

Supplementary Material

Real-World Weight Loss Observed With Semaglutide and Tirzepatide in Patients With Overweight or Obesity and Without Type 2 Diabetes (SHAPE)

Carmen D. Ng, Victoria Divino, Julia Wang, Joshua C. Toliver, and Marcio Buss

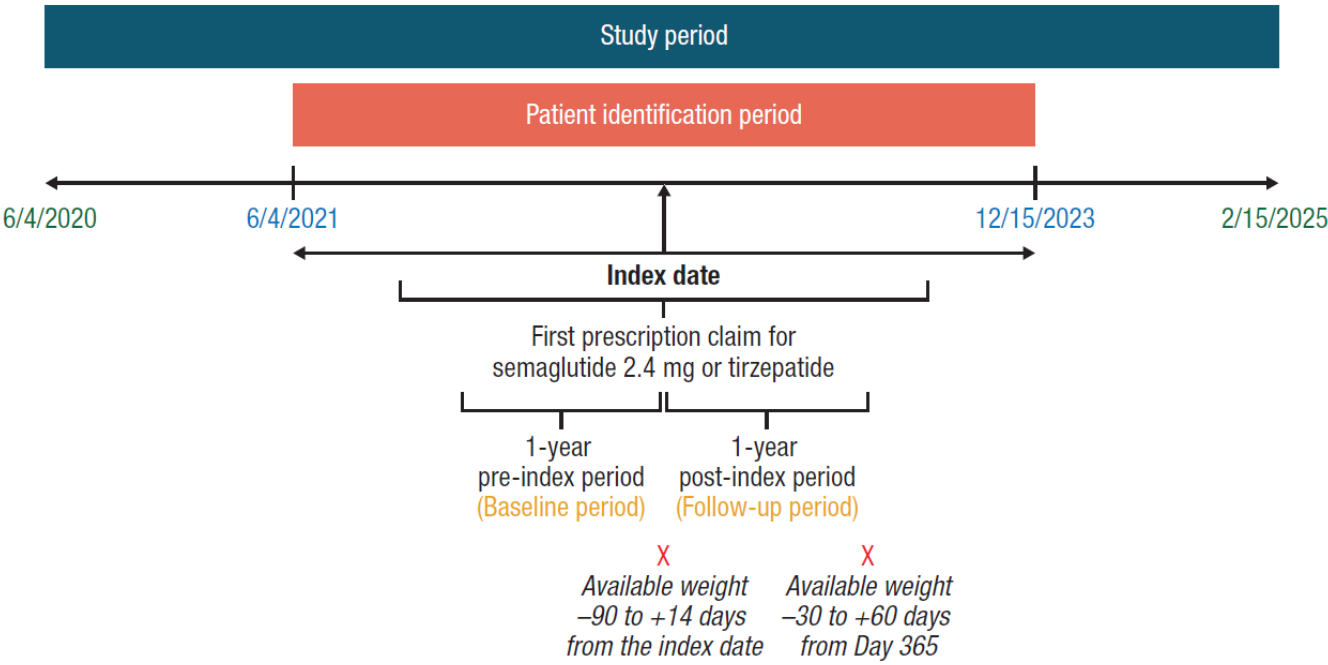
Novo Nordisk Inc., Plainsboro, NJ, USA.

Corresponding author:

Carmen D. Ng

cevn@novonordisk.com

Supplementary Figure S1. Study design overview.



Supplementary Table S1. ICD-10 codes included for the identification of overweight or obesity

