> <p>DG45 - Transient cerebral ischaemic attacks and related syndromes DI60 - Subarachnoid haemorrhage DI61 - Intracerebral haemorrhage DI62 - Other nontraumatic intracranial haemorrhage DI63 - Cerebral infarction DI64 - Stroke, not specified as haemorrhage or infarction DI65 - Occlusion and stenosis of precerebral arteries, not resulting in cerebral infarction DI66 - Occlusion and stenosis of cerebral arteries, not resulting in cerebral infarction DI67 - Other cerebrovascular diseases DI68 - Cerebrovascular disorders in diseases classified elsewhere DI69 - Sequelae of cerebrovascular disease</p> <p>Ischaemic Heart Diseases</p> <p>DI20 – Angina pectoris DI21 – Acute myocardial infarction DI23 – Certain current complications following acute myocardial infarction DI24 – Other acute ischaemic heart diseases DI25 - Chronic ischaemic heart disease</p> <p>NOMESCO codes for procedures KFNA – Connection to coronary artery from internal mammary artery</p>	<p>Medical treatment of Ischaemic Heart Disease and Heart Failure</p> <p>C01A – Cardiac Glycosides C01B – Antiarrhythmics, class I and III C01D – Vasodilators used in cardiac diseases C01E – Other cardiac preparations</p>

	<p>KFNB – Connection to coronary artery from gastroepiploic artery KFNC – Aorto-coronary venous bypass KFND – Aorto-coronary bypass using prosthetic graft KFNE – Coronary bypass using free arterial graft KFNF – Coronary thrombendarterectomy KFNG - Expansion and recanalisation of coronary artery</p> <p>Heart Failure</p> <p>DI11 – Hypertensive heart disease DI13 – Hypertensive heart and renal disease DI50 – Heart failure</p>	
Kidney disease (1)	<p>Chronic Kidney Disease</p> <p>DN18 – Chronic Kidney Disease</p> <p>NOMESCO codes for procedures</p> <p>BJFD – Dialysis BJFZ – Partial procedures in dialysis treatment KJAK10 - Laparotomy and insertion of peritoneal dialysis catheter KKAS00 - Autotransplantation of kidney KKAS10 - Allogenic transplantation of kidney from cadaver donor KKAS20 - Allogenic transplantation of kidney from living donor KKAS40 - Excision of transplanted kidney KKAS41 - Percutaneous endoscopic excision of transplanted kidney KKAS50 - Nephrocystostomy in transplanted kidney KKAS60 - Operation for lymphocele of transplanted kidney KKAS61 - Percutaneous endoscopic operation for lymphocele of transplanted kidney KKAS70 – <i>“Uretertransposition til transplanteret urinleder eller nyrebækken”</i></p> <p>Ureter/Renal pelvis</p> <p>NOMESCO codes for procedures</p> <p>KKAS96 - Other transplantation of kidney or related procedure KKAS97 - Other percutaneous endoscopic procedure on transplanted kidney KPBL - Construction of arteriovenous fistula from arteries of upper extremity</p>	
Osteoporosis (2, 3)	<p>DM80 - Osteoporosis with pathological fracture DM81 - Osteoporosis without pathological fracture DM82 - Osteoporosis in diseases classified elsewhere</p>	M05 – Drugs for treatment of bone diseases
Muskeloskeletal disease (2)	DM05 - Seropositive rheumatoid arthritis	

