

Local Coverage Determination (LCD):

Serum Magnesium (L36702)

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Contractor Information

Contractor Name	Contract Type	Contract Number	Jurisdiction	State(s)
Noridian Healthcare Solutions, LLC	A and B MAC	01111 - MAC A	J - E	California - Entire State
Noridian Healthcare Solutions, LLC	A and B MAC	01112 - MAC B	J - E	California - Northern
Noridian Healthcare Solutions, LLC	A and B MAC	01182 - MAC B	J - E	California - Southern American Samoa
Noridian Healthcare Solutions, LLC	A and B MAC	01211 - MAC A	J - E	Guam Hawaii Northern Mariana Islands American Samoa
Noridian Healthcare Solutions, LLC	A and B MAC	01212 - MAC B	J - E	Guam Hawaii Northern Mariana Islands
Noridian Healthcare Solutions, LLC	A and B MAC	01311 - MAC A	J - E	Nevada
Noridian Healthcare Solutions, LLC	A and B MAC	01312 - MAC B	J - E	Nevada American Samoa
Noridian Healthcare Solutions, LLC	A and B MAC	01911 - MAC A	J - E	California - Entire State Guam Hawaii Nevada Northern Mariana Islands

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LCD Information

Document Information

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Serum Magnesium

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CMS National Coverage Policy

Title XVIII of the Social Security Act; Section 1862(a)(7). This section excludes routine physical examinations.

Title XVIII of the Social Security Act, Section 1862(a)(1)(A). This section allows coverage and payment for only those services that are considered to be medically reasonable and necessary for the diagnosis or treatment of illness or injury or to improve the functioning of a malformed body member.

Title XVIII of the Social Security Act; Section 1833(e). This section prohibits Medicare payment for any claim, which lacks the necessary information to process the claim.

Coverage Guidance

Coverage Indications, Limitations, and/or Medical Necessity

Note: Providers should seek information related to National Coverage Determinations (NCD) and other Centers for Medicare & Medicaid Services (CMS) instructions in CMS Manuals. This LCD only pertains to the contractor's discretionary coverage related to this service.

Magnesium is a mineral required by the body for the use of adenosine triphosphate (ATP) as a source of energy. It is also necessary for neuromuscular irritability and blood clotting. Magnesium deficiency produces neuromuscular disorders. It may cause weakness, tremors, tetany, and convulsions. Hypomagnesemia is associated with hypocalcemia, hypokalemia, long-term hyperalimentation, intravenous therapy, diabetes mellitus (especially during treatment of ketoacidosis); alcoholism and other types of malnutrition; malabsorption; hyperparathyroidism; dialysis; pregnancy; and hyperaldosteronism. The following are other conditions that may cause magnesium deficiencies

- Renal loss of magnesium occurs with cis-platinum therapy.
- Hypomagnesemia may also be induced by amphotericin or anti-EGFR (some monoclonal antibodies) toxicity.

- Magnesium deficiency is described with cardiac arrhythmias. There is evidence that magnesium may cause arrhythmias.

Indications:

Utilization of certain cardiac drugs which cause adverse effects in the presence of low magnesium (i.e., quinidine, procainamide, and disopyramide phosphate or Norpace). Patients taking these drugs should have their magnesium checked approximately once every six months.

- Long term parenteral nutrition. Patients on long term parenteral nutrition that are otherwise asymptomatic should have their serum magnesium checked monthly.
- Malabsorption syndrome. The frequency should depend on the severity of the syndrome, but once the patient's level is stabilized, a monthly check should be adequate.
- Renal loss secondary to diuretic use.
- Chronic alcoholism, diabetic acidosis, and renal tubular acidosis. These patients should be followed on an as needed basis according to their symptomatology. Without symptoms, they should be checked no more than annually.
- Chronic diarrhea, otherwise unexplained and persistent.
- Prolonged nasogastric suction greater than five days. These patients should have a magnesium check every two to three weeks.
- Cisplatin treatment.
- Amphotericin treatment
- EGFR monoclonal antibodies
- Patients receiving IV magnesium therapy for a low serum level. Serum level should be monitored appropriately.
- Patients with hypocalcemia. If the hypocalcemia persists, the level should probably be checked on a six-month basis as long as the patient does not have symptoms of arrhythmias that would warrant closer follow up.
- Lethargy and confusion that are not otherwise explained. Once a patient has been diagnosed with mental health processes such as Alzheimer or psychotic depression, etc., there is no indication to follow their magnesium level on a regular basis.
- Patients receiving oral magnesium in the face of impaired renal function should have their magnesium level checked on a monthly basis.

Other clinical situations:

- Pre-eclampsia
- Unexplained muscular paralysis
- Neuromuscular irritability
- Blood clotting abnormalities
- Evidence (mixed) that magnesium levels are low and increased magnesium may benefit patients with sickle cell anemia, beta thalassemia and hypersplenism– more recent articles dispute this.
- Long Q-T syndrome, torsades de pointes and ventricular arrhythmias.

Summary of Evidence

NA

Analysis of Evidence (Rationale for Determination)

NA

Coding Information

Bill Type Codes:

Contractors may specify Bill Types to help providers identify those Bill Types typically used to report this service. Absence of a Bill Type does not guarantee that the policy does not apply to that Bill Type. Complete absence of all Bill Types indicates that coverage is not influenced by Bill Type and the policy should be assumed to apply equally to all claims.

012x Hospital Inpatient (Medicare Part B only)
013x Hospital Outpatient
014x Hospital - Laboratory Services Provided to Non-patients
022x Skilled Nursing - Inpatient (Medicare Part B only)
023x Skilled Nursing - Outpatient
085x Critical Access Hospital

Revenue Codes:

Contractors may specify Revenue Codes to help providers identify those Revenue Codes typically used to report this service. In most instances Revenue Codes are purely advisory. Unless specified in the policy, services reported under other Revenue Codes are equally subject to this coverage determination. Complete absence of all Revenue Codes indicates that coverage is not influenced by Revenue Code and the policy should be assumed to apply equally to all Revenue Codes.

030X Laboratory - General Classification

CPT/HCPCS Codes

Group 1 Paragraph:

The Section titled "Does the 'CPT 30% Rule' apply?" needs clarification. This rule comes from the AMA (American Medical Association), the organization that holds the copyrights for all CPT codes. The rule states that if, in a given section (e.g., surgery) or subsection (e.g., surgery, integumentary) of the CPT Manual, more than 30% of the codes are listed in the LCD, then the short descriptors must be used rather than the long descriptors found in the CPT Manual.

