

Type 2 Diabetes Mellitus (DM)

It is important to accurately document and code type 2 diabetes.

Documentation

- ▶ The type of DM a patient has, as well as the treatment plan for each, should be documented at each encounter.
- ▶ Use as many ICD-10 codes from category E11 as necessary to describe all complications associated with type 2 DM.
- ▶ **If documentation does not indicate the type of DM in the medical record, the default is E11.- type 2 DM.**
- ▶ ICD-10 considers a causal link between many conditions and diabetes, unless documented otherwise. See linked condition list on the second page of this document.

Combination codes are most often seen with diabetes and its complications. Do not code DM without complications (E11.9) when a combination code is used.

Combination codes include but aren't limited to the following:

Type 2 DM Complication Diagnosis	Code	Description
Diabetic nephropathy	E11.21	Code diabetic CKD when BOTH diabetic nephropathy and CKD are documented, as CKD is more specific than nephropathy.
Diabetic CKD	E11.22	Use an additional code to identify stage of CKD (N18.1 – N18.6). If the patient's CKD has a cause other than DM, it must be documented. When diabetes, CKD and hypertension are documented, sequence the appropriate category of diabetes with CKD (E--.22) and the appropriate hypertension code (I12 or I13) prior to the CKD stage (N18.-).
Ophthalmic complications (retinopathy with/without macular edema, cataracts)	E11.3-	When coding for diabetic retinopathy (E11.3-), remember to include proliferative or non-proliferative, laterality, and stage. Cataracts described as "cortical, nuclear and posterior subscapular" and "nuclear sclerotic" should prompt the assignment of E--.36, along with the specific cataract code.
Neurological complications (neuropathies)	E11.4-	Report the combination code E11.4- instead of reporting the diabetes and neuropathy codes separately.
Diabetic peripheral angiopathy with or without gangrene	E11.51 E11.52	Peripheral arteriosclerosis, peripheral vascular disease and peripheral arterial disease in a diabetic patient should be linked and coded as "diabetic peripheral angiopathy." Carotid artery atherosclerosis is considered a peripheral atherosclerosis.
Foot ulcer	E11.621	When coding diabetic foot ulcers, use additional code(s) to identify the site of ulcer (L97.4-, L97.5-). Ulcers located on the foot are assumed to be related to diabetes. Ulcers located elsewhere (E11.622) are not assumed to be related and must be confirmed by the provider's documentation.
Hyperglycemia	E11.65	There is no default code for "uncontrolled diabetes." Uncontrolled diabetes is classified by type and further defined as hyperglycemia or hypoglycemia. When "hyperglycemia," "poorly controlled," "inadequately controlled," or "out of control" is documented, diabetes with hyperglycemia should be coded. The clinical record should support hyperglycemia.
Long-term (current) use of insulin	Z79.4	Document and code the long-term use of insulin when applicable, as this is a status code that carries risk value.

Diabetes Causal Link Condition List

When diabetes mellitus is supported in the record, any diagnosis listed below is automatically considered to have a causal link to the diabetes and considered a complication, unless documented otherwise in the medical record.

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| ▶ Amyotrophy | ▶ Glomerulonephrosis | ▶ Ophthalmic complication NEC |
| ▶ Arthropathy | ▶ Kimmelstiel-Wilson disease | ▶ Oral complication NEC |
| ▶ Autonomic (poly) neuropathy | ▶ Loss of protective sensation (LOPS) | ▶ Osteomyelitis |
| ▶ Cataract | ▶ Mononeuropathy | ▶ Periodontal disease |
| ▶ Charcot's joints | ▶ Myasthenia | ▶ Peripheral angiopathy |
| ▶ Chronic kidney disease | ▶ Necrobiosis lipoidica | ▶ Polyneuropathy |
| ▶ Circulatory complication | ▶ Nephropathy | ▶ Renal complication NEC |
| ▶ Dermatitis | ▶ Neuralgia | ▶ Renal tubular degeneration |
| ▶ Foot ulcer | ▶ Neurologic complication NEC | ▶ Retinopathy |
| ▶ Gangrene | ▶ Neuropathic arthropathy | ▶ Skin complication NEC |
| ▶ Gastroparesis | ▶ Neuropathy | ▶ Skin ulcer NEC |

Additional codes to consider with type 2 diabetes:

- ▶ If patient is treated with both oral hypoglycemic drugs and injectable non-insulin anti-diabetic drugs, code Z79.84 and Z79.85.
- ▶ If patient is treated with both insulin and injectable non-insulin anti-diabetic drugs, assign codes Z79.4 and Z79.85.
- ▶ If patient is treated with both oral hypoglycemic drugs and insulin, code both Z79.84 and Z79.4.
- ▶ If the patient uses an insulin pump, assign code Z96.41 as an additional code.
- ▶ Consider additional code, D84.81 - Immunodeficiency due to conditions classified elsewhere, for patients with type 2 DM. Code first, diabetes (E11.-).

R73.03 Prediabetes or borderline diabetes:

- ▶ An elevated blood sugar level that is higher than normal, but not high enough to be diagnosed with type 2 DM.
- ▶ When left untreated, it can progress to type 2 DM in less than 10 years.
- ▶ For many people, this condition has no signs or symptoms.



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ICD-10 is the 10th revision of the International Statistical Classification of Diseases and Related Health Problems (ICD), a medical classification list by the World Health Organization (WHO).