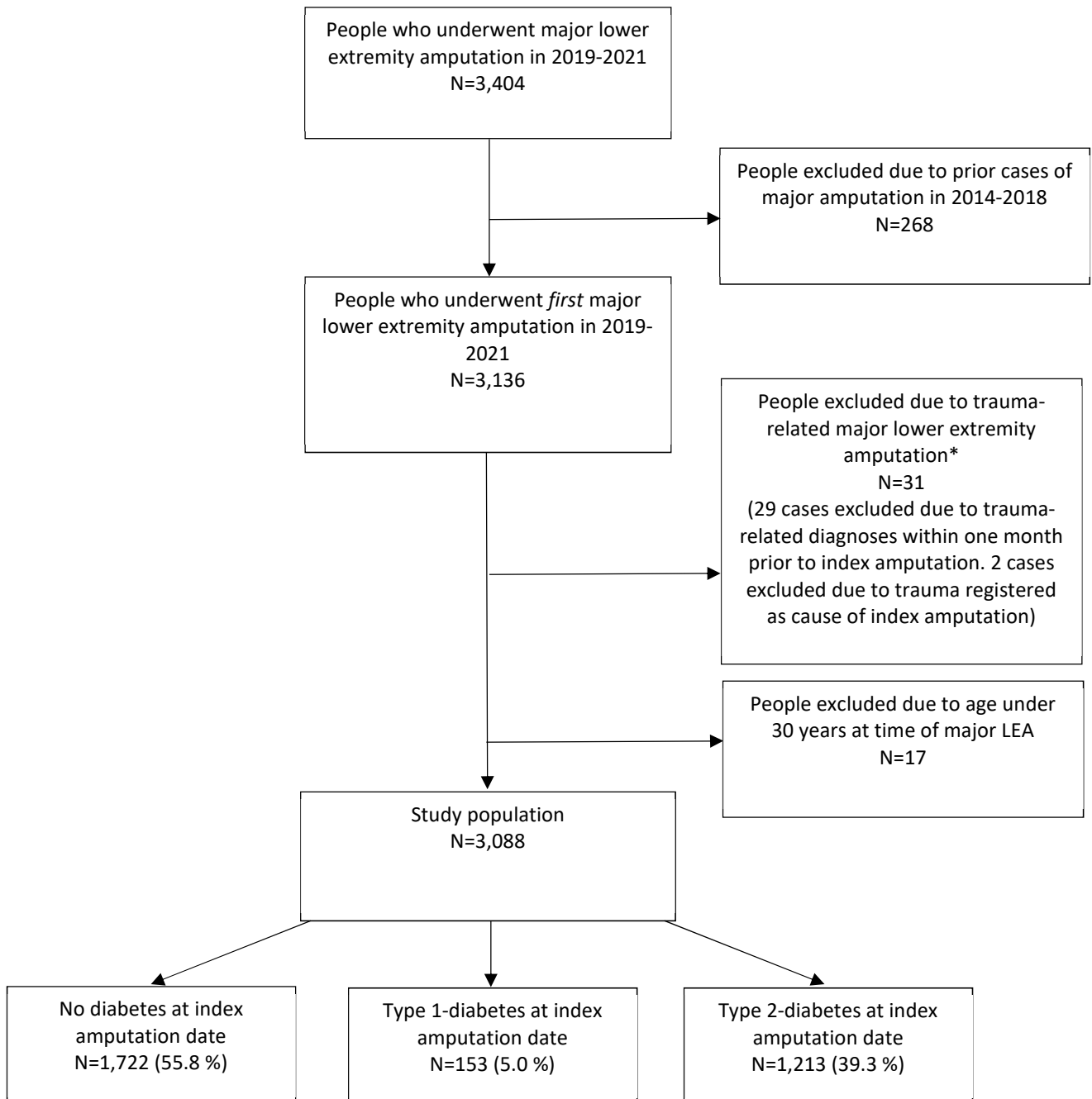
	DM06.0 - Seronegative rheumatoid arthritis DM06.8 - Other specified rheumatoid arthritis DM07.0 - Distal interphalangeal psoriatic arthropathy DM07.1 - Arthritis mutilans DM07.3 - Other psoriatic arthropathies DM10.0 - Idiopathic gout DM10.9 - Gout, unspecified DM15 - Polyarthrosis DM16 - Coxarthrosis [arthrosis of hip] DM17 - Gonarthrosis [arthrosis of knee] DM18 - Arthrosis of first carpometacarpal joint DM19 - Other arthrosis DM40-M43 - Deforming dorsopathies DM40 - Kyphosis and lordosis DM41 - Scoliosis DM42 - Spinal osteochondrosis DM43 - Other deforming dorsopathies DM45-DM49 - Spondylopathies DM45 - Ankylosing spondylitis DM46 - Other inflammatory spondylopathies DM47 - Spondylosis DM48 - Other spondylopathies DM49 - Spondylopathies in diseases classified elsewhere DM50-DM54 - Other dorsopathies DM50 - Cervical disc disorders DM51 - Other intervertebral disc disorders DM53 - Other dorsopathies, not elsewhere classified DM54 – Dorsalgia	
Psychiatric disease (3, 4)	DF00-DF99 – Mental and behavioural disorders	N05A – Antipsykotika N05B – Anxiolytics N05C – Hypnotics and sedatives N06A – Antidepressants
Pulmonary disease (COPD and Asthma) (2, 3)	COPD DJ40 – Bronchitis, not specified as acute or chronic DJ41 – Simple and mucopurulent chronic bronchitis DJ42 – Unspecified chronic bronchitis DJ43 – Emphysema DJ44 – Other chronic obstructive pulmonary disease DJ47 – Bronchiectasis DJ96 – Respiratory failure, not elsewhere classified Asthma DJ45 – Asthma DJ46 – Status asthmaticus	R03 – Drugs for obstructive airway diseases
Trauma-related major lower-extremity amputation	Diagnoses DS74: Injury of nerves at hip and thigh level DS75: Injury of blood vessels at hip and thigh level DS77: Crushing injury of hip and thigh DS78: Traumatic amputation of hip and thigh	