Group 1 Codes:

83735 MAGNESIUM

ICD-10 Codes that Support Medical Necessity

Group 1 Paragraph: N/A

Group 1 Codes:

ICD-10 Codes	Description
D57.02	Hb-SS disease with splenic sequestration
D57.212	Sickle-cell/Hb-C disease with splenic sequestration
D57.412	Sickle-cell thalassemia with splenic sequestration
D57.812	Other sickle-cell disorders with splenic sequestration
D68.8	Other specified coagulation defects
D73.2	Chronic congestive splenomegaly

ICD-10 Codes	Description
D73.81	Neutropenic splenomegaly
D73.89	Other diseases of spleen
E03.5	Myxedema coma
E08.00	Diabetes mellitus due to underlying condition with hyperosmolarity without nonketotic hyperglycemic-hyperosmolar coma (NKHHC)
E08.01	Diabetes mellitus due to underlying condition with hyperosmolarity with coma
E08.10	Diabetes mellitus due to underlying condition with ketoacidosis without coma
E08.11	Diabetes mellitus due to underlying condition with ketoacidosis with coma
E08.21	Diabetes mellitus due to underlying condition with diabetic nephropathy
E08.22	Diabetes mellitus due to underlying condition with diabetic chronic kidney disease
E08.29	Diabetes mellitus due to underlying condition with other diabetic kidney complication
E08.3211	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy with macular edema, right eye
E08.3212	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy with macular edema, left eye
E08.3213	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy with macular edema, bilateral
E08.3291	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy without macular edema, right eye
E08.3292	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy without macular edema, left eye
E08.3293	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy without macular edema, bilateral
E08.3311	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy with macular edema, right eye
E08.3312	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy with macular edema, left eye
E08.3313	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy with macular edema, bilateral
E08.3391	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy without macular edema, right eye
E08.3392	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy without macular edema, left eye
E08.3393	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy without macular edema, bilateral
E08.3411	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy with macular edema, right eye
E08.3412	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy with macular edema, left eye
E08.3413	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy with macular edema, bilateral
E08.3491	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy without macular edema, right eye
E08.3492	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy without macular edema, left eye
E08.3493	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy without macular edema, bilateral
E08.3511	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with macular edema, right eye
E08.3512	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with macular edema, left eye
E08.3513	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with macular edema, bilateral
E08.3591	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy without macular edema, right eye
E08.3592	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy without macular edema, left eye
E08.3593	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy without macular edema, bilateral
E08.36	Diabetes mellitus due to underlying condition with diabetic cataract

ICD-10 Codes	Description
E08.39	Diabetes mellitus due to underlying condition with other diabetic ophthalmic complication
E08.41	Diabetes mellitus due to underlying condition with diabetic mononeuropathy
E08.42	Diabetes mellitus due to underlying condition with diabetic polyneuropathy
E08.43	Diabetes mellitus due to underlying condition with diabetic autonomic (poly)neuropathy
E08.44	Diabetes mellitus due to underlying condition with diabetic amyotrophy
E08.49	Diabetes mellitus due to underlying condition with other diabetic neurological complication
E08.51	Diabetes mellitus due to underlying condition with diabetic peripheral angiopathy without gangrene
E08.52	Diabetes mellitus due to underlying condition with diabetic peripheral angiopathy with gangrene
E08.59	Diabetes mellitus due to underlying condition with other circulatory complications
E08.610	Diabetes mellitus due to underlying condition with diabetic neuropathic arthropathy
E08.618	Diabetes mellitus due to underlying condition with other diabetic arthropathy
E08.620	Diabetes mellitus due to underlying condition with diabetic dermatitis
E08.621	Diabetes mellitus due to underlying condition with foot ulcer
E08.622	Diabetes mellitus due to underlying condition with other skin ulcer
E08.628	Diabetes mellitus due to underlying condition with other skin complications
E08.630	Diabetes mellitus due to underlying condition with periodontal disease
E08.638	Diabetes mellitus due to underlying condition with other oral complications
E08.641	Diabetes mellitus due to underlying condition with hypoglycemia with coma
E08.649	Diabetes mellitus due to underlying condition with hypoglycemia without coma
E08.65	Diabetes mellitus due to underlying condition with hyperglycemia
E08.69	Diabetes mellitus due to underlying condition with other specified complication
E08.9	Diabetes mellitus due to underlying condition without complications
E09.00	Drug or chemical induced diabetes mellitus with hyperosmolarity without nonketotic hyperglycemic-hyperosmolar coma (NKHHC)
E09.01	Drug or chemical induced diabetes mellitus with hyperosmolarity with coma
E09.10	Drug or chemical induced diabetes mellitus with ketoacidosis without coma
E09.11	Drug or chemical induced diabetes mellitus with ketoacidosis with coma
E09.21	Drug or chemical induced diabetes mellitus with diabetic nephropathy
E09.22	Drug or chemical induced diabetes mellitus with diabetic chronic kidney disease
E09.29	Drug or chemical induced diabetes mellitus with other diabetic kidney complication
E09.3211	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, right eye
E09.3212	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, left eye
E09.3213	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, bilateral
E09.3291	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, right eye
E09.3292	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, left eye
E09.3293	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, bilateral
E09.3311	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, right eye
E09.3312	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, left eye
E09.3313	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, bilateral
E09.3391	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, right eye
E09.3392	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, left eye
E09.3393	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, bilateral
E09.3411	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, right eye
E09.3412	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, left eye
E09.3413	