ICD-10 code	Concept name
E66.0	Obesity due to excess calories
E66.01	Morbid (severe) obesity due to excess calories
E66.09	Other obesity due to excess calories
E66.2	Morbid (severe) obesity with alveolar hypoventilation
E66.3	Overweight
E66.8	Other obesity
E66.9	Obesity, unspecified
Z68.25	BMI: 25.0-25.9, adult
Z68.26	BMI: 26.0-26.9, adult
Z68.27	BMI: 27.0-27.9, adult
Z68.28	BMI: 28.0-28.9, adult
Z68.29	BMI: 29.0-29.9, adult
Z68.3	BMI: 30.0-39.0, adult
Z68.30	BMI: 30.0-30.9, adult
Z68.31	BMI: 31.0-31.9, adult
Z68.32	BMI: 32.0-32.9, adult
Z68.33	BMI: 33.0-33.9, adult
Z68.34	BMI: 34.0-34.9, adult
Z68.35	BMI: 35.0-35.9, adult
Z68.36	BMI: 36.0-36.9, adult
Z68.37	BMI: 37.0-37.9, adult
Z68.38	BMI: 38.0-38.9, adult
Z68.39	BMI: 39.0-39.9, adult
Z68.4	BMI: 40 or greater, adult
Z68.41	BMI: 40.0-44.9, adult
Z68.42	BMI: 45.0-49.9, adult
Z68.43	BMI: 50.0-59.9, adult
Z68.44	BMI: 60.0-69.9, adult
Z68.45	BMI: 70 or greater, adult

BMI, body mass index; ICD-10, *International Classification of Diseases, Tenth Revision*.

Supplementary Table S2. ICD-10 codes included for the identification of obesity-related complications^a

ICD-10 code	Concept name
J45	Asthma
N39.498	Other specified urinary incontinence
N39.492	Postural (urinary) incontinence
N39.491	Coital incontinence
N39.490	Overflow incontinence
N39.49	Other specified urinary incontinence
N39.46	Mixed incontinence
N39.45	Continuous leakage
N39.44	Nocturnal enuresis
N39.43	Post-void dribbling
N39.42	Incontinence without sensory awareness
N39.41	Urge incontinence
N39.4	Other specified urinary incontinence
N39.3	Stress incontinence (female) (male)
O24.13	Pre-existing type 2 diabetes mellitus, in the puerperium
O24.12	Pre-existing type 2 diabetes mellitus, in childbirth
O24.119	Pre-existing type 2 diabetes mellitus, in pregnancy, unspecified trimester
O24.113	Pre-existing type 2 diabetes mellitus, in pregnancy, third trimester
O24.112	Pre-existing type 2 diabetes mellitus, in pregnancy, second trimester
O24.111	Pre-existing type 2 diabetes mellitus, in pregnancy, first trimester
O24.11	Pre-existing type 2 diabetes mellitus, in pregnancy
O24.1	Pre-existing type 2 diabetes mellitus, in pregnancy, childbirth, and the puerperium
E11.9	Type 2 diabetes mellitus without complications
E11.8	Type 2 diabetes mellitus with unspecified complications
E11.69	Type 2 diabetes mellitus with other specified complications
E11.65	Type 2 diabetes mellitus with hyperglycemia
E11.649	Type 2 diabetes mellitus with hypoglycemia without coma
E11.641	Type 2 diabetes mellitus with hypoglycemia with coma
E11.640	Type 2 diabetes mellitus with hypoglycemia without coma
E11.64	Type 2 diabetes mellitus with hypoglycemia
E11.638	Type 2 diabetes mellitus with other oral complications
E11.630	Type 2 diabetes mellitus with periodontal disease
E11.63	Type 2 diabetes mellitus with oral complications
E11.628	Type 2 diabetes mellitus with other skin complications
E11.622	Type 2 diabetes mellitus with other skin ulcer
E11.621	Type 2 diabetes mellitus with foot ulcer
E11.620	Type 2 diabetes mellitus with diabetic dermatitis

E11.62	Type 2 diabetes mellitus with skin complications
E11.618	Type 2 diabetes mellitus with other diabetic arthropathy
E11.610	Type 2 diabetes mellitus with diabetic neuropathic arthropathy
E11.61	Type 2 diabetes mellitus with diabetic arthropathy
E11.6	Type 2 diabetes mellitus with other specified complications
E11.59	Type 2 diabetes mellitus with other circulatory complications
E11.52	Type 2 diabetes mellitus with diabetic peripheral angiopathy with gangrene
E11.51	Type 2 diabetes mellitus with diabetic peripheral angiopathy without gangrene
E11.5	Type 2 diabetes mellitus with circulatory complications
E11.49	Type 2 diabetes mellitus with other diabetic neurologic complication
E11.44	Type 2 diabetes mellitus with diabetic amyotrophy
E11.43	Type 2 diabetes mellitus with diabetic autonomic (poly)neuropathy
E11.42	Type 2 diabetes mellitus with diabetic polyneuropathy
E11.41	Type 2 diabetes mellitus with diabetic mononeuropathy
E11.40	Type 2 diabetes mellitus with diabetic neuropathy, unspecified
E11.4	Type 2 diabetes mellitus with neurologic complications
E11.39	Type 2 diabetes mellitus with other diabetic ophthalmic complication
	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, unspecified eye
E11.37X9	
	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, bilateral
E11.37X3	
	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, left eye
E11.37X2	
	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, right eye
E11.37X1	
	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment
E11.37	
E11.36	Type 2 diabetes mellitus with diabetic cataract
	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema, unspecified eye
E11.3599	
	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema, bilateral
E11.3593	
	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema, left eye
E11.3592	
	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema, right eye
E11.3591	
	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema
E11.359	
	Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, unspecified eye
E11.3559	
E11.3553	Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, bilateral
E11.3552	Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, left eye
E11.3551	Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, right eye
E11.355	Type 2 diabetes mellitus with stable proliferative diabetic retinopathy