	<p>DS80: Superficial injury of lower leg DS85: Injury of blood vessels at lower leg level DS87: Crushing injury of lower leg DS88: Traumatic amputation of lower leg DS95: Injury of blood vessels at ankle and foot level DS97: Crushing injury of ankle and foot DS98: Traumatic amputation of ankle and foot DT0: Superficial injuries involving multiple body regions</p> <p>National Patient Registry contact codes used to exclude hospital contacts</p> <p><i>NPR2:</i></p> <p>Ulykke ("Accident"), voldshandling ("Act of violence" and selvmord / selvmordsforsøg ("Suicide / Suicide attempt") (c_kontaars: 2, 3, 4)</p> <p><i>NPR3:</i></p> <p>ALCC02 - Ulykke ("Accident") ALCC03 - Voldshandling ("Act of violence" ALCC04 – Selvmordsforsøg ("Suicide attempt") ALCC05 - Anden tilsigtet selvskade ("Other types of intentional self-harm")</p>	
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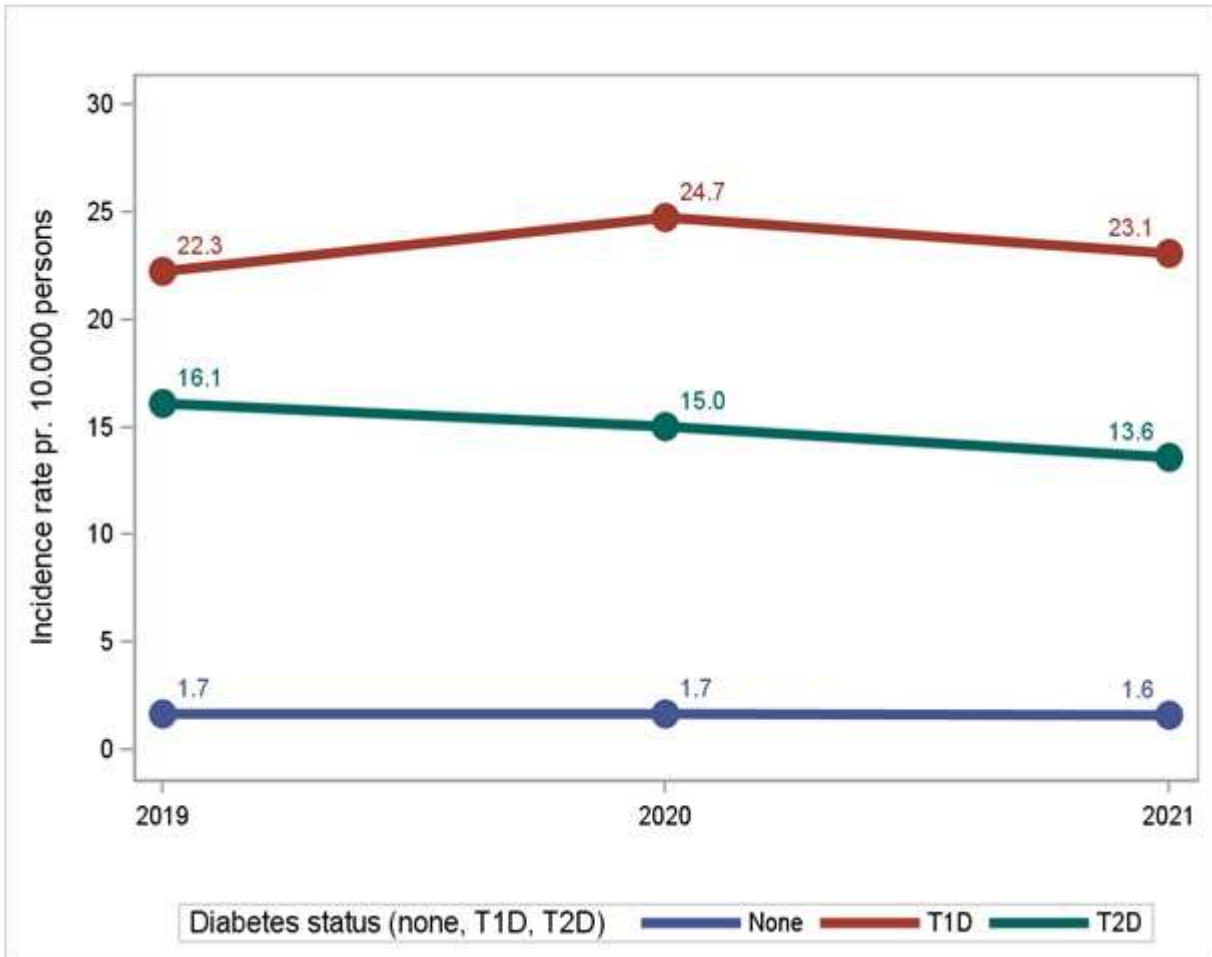
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Supplementary 2.