ICD-10 Codes	Description
	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, bilateral
E09.3491	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, right eye
E09.3492	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, left eye
E09.3493	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, bilateral
E09.3511	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with macular edema, right eye
E09.3512	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with macular edema, left eye
E09.3513	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with macular edema, bilateral
E09.3591	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy without macular edema, right eye
E09.3592	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy without macular edema, left eye
E09.3593	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy without macular edema, bilateral
E09.36	Drug or chemical induced diabetes mellitus with diabetic cataract
E09.39	Drug or chemical induced diabetes mellitus with other diabetic ophthalmic complication
E09.41	Drug or chemical induced diabetes mellitus with neurological complications with diabetic mononeuropathy
E09.42	Drug or chemical induced diabetes mellitus with neurological complications with diabetic polyneuropathy
E09.43	Drug or chemical induced diabetes mellitus with neurological complications with diabetic autonomic (poly)neuropathy
E09.44	Drug or chemical induced diabetes mellitus with neurological complications with diabetic amyotrophy
E09.49	Drug or chemical induced diabetes mellitus with neurological complications with other diabetic neurological complication
E09.51	Drug or chemical induced diabetes mellitus with diabetic peripheral angiopathy without gangrene
E09.52	Drug or chemical induced diabetes mellitus with diabetic peripheral angiopathy with gangrene
E09.59	Drug or chemical induced diabetes mellitus with other circulatory complications
E09.610	Drug or chemical induced diabetes mellitus with diabetic neuropathic arthropathy
E09.618	Drug or chemical induced diabetes mellitus with other diabetic arthropathy
E09.620	Drug or chemical induced diabetes mellitus with diabetic dermatitis
E09.621	Drug or chemical induced diabetes mellitus with foot ulcer
E09.622	Drug or chemical induced diabetes mellitus with other skin ulcer
E09.628	Drug or chemical induced diabetes mellitus with other skin complications
E09.630	Drug or chemical induced diabetes mellitus with periodontal disease
E09.638	Drug or chemical induced diabetes mellitus with other oral complications
E09.641	Drug or chemical induced diabetes mellitus with hypoglycemia with coma
E09.649	Drug or chemical induced diabetes mellitus with hypoglycemia without coma
E09.65	Drug or chemical induced diabetes mellitus with hyperglycemia
E09.69	Drug or chemical induced diabetes mellitus with other specified complication
E09.9	Drug or chemical induced diabetes mellitus without complications
E10.10	Type 1 diabetes mellitus with ketoacidosis without coma
E10.11	Type 1 diabetes mellitus with ketoacidosis with coma
E10.21	Type 1 diabetes mellitus with diabetic nephropathy
E10.22	Type 1 diabetes mellitus with diabetic chronic kidney disease
E10.29	Type 1 diabetes mellitus with other diabetic kidney complication
E10.3211	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, right eye
E10.3212	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, left eye
E10.3213	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, bilateral
E10.3291	

ICD-10 Codes	Description
	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, right eye
E10.3292	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, left eye
E10.3293	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, bilateral
E10.3311	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, right eye
E10.3312	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, left eye
E10.3313	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, bilateral
E10.3391	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, right eye
E10.3392	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, left eye
E10.3393	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, bilateral
E10.3411	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, right eye
E10.3412	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, left eye
E10.3413	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, bilateral
E10.3491	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, right eye
E10.3492	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, left eye
E10.3493	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, bilateral
E10.3511	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema, right eye
E10.3512	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema, left eye
E10.3513	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema, bilateral
E10.3591	Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema, right eye
E10.3592	Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema, left eye
E10.3593	Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema, bilateral
E10.36	Type 1 diabetes mellitus with diabetic cataract
E10.39	Type 1 diabetes mellitus with other diabetic ophthalmic complication
E10.41	Type 1 diabetes mellitus with diabetic mononeuropathy
E10.42	Type 1 diabetes mellitus with diabetic polyneuropathy
E10.43	Type 1 diabetes mellitus with diabetic autonomic (poly)neuropathy
E10.44	Type 1 diabetes mellitus with diabetic amyotrophy
E10.49	Type 1 diabetes mellitus with other diabetic neurological complication
E10.51	Type 1 diabetes mellitus with diabetic peripheral angiopathy without gangrene
E10.52	Type 1 diabetes mellitus with diabetic peripheral angiopathy with gangrene
E10.59	Type 1 diabetes mellitus with other circulatory complications
E10.610	Type 1 diabetes mellitus with diabetic neuropathic arthropathy
E10.618	Type 1 diabetes mellitus with other diabetic arthropathy
E10.620	Type 1 diabetes mellitus with diabetic dermatitis
E10.621	Type 1 diabetes mellitus with foot ulcer
E10.622	Type 1 diabetes mellitus with other skin ulcer
E10.628	Type 1 diabetes mellitus with other skin complications
E10.630	Type 1 diabetes mellitus with periodontal disease
E10.638	Type 1 diabetes mellitus with other oral complications
E10.641	Type 1 diabetes mellitus with hypoglycemia with coma
E10.649	Type 1 diabetes mellitus with hypoglycemia without coma
E10.65	Type 1 diabetes mellitus with hyperglycemia
E10.69	Type 1 diabetes mellitus with other specified complication
E10.9	Type 1 diabetes mellitus without complications

ICD-10 Codes	Description
E11.00	Type 2 diabetes mellitus with hyperosmolarity without nonketotic hyperglycemic-hyperosmolar coma (NKHHC)
E11.01	Type 2 diabetes mellitus with hyperosmolarity with coma
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
E11.3211	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, right eye
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
E11.3291	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
E11.3311	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
E11.3391	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
E11.3411	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
E11.3491	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
E11.3511	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
E11.3591	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
E11.36	Type 2 diabetes mellitus with diabetic cataract
E11.39	Type 2 diabetes mellitus with other diabetic ophthalmic complication
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
E11.51	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
E11.610	Type 2 diabetes mellitus with diabetic neuropathic arthropathy
E11.618	Type 2 diabetes mellitus with other diabetic arthropathy

ICD-10 Codes	Description
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
E11.630	Type 2 diabetes mellitus with periodontal disease
E11.638	Type 2 diabetes mellitus with other oral complications
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
E11.9	Type 2 diabetes mellitus without complications
E13.00	Other specified diabetes mellitus with hyperosmolarity without nonketotic hyperglycemic-hyperosmolar coma (NKHHC)
E13.01	Other specified diabetes mellitus with hyperosmolarity with coma
E13.10	Other specified diabetes mellitus with ketoacidosis without coma
E13.11	Other specified diabetes mellitus with ketoacidosis with coma
E13.21	Other specified diabetes mellitus with diabetic nephropathy
E13.22	Other specified diabetes mellitus with diabetic chronic kidney disease
E13.29	Other specified diabetes mellitus with other diabetic kidney complication
E13.3211	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, right eye
E13.3212	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, left eye
E13.3213	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, bilateral
E13.3291	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, right eye
E13.3292	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, left eye
E13.3293	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, bilateral
E13.3311	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, right eye
E13.3312	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, left eye
E13.3313	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, bilateral
E13.3391	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, right eye
E13.3392	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, left eye
E13.3393	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, bilateral
E13.3411	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, right eye
E13.3412	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, left eye
E13.3413	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, bilateral
E13.3491	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, right eye
E13.3492	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, left eye
E13.3493	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, bilateral
E13.3511	Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema, right eye
E13.3512	Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema, left eye
E13.3513	