E11.3549	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, unspecified eye
E11.3543	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, bilateral
E11.3542	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, left eye
E11.3541	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, right eye
E11.354	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment
E11.3539	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, unspecified eye
E11.3533	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, bilateral
E11.3532	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, left eye
E11.3531	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, right eye
E11.353	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula
E11.3529	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, unspecified eye
E11.3523	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, bilateral
E11.3522	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, left eye
E11.3521	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye
E11.352	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula
E11.3519	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema, unspecified eye
E11.3513	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema, bilateral
E11.3512	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema, left eye
E11.3511	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema, right eye
E11.351	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema
E11.35	Type 2 diabetes mellitus with proliferative diabetic retinopathy
E11.3499	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, unspecified eye

E11.3493	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, bilateral
E11.3492	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, left eye
E11.3491	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, right eye
E11.349	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema
E11.3419	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, unspecified eye
E11.3413	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, bilateral
E11.3412	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, left eye
E11.3411	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, right eye
E11.341	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema
E11.34	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy
E11.3399	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, unspecified eye
E11.3393	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, bilateral
E11.3392	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, left eye
E11.3391	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, right eye
E11.339	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema
E11.3319	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, unspecified eye
E11.3313	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, bilateral
E11.3312	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, left eye
E11.3311	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, right eye
E11.331	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema
E11.33	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy
E11.3299	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, unspecified eye
E11.3293	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, bilateral

E11.3292	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, left eye
E11.3291	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, right eye
E11.329	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema
E11.3219	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, unspecified eye
E11.3213	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, bilateral
E11.3212	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, left eye
E11.3211	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, right eye
E11.321	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema
E11.32	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy
E11.319	Type 2 diabetes mellitus with unspecified diabetic retinopathy without macular edema
E11.311	Type 2 diabetes mellitus with unspecified diabetic retinopathy with macular edema
E11.31	Type 2 diabetes mellitus with unspecified diabetic retinopathy
E11.3	Type 2 diabetes mellitus with ophthalmic complications
E11.29	Type 2 diabetes mellitus with other diabetic kidney complication
E11.22	Type 2 diabetes mellitus with diabetic chronic kidney disease
E11.21	Type 2 diabetes mellitus with diabetic nephropathy
E11.2	Type 2 diabetes mellitus with kidney complications
E11.11	Type 2 diabetes mellitus with ketoacidosis with coma
E11.10	Type 2 diabetes mellitus with ketoacidosis without coma
E11.1	Type 2 diabetes mellitus with ketoacidosis
E11.01	Type 2 diabetes mellitus with hyperosmolarity with coma
E11.00	Type 2 diabetes mellitus with hyperosmolarity without nonketotic hyperglycemic-hyperosmolar coma
E11.0	Type 2 diabetes mellitus with hyperosmolarity
E11	Type 2 diabetes mellitus
L40.9	Psoriasis, unspecified
L40.0	Psoriasis vulgaris
L40	Psoriasis
R73.9	Hyperglycemia, unspecified
R73.09	Other abnormal glucose
R73.03	Prediabetes
R73.02	Impaired glucose tolerance (oral)
R73.01	Impaired fasting glucose
R73.0	Abnormal glucose