Identification of people who underwent first non-traumatic major lower-extremity amputation (2019-2021)

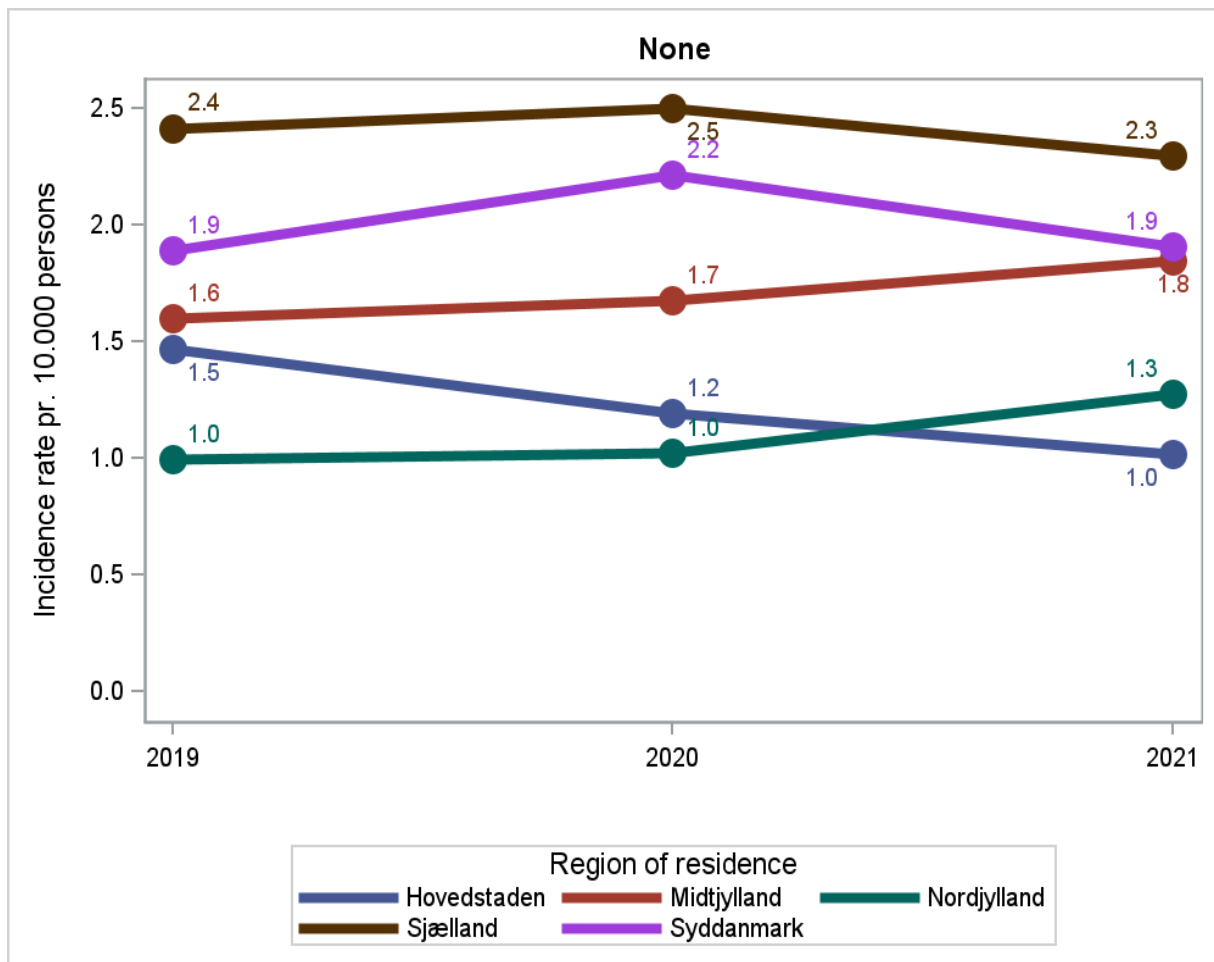


The incidence rate of people who underwent first non-traumatic major lower leg amputation according to diabetes type (2019-2021)



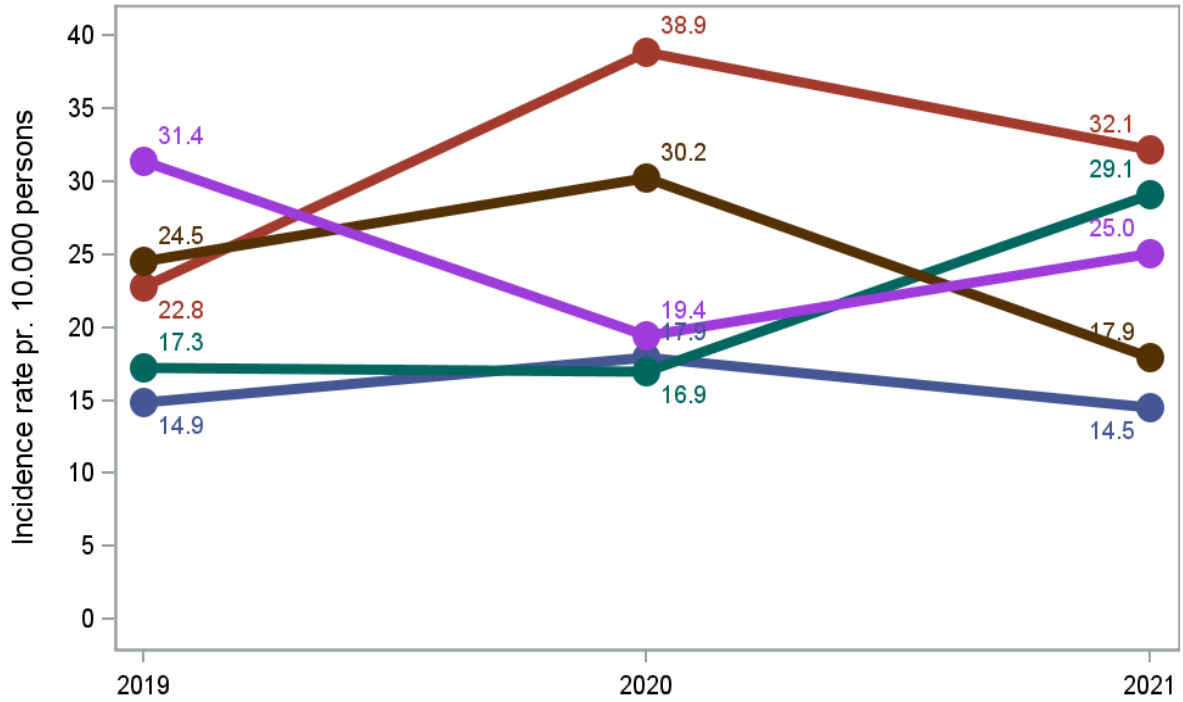
The denominator includes all persons in Denmark within the subgroup (all without diabetes, all with type 1-diabetes and all with type 2-diabetes, respectively) alive and residing in Denmark on the 31st of December in the year preceding LEA index date.

The incidence rate of people who underwent first non-traumatic major lower leg amputation according to diabetes type and region of residency (2019-2021)



Note that the y-axis of the graph above spans from 0-2.5 major lower-extremity amputations pr. 10.000 persons. Compared to the y-axes of the graphs for those with type 1-diabetes and type 2-diabetes the y-axis of this graph is much narrower due to the much lower incidence rates of first non-traumatic major lower leg amputation in people without diabetes compared to people with diabetes

Type 1-diabetes



Type 2-diabetes