ICD-10 Codes	Description
	Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema, bilateral
E13.3591	Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema, right eye
E13.3592	Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema, left eye
E13.3593	Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema, bilateral
E13.36	Other specified diabetes mellitus with diabetic cataract
E13.39	Other specified diabetes mellitus with other diabetic ophthalmic complication
E13.41	Other specified diabetes mellitus with diabetic mononeuropathy
E13.42	Other specified diabetes mellitus with diabetic polyneuropathy
E13.43	Other specified diabetes mellitus with diabetic autonomic (poly)neuropathy
E13.44	Other specified diabetes mellitus with diabetic amyotrophy
E13.49	Other specified diabetes mellitus with other diabetic neurological complication
E13.51	Other specified diabetes mellitus with diabetic peripheral angiopathy without gangrene
E13.52	Other specified diabetes mellitus with diabetic peripheral angiopathy with gangrene
E13.59	Other specified diabetes mellitus with other circulatory complications
E13.610	Other specified diabetes mellitus with diabetic neuropathic arthropathy
E13.618	Other specified diabetes mellitus with other diabetic arthropathy
E13.620	Other specified diabetes mellitus with diabetic dermatitis
E13.621	Other specified diabetes mellitus with foot ulcer
E13.622	Other specified diabetes mellitus with other skin ulcer
E13.628	Other specified diabetes mellitus with other skin complications
E13.630	Other specified diabetes mellitus with periodontal disease
E13.638	Other specified diabetes mellitus with other oral complications
E13.641	Other specified diabetes mellitus with hypoglycemia with coma
E13.649	Other specified diabetes mellitus with hypoglycemia without coma
E13.65	Other specified diabetes mellitus with hyperglycemia
E13.69	Other specified diabetes mellitus with other specified complication
E13.9	Other specified diabetes mellitus without complications
E20.0	Idiopathic hypoparathyroidism
E20.1	Pseudohypoparathyroidism
E20.8	Other hypoparathyroidism
E21.0	Primary hyperparathyroidism
E21.1	Secondary hyperparathyroidism, not elsewhere classified
E21.2	Other hyperparathyroidism
E21.4	Other specified disorders of parathyroid gland
E26.01	Conn's syndrome
E26.02	Glucocorticoid-remediable aldosteronism
E26.09	Other primary hyperaldosteronism
E26.1	Secondary hyperaldosteronism
E26.81	Bartter's syndrome
E26.89	Other hyperaldosteronism
E34.2	Ectopic hormone secretion, not elsewhere classified
E40	Kwashiorkor
E41	Nutritional marasmus
E42	Marasmic kwashiorkor
E44.0	Moderate protein-calorie malnutrition
E64.0	Sequelae of protein-calorie malnutrition
E67.2	Megavitamin-B6 syndrome
E67.8	Other specified hyperalimentation
E68	Sequelae of hyperalimentation
E79.0	Hyperuricemia without signs of inflammatory arthritis and tophaceous disease
E83.31	Familial hypophosphatemia
E83.32	Hereditary vitamin D-dependent rickets (type 1) (type 2)
E83.39	Other disorders of phosphorus metabolism
E83.41	Hypermagnesemia

ICD-10 Codes	Description
E83.42	Hypomagnesemia
E83.49	Other disorders of magnesium metabolism
E83.51	Hypocalcemia
E83.52	Hypercalcemia
E83.59	Other disorders of calcium metabolism
E83.81	Hungry bone syndrome
E86.0	Dehydration
E86.1	Hypovolemia
E87.0	Hyperosmolality and hyponatremia
E87.1	Hypo-osmolality and hyponatremia
E87.2	Acidosis
E87.4	Mixed disorder of acid-base balance
E87.5	Hyperkalemia
E87.6	Hypokalemia
E87.8	Other disorders of electrolyte and fluid balance, not elsewhere classified
E89.2	Postprocedural hypoparathyroidism
F05	Delirium due to known physiological condition
F10.20	Alcohol dependence, uncomplicated
F10.21	Alcohol dependence, in remission
F10.220	Alcohol dependence with intoxication, uncomplicated
F28	Other psychotic disorder not due to a substance or known physiological condition
F42.2	Mixed obsessional thoughts and acts
F42.3	Hoarding disorder
F42.4	Excoriation (skin-picking) disorder
F42.8	Other obsessive-compulsive disorder
F42.9	Obsessive-compulsive disorder, unspecified
F50.01	Anorexia nervosa, restricting type
F50.02	Anorexia nervosa, binge eating/purging type
F50.2	Bulimia nervosa
F50.81	Binge eating disorder
F50.89	Other specified eating disorder
F95.1	Chronic motor or vocal tic disorder
F95.8	Other tic disorders
G25.3	Myoclonus
G25.61	Drug induced tics
G25.69	Other tics of organic origin
G40.401	Other generalized epilepsy and epileptic syndromes, not intractable, with status epilepticus
G40.409	Other generalized epilepsy and epileptic syndromes, not intractable, without status epilepticus
G40.411	Other generalized epilepsy and epileptic syndromes, intractable, with status epilepticus
G40.419	Other generalized epilepsy and epileptic syndromes, intractable, without status epilepticus
G71.3	Mitochondrial myopathy, not elsewhere classified
G71.8	Other primary disorders of muscles
G72.81	Critical illness myopathy
G72.89	Other specified myopathies
G73.7	Myopathy in diseases classified elsewhere
G93.3	Postviral fatigue syndrome
G95.11	Acute infarction of spinal cord (embolic) (nonembolic)
G95.19	Other vascular myelopathies
I10	Essential (primary) hypertension
I11.0	Hypertensive heart disease with heart failure
I11.9	Hypertensive heart disease without heart failure
I12.0	Hypertensive chronic kidney disease with stage 5 chronic kidney disease or end stage renal disease
I12.9	Hypertensive chronic kidney disease with stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease
I13.0	Hypertensive heart and chronic kidney disease with heart failure and stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease
I13.10	Hypertensive heart and chronic kidney disease without heart failure, with stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease

ICD-10 Codes	Description
I13.11	Hypertensive heart and chronic kidney disease without heart failure, with stage 5 chronic kidney disease, or end stage renal disease
I13.2	Hypertensive heart and chronic kidney disease with heart failure and with stage 5 chronic kidney disease, or end stage renal disease
I15.0	Renovascular hypertension
I15.1	Hypertension secondary to other renal disorders
I15.2	Hypertension secondary to endocrine disorders
I15.8	Other secondary hypertension
I21.01	ST elevation (STEMI) myocardial infarction involving left main coronary artery
I21.02	ST elevation (STEMI) myocardial infarction involving left anterior descending coronary artery
I21.09	ST elevation (STEMI) myocardial infarction involving other coronary artery of anterior wall
I21.11	ST elevation (STEMI) myocardial infarction involving right coronary artery
I21.19	ST elevation (STEMI) myocardial infarction involving other coronary artery of inferior wall
I21.21	ST elevation (STEMI) myocardial infarction involving left circumflex coronary artery
I21.29	ST elevation (STEMI) myocardial infarction involving other sites
I21.4	Non-ST elevation (NSTEMI) myocardial infarction
I22.0	Subsequent ST elevation (STEMI) myocardial infarction of anterior wall
I22.1	Subsequent ST elevation (STEMI) myocardial infarction of inferior wall
I22.2	Subsequent non-ST elevation (NSTEMI) myocardial infarction
I22.8	Subsequent ST elevation (STEMI) myocardial infarction of other sites
I23.0	Hemopericardium as current complication following acute myocardial infarction
I23.3	Rupture of cardiac wall without hemopericardium as current complication following acute myocardial infarction
I23.6	Thrombosis of atrium, auricular appendage, and ventricle as current complications following acute myocardial infarction
I23.7	Postinfarction angina
I23.8	Other current complications following acute myocardial infarction
I24.0	Acute coronary thrombosis not resulting in myocardial infarction
I25.5	Ischemic cardiomyopathy
I25.6	Silent myocardial ischemia
I25.89	Other forms of chronic ischemic heart disease
I26.09	Other pulmonary embolism with acute cor pulmonale
I26.99	Other pulmonary embolism without acute cor pulmonale
I42.0	Dilated cardiomyopathy
I42.5	Other restrictive cardiomyopathy
I42.8	Other cardiomyopathies
I46.2	Cardiac arrest due to underlying cardiac condition
I46.8	Cardiac arrest due to other underlying condition
I47.0	Re-entry ventricular arrhythmia
I47.1	Supraventricular tachycardia
I47.2	Ventricular tachycardia
I48.0	Paroxysmal atrial fibrillation
I48.1	Persistent atrial fibrillation
I48.2	Chronic atrial fibrillation
I48.3	Typical atrial flutter
I48.4	Atypical atrial flutter
I49.01	Ventricular fibrillation
I49.02	Ventricular flutter
I49.1	Atrial premature depolarization
I49.2	Junctional premature depolarization
I49.3	Ventricular premature depolarization
I49.49	Other premature depolarization
I49.5	Sick sinus syndrome
I49.8	Other specified cardiac arrhythmias
I50.21	Acute systolic (congestive) heart failure
I50.22	Chronic systolic (congestive) heart failure
I50.23	Acute on chronic systolic (congestive) heart failure
I50.31	Acute diastolic (congestive) heart failure

ICD-10 Codes	Description
I50.32	Chronic diastolic (congestive) heart failure
I50.33	Acute on chronic diastolic (congestive) heart failure
I50.41	Acute combined systolic (congestive) and diastolic (congestive) heart failure
I50.42	Chronic combined systolic (congestive) and diastolic (congestive) heart failure
I50.43	Acute on chronic combined systolic (congestive) and diastolic (congestive) heart failure
I51.3	Intracardiac thrombosis, not elsewhere classified
I51.81	Takotsubo syndrome
I51.89	Other ill-defined heart diseases
I95.0	Idiopathic hypotension
I95.1	Orthostatic hypotension
I95.2	Hypotension due to drugs
I95.3	Hypotension of hemodialysis
I95.81	Postprocedural hypotension
I95.89	Other hypotension
I97.110	Postprocedural cardiac insufficiency following cardiac surgery
I97.111	Postprocedural cardiac insufficiency following other surgery
I97.120	Postprocedural cardiac arrest following cardiac surgery
I97.121	Postprocedural cardiac arrest following other surgery
I97.130	Postprocedural heart failure following cardiac surgery
I97.131	Postprocedural heart failure following other surgery
I97.190	Other postprocedural cardiac functional disturbances following cardiac surgery
I97.191	Other postprocedural cardiac functional disturbances following other surgery
I97.89	Other postprocedural complications and disorders of the circulatory system, not elsewhere classified
K50.013	Crohn's disease of small intestine with fistula
K50.113	Crohn's disease of large intestine with fistula
K50.813	Crohn's disease of both small and large intestine with fistula
K51.013	Ulcerative (chronic) pancolitis with fistula
K51.213	Ulcerative (chronic) proctitis with fistula
K51.313	Ulcerative (chronic) rectosigmoiditis with fistula
K51.413	Inflammatory polyps of colon with fistula
K51.513	Left sided colitis with fistula
K51.813	Other ulcerative colitis with fistula
K52.21	Food protein-induced enterocolitis syndrome
K52.22	Food protein-induced enteropathy
K52.29	Other allergic and dietetic gastroenteritis and colitis
K52.81	Eosinophilic gastritis or gastroenteritis
K52.831	Collagenous colitis
K52.832	Lymphocytic colitis
K52.838	Other microscopic colitis
K52.89	Other specified noninfective gastroenteritis and colitis
K56.50	Intestinal adhesions [bands], unspecified as to partial versus complete obstruction
K56.51	Intestinal adhesions [bands], with partial obstruction
K56.52	Intestinal adhesions [bands] with complete obstruction
K63.2	Fistula of intestine
K90.0	Celiac disease
K90.2	Blind loop syndrome, not elsewhere classified
K90.41	Non-celiac gluten sensitivity
K90.49	Malabsorption due to intolerance, not elsewhere classified
K90.89	Other intestinal malabsorption
K91.2	Postsurgical malabsorption, not elsewhere classified
M32.14	Glomerular disease in systemic lupus erythematosus
M32.15	Tubulo-interstitial nephropathy in systemic lupus erythematosus
M35.04	Sicca syndrome with tubulo-interstitial nephropathy
M63.811	Disorders of muscle in diseases classified elsewhere, right shoulder
M63.812	Disorders of muscle in diseases classified elsewhere, left shoulder
M63.821	Disorders of muscle in diseases classified elsewhere, right upper arm
M63.822	Disorders of muscle in diseases classified elsewhere, left upper arm
M63.831	Disorders of muscle in diseases classified elsewhere, right forearm