R73	Elevated blood glucose level
N91.5	Oligomenorrhea, unspecified
N91.4	Secondary oligomenorrhea
N91.3	Primary oligomenorrhea
N91.2	Amenorrhea, unspecified
N91.1	Secondary amenorrhea
N91.0	Primary amenorrhea
N91	Absent, scanty and rare menstruation
E28.2	Polycystic ovarian syndrome
G47.39	Other sleep apnea
G47.33	Obstructive sleep apnea (adult; pediatric)
G47.30	Sleep apnea, unspecified
R52	Pain, unspecified
M79.676	Pain in unspecified toe(s)
M79.675	Pain in left toe(s)
M79.674	Pain in right toe(s)
M79.673	Pain in unspecified foot
M79.672	Pain in left foot
M79.671	Pain in right foot
M79.67	Pain in foot and toes
M79.669	Pain in unspecified lower leg
M79.662	Pain in left lower leg
M79.661	Pain in right lower leg
M79.66	Pain in lower leg
M79.659	Pain in unspecified thigh
M79.652	Pain in left thigh
M79.651	Pain in right thigh
M79.65	Pain in thigh
M79.609	Pain in unspecified limb
M79.606	Pain in leg, unspecified
M79.605	Pain in left leg
M79.604	Pain in right leg
M79.60	Pain in limb, unspecified
M79.6	Pain in limb, hand, foot, fingers and toes
M79.18	Myalgia, other site
M79.12	Myalgia of auxiliary muscles, head and neck
M79.10	Myalgia, unspecified site
M79.1	Myalgia
M62.838	Other muscle spasm
M62.831	Muscle spasm of calf
M62.830	Muscle spasm of back
M62.83	Muscle spasm
M54.9	Dorsalgia, unspecified

M54.89	Other dorsalgia
M54.81	Occipital neuralgia
M54.8	Other dorsalgia
M54.6	Pain in thoracic spine
M54.5	Low back pain
M54.42	Lumbago with sciatica, left side
M54.41	Lumbago with sciatica, right side
M54.40	Lumbago with sciatica, unspecified side
M54.4	Lumbago with sciatica
M54.32	Sciatica, left side
M54.31	Sciatica, right side
M54.30	Sciatica, unspecified side
M54.3	Sciatica
M54.2	Cervicalgia
M54.1	Radiculopathy
M54.03	Panniculitis affecting regions of neck and back, cervicothoracic region
M54.01	Panniculitis affecting regions of neck and back, occipito-atlanto-axial region
M54.00	Panniculitis affecting regions of neck and back, site unspecified
M54	Dorsalgia
M25.579	Pain in unspecified ankle and joints of unspecified foot
M25.572	Pain in left ankle and joints of left foot
M25.571	Pain in right ankle and joints of right foot
M25.57	Pain in ankle and joints of foot
M25.569	Pain in unspecified knee
M25.562	Pain in left knee
M25.561	Pain in right knee
M25.56	Pain in knee
M25.559	Pain in unspecified hip
M25.552	Pain in left hip
M25.551	Pain in right hip
M25.55	Pain in hip
M25.50	Pain in unspecified joint
M25.5	Pain in joint
G89.29	Other chronic pain
G89.2	Chronic pain, not elsewhere classified
G89.1	Acute pain, not elsewhere classified
G89	Pain, not elsewhere classified
M17.9	Osteoarthritis of knee, unspecified
M17.5	Other unilateral secondary osteoarthritis of knee
M17.4	Other bilateral secondary osteoarthritis of knee
M17.12	Unilateral primary osteoarthritis, left knee
M17.11	Unilateral primary osteoarthritis, right knee
M17.10	Unilateral primary osteoarthritis, unspecified knee

