

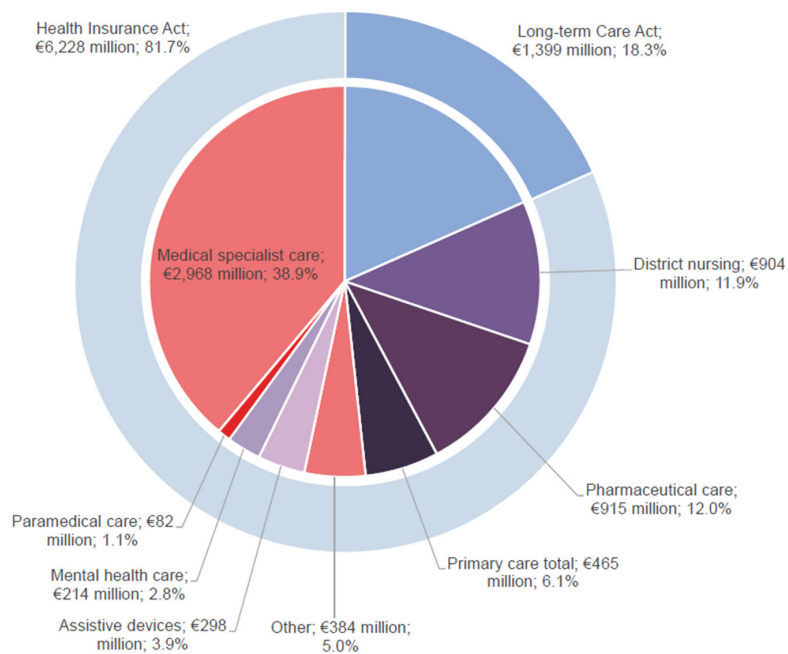
**Supplementary Table 1 Matched reimbursement codes per type 2 diabetes-related complication**

Disease group	Reimbursement codes (DBC's)
<b>Macrovascular type 2 diabetes – related complications</b>	
Acute Coronary Syndrome	Unstable Angina Pectoris (0320.203); ST-elevated myocardial infarction (0320.204); Non-ST-elevated myocardial infarction (0320.205); Instable AP, myocardial infarction (0313.102); Symptomatic ischemic heart disease, not in 0313.102 (0313.101)
Stroke	Cerebrovascular Accident (0327.313); Cerebrovascular Accident/ Transient Ischemic Attack (0313.121); Intracerebral hemorrhage (0330.1102); Intracranial hemorrhage (sub- / epidural) (0330.1103); Stroke (0330.1111); Cerebrovascular Accident (8418.101); Cerebrovascular Accident/ Transient Ischemic Attack (0335.263); Transient Ischemic Attack (including amaurosis fugax) (0330.1112)
Heart failure	Acute heart failure (0320.301); Chronic heart failure (0320.302); Decompensatio cordis (0335.262); Decompensatio cordis (0313.107)
<b>Microvascular type 2 diabetes – related complications</b>	
Diabetic mono/polyneuropathy	Nervous system and sensory disorders (0335.251); Peripheral nerve injury, nerve disorders (0327.413)
Diabetic eye complications	Cataract (0301.554); Anterior uveitis (0301.502); Posterior uveitis / Panuveitis (0301.503); Retinal defect / retinal detachment (0301.654); Subretinal neovascularization (0301.704); Maculopathy (0301.705); Macular degeneration (0301.707); Non-proliferative diabetic retinopathy (0301.754); Proliferative diabetic retinopathy (0301.755); Other pathology diabetic retinopathy (0301.759)
Diabetic foot/peripheral angiopathy	Amputation (0327.200); Amputation through or above the elbow (0327.211); Lower arm / hand amputation, excluding fingers (0327.212); Finger(s) amputation (0327.213); Amputation of upper extremity, not specified (0327.214); Amputation of upper leg and higher (0327.215); Foot, lower leg and knee amputation (0327.216); Amputation of toe(s) (0327.217); Amputation of lower extremity, not specified (0327.218); Amputation of upper leg and higher (8418.401); Foot and/or lower leg and/or toe(s) amputation (8418.402); Amputation of upper extremity (8418.403); Diabetic

foot (305.2065); Diabetic foot (0303.432); Other peripheral vascular diseases (0303.439); PAOD arm (0303.0412); PAOD 2, claudicatio intermittens (0303.0418); PAOD 3, rest pain (0303.0419); PAOD 4, gangrene (0303.0420)

Diabetic kidney disease    Kidney transplant, recipient (0313.076); Kidney and pancreatic transplant, recipient (0313.078); Chronic renal failure, eGFR 30-60 ml/min (0313.324), Chronic renal failure, eGFR <30 ml/min (0313.325); Continuous ambulatory peritoneal dialysis (CAPD) (0313.331); Automatic peritoneal dialysis (APD) (0313.332); Chronic hemodialysis at home (0313.336); Chronic hemodialysis in institution (0313.339)

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**Supplementary Figure 1 Healthcare expenditures of the type 2 diabetes population in 2016**

**Supplementary Table 2 Mean and median expenditures type 2 diabetes related-complications per treated patient in 2016-2018 (€)**

	2016 Mean expenditures per patient ± SD <sup>a</sup>	2016 Median per patient expenditures (P5; P95) <sup>a</sup>	2017 Mean expenditures per patient ± SD <sup>a</sup>	2017 Median per patient expenditures (P5; P95) <sup>a</sup>	2018 Mean expenditures per patient ± SD <sup>a</sup>	2018 Median per patient expenditures (P5; P95) <sup>a</sup>
Macrovascular T2DM-related complications	4,739.6±7,510.0	2,301.8 (208.3; 19,453.1)	4,846.5±103.5	2,327.9 (199.8; 19,049.2)	4922.9±7,763.3	2,351.5 (200.3; 19,848.7)
HF	3,118±5,261	689 (208; 12,677)	3,090±5,100	673 (200; 12,873)	3,160±5,296	673 (200; 13,235)
Stroke	5,967±10,215	2,418 (229; 26,980)	6,348±10,749	2,430 (215; 28,514)	6,287±10,587	2,472 (221; 28,830)
ACS	5,479±3,988	5,548 (524; 12,654)	5,530±3,842	5,924 (359; 12,165)	5,863±4,139	6,100 (360; 13,496)
Microvascular T2DM-related complications	1,907.7±80.9	393.9 (80.9; 7,146.7)	1,957.3±80.1	401.0 (80.1; 7,200.0)	2,094.4±6,818.2	447.8 (82.1; 7,768.2)
Diabetic eye complications	820±1,247	161 (81; 3,031)	843±1,272	165 (80; 3,150)	908±1,332	178 (82; 3,512)
Diabetic foot/peripheral angiopathy	4,671±9,255	585 (124; 20,513)	4,817±9,680	588 (124; 21,739)	5,013±9,922	608 (126; 22,133)
Diabetic kidney disease	3,461±12,020	677 (226; 13,654)	3,479±11,857	679 (230; 16,187)	3,848±12,430	689 (230; 21,200)
Diabetic mono/polyneuropathy	1,608±6,066	458 (229; 3,886)	1,438±6,135	430 (215; 3,543)	1,462±5,323	443 (221; 4,020)