ICD-10 Codes	Description
M63.832	Disorders of muscle in diseases classified elsewhere, left forearm
M63.841	Disorders of muscle in diseases classified elsewhere, right hand
M63.842	Disorders of muscle in diseases classified elsewhere, left hand
M63.851	Disorders of muscle in diseases classified elsewhere, right thigh
M63.852	Disorders of muscle in diseases classified elsewhere, left thigh
M63.861	Disorders of muscle in diseases classified elsewhere, right lower leg
M63.862	Disorders of muscle in diseases classified elsewhere, left lower leg
M63.871	Disorders of muscle in diseases classified elsewhere, right ankle and foot
M63.872	Disorders of muscle in diseases classified elsewhere, left ankle and foot
M63.88	Disorders of muscle in diseases classified elsewhere, other site
M63.89	Disorders of muscle in diseases classified elsewhere, multiple sites
N00.0	Acute nephritic syndrome with minor glomerular abnormality
N00.1	Acute nephritic syndrome with focal and segmental glomerular lesions
N00.2	Acute nephritic syndrome with diffuse membranous glomerulonephritis
N00.3	Acute nephritic syndrome with diffuse mesangial proliferative glomerulonephritis
N00.4	Acute nephritic syndrome with diffuse endocapillary proliferative glomerulonephritis
N00.5	Acute nephritic syndrome with diffuse mesangiocapillary glomerulonephritis
N00.6	Acute nephritic syndrome with dense deposit disease
N00.7	Acute nephritic syndrome with diffuse crescentic glomerulonephritis
N00.8	Acute nephritic syndrome with other morphologic changes
N01.0	Rapidly progressive nephritic syndrome with minor glomerular abnormality
N01.1	Rapidly progressive nephritic syndrome with focal and segmental glomerular lesions
N01.2	Rapidly progressive nephritic syndrome with diffuse membranous glomerulonephritis
N01.3	Rapidly progressive nephritic syndrome with diffuse mesangial proliferative glomerulonephritis
N01.4	Rapidly progressive nephritic syndrome with diffuse endocapillary proliferative glomerulonephritis
N01.5	Rapidly progressive nephritic syndrome with diffuse mesangiocapillary glomerulonephritis
N01.6	Rapidly progressive nephritic syndrome with dense deposit disease
N01.7	Rapidly progressive nephritic syndrome with diffuse crescentic glomerulonephritis
N01.8	Rapidly progressive nephritic syndrome with other morphologic changes
N02.0	Recurrent and persistent hematuria with minor glomerular abnormality
N02.1	Recurrent and persistent hematuria with focal and segmental glomerular lesions
N02.2	Recurrent and persistent hematuria with diffuse membranous glomerulonephritis
N02.3	Recurrent and persistent hematuria with diffuse mesangial proliferative glomerulonephritis
N02.4	Recurrent and persistent hematuria with diffuse endocapillary proliferative glomerulonephritis
N02.5	Recurrent and persistent hematuria with diffuse mesangiocapillary glomerulonephritis
N02.6	Recurrent and persistent hematuria with dense deposit disease
N02.7	Recurrent and persistent hematuria with diffuse crescentic glomerulonephritis
N02.8	Recurrent and persistent hematuria with other morphologic changes
N03.0	Chronic nephritic syndrome with minor glomerular abnormality
N03.1	Chronic nephritic syndrome with focal and segmental glomerular lesions
N03.2	Chronic nephritic syndrome with diffuse membranous glomerulonephritis
N03.3	Chronic nephritic syndrome with diffuse mesangial proliferative glomerulonephritis
N03.4	Chronic nephritic syndrome with diffuse endocapillary proliferative glomerulonephritis
N03.5	Chronic nephritic syndrome with diffuse mesangiocapillary glomerulonephritis
N03.6	Chronic nephritic syndrome with dense deposit disease
N03.7	Chronic nephritic syndrome with diffuse crescentic glomerulonephritis
N03.8	Chronic nephritic syndrome with other morphologic changes
N04.0	Nephrotic syndrome with minor glomerular abnormality
N04.1	Nephrotic syndrome with focal and segmental glomerular lesions
N04.2	Nephrotic syndrome with diffuse membranous glomerulonephritis
N04.3	Nephrotic syndrome with diffuse mesangial proliferative glomerulonephritis
N04.4	Nephrotic syndrome with diffuse endocapillary proliferative glomerulonephritis
N04.5	Nephrotic syndrome with diffuse mesangiocapillary glomerulonephritis
N04.6	Nephrotic syndrome with dense deposit disease
N04.7	Nephrotic syndrome with diffuse crescentic glomerulonephritis
N04.8	Nephrotic syndrome with other morphologic changes
N06.0	Isolated proteinuria with minor glomerular abnormality

ICD-10 Codes	Description
N06.1	Isolated proteinuria with focal and segmental glomerular lesions
N06.2	Isolated proteinuria with diffuse membranous glomerulonephritis
N06.3	Isolated proteinuria with diffuse mesangial proliferative glomerulonephritis
N06.4	Isolated proteinuria with diffuse endocapillary proliferative glomerulonephritis
N06.5	Isolated proteinuria with diffuse mesangiocapillary glomerulonephritis
N06.6	Isolated proteinuria with dense deposit disease
N06.7	Isolated proteinuria with diffuse crescentic glomerulonephritis
N06.8	Isolated proteinuria with other morphologic lesion
N07.0	Hereditary nephropathy, not elsewhere classified with minor glomerular abnormality
N07.1	Hereditary nephropathy, not elsewhere classified with focal and segmental glomerular lesions
N07.2	Hereditary nephropathy, not elsewhere classified with diffuse membranous glomerulonephritis
N07.3	Hereditary nephropathy, not elsewhere classified with diffuse mesangial proliferative glomerulonephritis
N07.4	Hereditary nephropathy, not elsewhere classified with diffuse endocapillary proliferative glomerulonephritis
N07.5	Hereditary nephropathy, not elsewhere classified with diffuse mesangiocapillary glomerulonephritis
N07.6	Hereditary nephropathy, not elsewhere classified with dense deposit disease
N07.7	Hereditary nephropathy, not elsewhere classified with diffuse crescentic glomerulonephritis
N07.8	Hereditary nephropathy, not elsewhere classified with other morphologic lesions
N08	Glomerular disorders in diseases classified elsewhere
N14.0	Analgesic nephropathy
N14.1	Nephropathy induced by other drugs, medicaments and biological substances
N14.3	Nephropathy induced by heavy metals
N14.4	Toxic nephropathy, not elsewhere classified
N15.0	Balkan nephropathy
N15.8	Other specified renal tubulo-interstitial diseases
N16	Renal tubulo-interstitial disorders in diseases classified elsewhere
N17.0	Acute kidney failure with tubular necrosis
N17.1	Acute kidney failure with acute cortical necrosis
N17.2	Acute kidney failure with medullary necrosis
N17.8	Other acute kidney failure
N18.1	Chronic kidney disease, stage 1
N18.2	Chronic kidney disease, stage 2 (mild)
N18.3	Chronic kidney disease, stage 3 (moderate)
N18.4	Chronic kidney disease, stage 4 (severe)
N18.5	Chronic kidney disease, stage 5
N18.6	End stage renal disease
N25.0	Renal osteodystrophy
N25.1	Nephrogenic diabetes insipidus
N25.81	Secondary hyperparathyroidism of renal origin
N25.89	Other disorders resulting from impaired renal tubular function
N26.1	Atrophy of kidney (terminal)
N26.2	Page kidney
N28.0	Ischemia and infarction of kidney
N29	Other disorders of kidney and ureter in diseases classified elsewhere
O02.1	Missed abortion
O03.1	Delayed or excessive hemorrhage following incomplete spontaneous abortion
O03.2	Embolism following incomplete spontaneous abortion
O03.31	Shock following incomplete spontaneous abortion
O03.32	Renal failure following incomplete spontaneous abortion
O03.33	Metabolic disorder following incomplete spontaneous abortion
O03.34	Damage to pelvic organs following incomplete spontaneous abortion
O03.35	Other venous complications following incomplete spontaneous abortion
O03.36	Cardiac arrest following incomplete spontaneous abortion
O03.38	Urinary tract infection following incomplete spontaneous abortion
O03.39	Incomplete spontaneous abortion with other complications
O03.6	Delayed or excessive hemorrhage following complete or unspecified spontaneous abortion
O03.7	Embolism following complete or unspecified spontaneous abortion