M17.1	Unilateral primary osteoarthritis of knee
M17.0	Bilateral primary osteoarthritis of knee
I10	Essential (primary) hypertension
I50.33	Acute on chronic diastolic (congestive) heart failure
I50.32	Chronic diastolic (congestive) heart failure
I50.31	Acute diastolic (congestive) heart failure
I50.30	Unspecified diastolic (congestive) heart failure
I50.3	Diastolic (congestive) heart failure
R12	Heartburn
K21.9	Gastroesophageal reflux disease without esophagitis
K21.01	Gastroesophageal reflux disease with esophagitis, with bleeding
K21.00	Gastroesophageal reflux disease with esophagitis, without bleeding
K21.0	Gastroesophageal reflux disease with esophagitis
K21	Gastroesophageal reflux disease
E78.5	Hyperlipidemia, unspecified
E78.49	Other hyperlipidemia
E78.41	Elevated lipoprotein(a)
E78.4	Other hyperlipidemia
E78.3	Hyperchylomicronemia
E78.2	Mixed hyperlipidemia
E78.1	Pure hyperglyceridemia
E78.01	Familial hypercholesterolemia
E78.00	Pure hypercholesterolemia, unspecified
E78.0	Pure hypercholesterolemia
E78	Disorders of lipoprotein metabolism and other lipidemias
J45.998	Other asthma
J45.991	Cough variant asthma
J45.990	Exercise induced bronchospasm
J45.99	Other asthma
J45.909	Unspecified asthma, uncomplicated
J45.902	Unspecified asthma with status asthmaticus
J45.901	Unspecified asthma with (acute) exacerbation
J45.90	Unspecified asthma
J45.9	Other and unspecified asthma
J45.52	Severe persistent asthma with status asthmaticus
J45.51	Severe persistent asthma with (acute) exacerbation
J45.50	Severe persistent asthma, uncomplicated
J45.5	Severe persistent asthma
J45.42	Moderate persistent asthma with status asthmaticus
J45.41	Moderate persistent asthma with (acute) exacerbation
J45.40	Moderate persistent asthma, uncomplicated
J45.4	Moderate persistent asthma
J45.32	Mild persistent asthma with status asthmaticus

J45.31	Mild persistent asthma with (acute) exacerbation
J45.30	Mild persistent asthma, uncomplicated
J45.3	Mild persistent asthma
J45.22	Mild intermittent asthma with status asthmaticus
J45.21	Mild intermittent asthma with (acute) exacerbation
J45.20	Mild intermittent asthma, uncomplicated
J45.2	Mild intermittent asthma

GERD, gastroesophageal reflux disease; HFpEF, heart failure with preserved ejection fraction; ICD-10, *International Classification of Diseases, Tenth Revision*; OSA, obstructive sleep apnea; PCOS, polycystic ovary syndrome.

^aObesity-related complications considered include asthma, dyslipidemia, GERD, HFpEF, hypertension, knee osteoarthritis, musculoskeletal pain, OSA, PCOS, pre-diabetes, psoriasis, type 2 diabetes mellitus, and urinary incontinence.

Supplementary Table S3. ICD-10 codes included for the identification of type 2 diabetes mellitus

ICD-10	Concept name
E11	Type 2 diabetes mellitus
E11.0	Type 2 diabetes mellitus with hyperosmolarity
E11.00	Type 2 diabetes mellitus with hyperosmolarity without nonketotic hyperglycemic-hyperosmolar coma
E11.01	Type 2 diabetes mellitus with hyperosmolarity with coma
E11.1	Type 2 diabetes mellitus with ketoacidosis
E11.10	Type 2 diabetes mellitus with ketoacidosis without coma
E11.11	Type 2 diabetes mellitus with ketoacidosis with coma
E11.2	Type 2 diabetes mellitus with kidney complications
E11.21	Type 2 diabetes mellitus with diabetic nephropathy
E11.22	Type 2 diabetes mellitus with diabetic chronic kidney disease
E11.29	Type 2 diabetes mellitus with other diabetic kidney complication
E11.3	Type 2 diabetes mellitus with ophthalmic complications
E11.31	Type 2 diabetes mellitus with unspecified diabetic retinopathy
E11.311	Type 2 diabetes mellitus with unspecified diabetic retinopathy with macular edema
E11.319	Type 2 diabetes mellitus with unspecified diabetic retinopathy without macular edema
E11.32	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy
E11.321	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema
E11.3212	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, left eye
E11.3213	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, bilateral
E11.3219	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, unspecified eye
E11.329	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema
E11.3291	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, right eye
E11.3292	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, left eye
E11.3293	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, bilateral
E11.33	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy
E11.331	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema

E11.3311	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, right eye
E11.3312	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, left eye
E11.3313	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, bilateral
E11.3319	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, unspecified eye
E11.339	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema
E11.3391	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, right eye
E11.3392	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, left eye
E11.3393	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, bilateral
E11.3399	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, unspecified eye
E11.34	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy
E11.341	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema
E11.3411	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, right eye
E11.3412	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, left eye
E11.3413	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, bilateral
E11.3419	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, unspecified eye
E11.349	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema
E11.3491	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, right eye
E11.3492	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, left eye
E11.3493	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, bilateral
E11.3499	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, unspecified eye
E11.35	Type 2 diabetes mellitus with proliferative diabetic retinopathy
E11.351	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema
E11.3511	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema, right eye

E11.3512	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema, left eye
E11.3513	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema, bilateral
E11.3519	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema, unspecified eye
E11.352	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula
E11.3521	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye
E11.3522	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, left eye
E11.3523	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, bilateral
E11.3529	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, unspecified eye
E11.353	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula
E11.3531	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, right eye
E11.3532	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, left eye
E11.3533	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, bilateral
E11.3539	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, unspecified eye
E11.354	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment
E11.3541	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, right eye
E11.3542	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, left eye
E11.3543	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, bilateral
E11.3549	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, unspecified eye
E11.355	Type 2 diabetes mellitus with stable proliferative diabetic retinopathy
E11.3551	Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, right eye
E11.3552	Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, left eye
E11.3553	Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, bilateral
E11.3559	Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, unspecified eye
E11.359	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema

E11.3591	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema, right eye
E11.3592	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema, left eye
E11.3593	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema, bilateral
E11.3599	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema, unspecified eye
E11.36	Type 2 diabetes mellitus with diabetic cataract
E11.37	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment
E11.37X1	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, right eye
E11.37X2	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, left eye
E11.37X3	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, bilateral
E11.37X9	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, unspecified eye
E11.39	Type 2 diabetes mellitus with other diabetic ophthalmic complication
E11.4	Type 2 diabetes mellitus with neurological complications
E11.40	Type 2 diabetes mellitus with diabetic neuropathy, unspecified
E11.41	Type 2 diabetes mellitus with diabetic mononeuropathy
E11.42	Type 2 diabetes mellitus with diabetic polyneuropathy
E11.43	Type 2 diabetes mellitus with diabetic autonomic (poly)neuropathy
E11.44	Type 2 diabetes mellitus with diabetic amyotrophy
E11.49	Type 2 diabetes mellitus with other diabetic neurological complication
E11.5	Type 2 diabetes mellitus with circulatory complications
E11.51	Type 2 diabetes mellitus with diabetic peripheral angiopathy without gangrene
E11.52	Type 2 diabetes mellitus with diabetic peripheral angiopathy with gangrene
E11.59	Type 2 diabetes mellitus with other circulatory complications
E11.6	Type 2 diabetes mellitus with other specified complications
E11.61	Type 2 diabetes mellitus with diabetic arthropathy
E11.610	Type 2 diabetes mellitus with diabetic neuropathic arthropathy
E11.618	Type 2 diabetes mellitus with other diabetic arthropathy
E11.62	Type 2 diabetes mellitus with skin complications
E11.620	Type 2 diabetes mellitus with diabetic dermatitis
E11.621	Type 2 diabetes mellitus with foot ulcer
E11.622	Type 2 diabetes mellitus with other skin ulcer
E11.628	Type 2 diabetes mellitus with other skin complications
E11.63	Type 2 diabetes mellitus with oral complications
E11.630	Type 2 diabetes mellitus with periodontal disease

E11.638	Type 2 diabetes mellitus with other oral complications
E11.64	Type 2 diabetes mellitus with hypoglycemia
E11.640	Type 2 diabetes mellitus with hypoglycemia without coma
E11.641	Type 2 diabetes mellitus with hypoglycemia with coma
E11.649	Type 2 diabetes mellitus with hypoglycemia without coma
E11.65	Type 2 diabetes mellitus with hyperglycemia
E11.69	Type 2 diabetes mellitus with other specified complication
E11.8	Type 2 diabetes mellitus with unspecified complications
E11.9	Type 2 diabetes mellitus without complications

ICD-10, *International Classification of Diseases, Tenth Revision*.