ICD-10 Codes	Description
003.81	Shock following complete or unspecified spontaneous abortion
003.82	Renal failure following complete or unspecified spontaneous abortion
003.83	Metabolic disorder following complete or unspecified spontaneous abortion
003.84	Damage to pelvic organs following complete or unspecified spontaneous abortion
003.85	Other venous complications following complete or unspecified spontaneous abortion
003.86	Cardiac arrest following complete or unspecified spontaneous abortion
004.6	Delayed or excessive hemorrhage following (induced) termination of pregnancy
004.7	Embolism following (induced) termination of pregnancy
004.81	Shock following (induced) termination of pregnancy
004.82	Renal failure following (induced) termination of pregnancy
004.83	Metabolic disorder following (induced) termination of pregnancy
004.85	Other venous complications following (induced) termination of pregnancy
004.86	Cardiac arrest following (induced) termination of pregnancy
004.89	(Induced) termination of pregnancy with other complications
007.1	Delayed or excessive hemorrhage following failed attempted termination of pregnancy
007.2	Embolism following failed attempted termination of pregnancy
007.31	Shock following failed attempted termination of pregnancy
007.32	Renal failure following failed attempted termination of pregnancy
007.33	Metabolic disorder following failed attempted termination of pregnancy
007.35	Other venous complications following failed attempted termination of pregnancy
007.36	Cardiac arrest following failed attempted termination of pregnancy
007.39	Failed attempted termination of pregnancy with other complications
008.1	Delayed or excessive hemorrhage following ectopic and molar pregnancy
008.2	Embolism following ectopic and molar pregnancy
008.3	Shock following ectopic and molar pregnancy
008.4	Renal failure following ectopic and molar pregnancy
008.5	Metabolic disorders following an ectopic and molar pregnancy
008.7	Other venous complications following an ectopic and molar pregnancy
008.81	Cardiac arrest following an ectopic and molar pregnancy
008.89	Other complications following an ectopic and molar pregnancy
009.01	Supervision of pregnancy with history of infertility, first trimester
009.02	Supervision of pregnancy with history of infertility, second trimester
009.03	Supervision of pregnancy with history of infertility, third trimester
009.11	Supervision of pregnancy with history of ectopic pregnancy, first trimester
009.12	Supervision of pregnancy with history of ectopic pregnancy, second trimester
009.13	Supervision of pregnancy with history of ectopic pregnancy, third trimester
009.211	Supervision of pregnancy with history of pre-term labor, first trimester
009.212	Supervision of pregnancy with history of pre-term labor, second trimester
009.213	Supervision of pregnancy with history of pre-term labor, third trimester
009.291	Supervision of pregnancy with other poor reproductive or obstetric history, first trimester
009.292	Supervision of pregnancy with other poor reproductive or obstetric history, second trimester
009.293	Supervision of pregnancy with other poor reproductive or obstetric history, third trimester
009.31	Supervision of pregnancy with insufficient antenatal care, first trimester
009.32	Supervision of pregnancy with insufficient antenatal care, second trimester
009.33	Supervision of pregnancy with insufficient antenatal care, third trimester
009.41	Supervision of pregnancy with grand multiparity, first trimester
009.42	Supervision of pregnancy with grand multiparity, second trimester
009.43	Supervision of pregnancy with grand multiparity, third trimester
009.511	Supervision of elderly primigravida, first trimester
009.512	Supervision of elderly primigravida, second trimester
009.513	Supervision of elderly primigravida, third trimester
009.521	Supervision of elderly multigravida, first trimester
009.522	Supervision of elderly multigravida, second trimester
009.523	Supervision of elderly multigravida, third trimester
009.611	Supervision of young primigravida, first trimester
009.612	Supervision of young primigravida, second trimester
009.613	Supervision of young primigravida, third trimester
009.621	Supervision of young multigravida, first trimester

ICD-10 Codes	Description
009.622	Supervision of young multigravida, second trimester
009.623	Supervision of young multigravida, third trimester
009.71	Supervision of high risk pregnancy due to social problems, first trimester
009.72	Supervision of high risk pregnancy due to social problems, second trimester
009.73	Supervision of high risk pregnancy due to social problems, third trimester
009.891	Supervision of other high risk pregnancies, first trimester
009.892	Supervision of other high risk pregnancies, second trimester
009.893	Supervision of other high risk pregnancies, third trimester
010.011	Pre-existing essential hypertension complicating pregnancy, first trimester
010.012	Pre-existing essential hypertension complicating pregnancy, second trimester
010.013	Pre-existing essential hypertension complicating pregnancy, third trimester
010.02	Pre-existing essential hypertension complicating childbirth
010.03	Pre-existing essential hypertension complicating the puerperium
010.111	Pre-existing hypertensive heart disease complicating pregnancy, first trimester
010.112	Pre-existing hypertensive heart disease complicating pregnancy, second trimester
010.113	Pre-existing hypertensive heart disease complicating pregnancy, third trimester
010.12	Pre-existing hypertensive heart disease complicating childbirth
010.13	Pre-existing hypertensive heart disease complicating the puerperium
010.211	Pre-existing hypertensive chronic kidney disease complicating pregnancy, first trimester
010.212	Pre-existing hypertensive chronic kidney disease complicating pregnancy, second trimester
010.213	Pre-existing hypertensive chronic kidney disease complicating pregnancy, third trimester
010.22	Pre-existing hypertensive chronic kidney disease complicating childbirth
010.23	Pre-existing hypertensive chronic kidney disease complicating the puerperium
010.311	Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy, first trimester
010.312	Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy, second trimester
010.313	Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy, third trimester
010.32	Pre-existing hypertensive heart and chronic kidney disease complicating childbirth
010.33	Pre-existing hypertensive heart and chronic kidney disease complicating the puerperium
010.411	Pre-existing secondary hypertension complicating pregnancy, first trimester
010.412	Pre-existing secondary hypertension complicating pregnancy, second trimester
010.413	Pre-existing secondary hypertension complicating pregnancy, third trimester
010.42	Pre-existing secondary hypertension complicating childbirth
010.43	Pre-existing secondary hypertension complicating the puerperium
011.1	Pre-existing hypertension with pre-eclampsia, first trimester
011.2	Pre-existing hypertension with pre-eclampsia, second trimester
011.3	Pre-existing hypertension with pre-eclampsia, third trimester
012.11	Gestational proteinuria, first trimester
012.12	Gestational proteinuria, second trimester
012.13	Gestational proteinuria, third trimester
012.21	Gestational edema with proteinuria, first trimester
012.22	Gestational edema with proteinuria, second trimester
012.23	Gestational edema with proteinuria, third trimester
013.1	Gestational [pregnancy-induced] hypertension without significant proteinuria, first trimester
013.2	Gestational [pregnancy-induced] hypertension without significant proteinuria, second trimester
013.3	Gestational [pregnancy-induced] hypertension without significant proteinuria, third trimester
014.02	Mild to moderate pre-eclampsia, second trimester
014.03	Mild to moderate pre-eclampsia, third trimester
014.12	Severe pre-eclampsia, second trimester
014.13	Severe pre-eclampsia, third trimester
014.22	HELLP syndrome (HELLP), second trimester
014.23	HELLP syndrome (HELLP), third trimester
015.02	Eclampsia complicating pregnancy, second trimester
015.03	Eclampsia complicating pregnancy, third trimester
015.1	Eclampsia complicating labor
015.2	Eclampsia complicating the puerperium
020.0	Threatened abortion
020.8	Other hemorrhage in early pregnancy

ICD-10 Codes	Description
O21.0	Mild hyperemesis gravidarum
O21.1	Hyperemesis gravidarum with metabolic disturbance
O21.2	Late vomiting of pregnancy
O21.8	Other vomiting complicating pregnancy
O24.011	Pre-existing type 1 diabetes mellitus, in pregnancy, first trimester
O24.012	Pre-existing type 1 diabetes mellitus, in pregnancy, second trimester
O24.013	Pre-existing type 1 diabetes mellitus, in pregnancy, third trimester
O24.02	Pre-existing type 1 diabetes mellitus, in childbirth
O24.03	Pre-existing type 1 diabetes mellitus, in the puerperium
O24.111	Pre-existing type 2 diabetes mellitus, in pregnancy, first trimester
O24.112	Pre-existing type 2 diabetes mellitus, in pregnancy, second trimester
O24.113	Pre-existing type 2 diabetes mellitus, in pregnancy, third trimester
O24.12	Pre-existing type 2 diabetes mellitus, in childbirth
O24.13	Pre-existing type 2 diabetes mellitus, in the puerperium
O24.811	Other pre-existing diabetes mellitus in pregnancy, first trimester
O24.812	Other pre-existing diabetes mellitus in pregnancy, second trimester
O24.813	Other pre-existing diabetes mellitus in pregnancy, third trimester
O24.82	Other pre-existing diabetes mellitus in childbirth
O24.83	Other pre-existing diabetes mellitus in the puerperium
O25.11	Malnutrition in pregnancy, first trimester
O25.12	Malnutrition in pregnancy, second trimester
O25.13	Malnutrition in pregnancy, third trimester
O25.2	Malnutrition in childbirth
O25.3	Malnutrition in the puerperium
O26.11	Low weight gain in pregnancy, first trimester
O26.12	Low weight gain in pregnancy, second trimester
O26.13	Low weight gain in pregnancy, third trimester
O26.31	Retained intrauterine contraceptive device in pregnancy, first trimester
O26.32	Retained intrauterine contraceptive device in pregnancy, second trimester
O26.33	Retained intrauterine contraceptive device in pregnancy, third trimester
O26.41	Herpes gestationis, first trimester
O26.42	Herpes gestationis, second trimester
O26.43	Herpes gestationis, third trimester
O26.51	Maternal hypotension syndrome, first trimester
O26.52	Maternal hypotension syndrome, second trimester
O26.53	Maternal hypotension syndrome, third trimester
O26.63	Liver and biliary tract disorders in the puerperium
O26.811	Pregnancy related exhaustion and fatigue, first trimester
O26.812	Pregnancy related exhaustion and fatigue, second trimester
O26.813	Pregnancy related exhaustion and fatigue, third trimester
O26.831	Pregnancy related renal disease, first trimester
O26.832	Pregnancy related renal disease, second trimester
O26.833	Pregnancy related renal disease, third trimester
O29.111	Cardiac arrest due to anesthesia during pregnancy, first trimester
O29.112	Cardiac arrest due to anesthesia during pregnancy, second trimester
O29.113	Cardiac arrest due to anesthesia during pregnancy, third trimester
O29.121	Cardiac failure due to anesthesia during pregnancy, first trimester
O29.122	Cardiac failure due to anesthesia during pregnancy, second trimester
O29.123	Cardiac failure due to anesthesia during pregnancy, third trimester
O29.191	Other cardiac complications of anesthesia during pregnancy, first trimester
O29.192	Other cardiac complications of anesthesia during pregnancy, second trimester
O29.193	Other cardiac complications of anesthesia during pregnancy, third trimester
O29.211	Cerebral anoxia due to anesthesia during pregnancy, first trimester
O29.212	Cerebral anoxia due to anesthesia during pregnancy, second trimester
O29.213	Cerebral anoxia due to anesthesia during pregnancy, third trimester
O29.291	Other central nervous system complications of anesthesia during pregnancy, first trimester
O29.292	Other central nervous system complications of anesthesia during pregnancy, second trimester

ICD-10 Codes	Description
O29.293	Other central nervous system complications of anesthesia during pregnancy, third trimester
O29.3X1	Toxic reaction to local anesthesia during pregnancy, first trimester
O29.3X2	Toxic reaction to local anesthesia during pregnancy, second trimester
O29.3X3	Toxic reaction to local anesthesia during pregnancy, third trimester
O44.11	Complete placenta previa with hemorrhage, first trimester
O44.12	Complete placenta previa with hemorrhage, second trimester
O44.13	Complete placenta previa with hemorrhage, third trimester
O45.011	Premature separation of placenta with afibrinogenemia, first trimester
O45.012	Premature separation of placenta with afibrinogenemia, second trimester
O45.013	Premature separation of placenta with afibrinogenemia, third trimester
O45.021	Premature separation of placenta with disseminated intravascular coagulation, first trimester
O45.022	Premature separation of placenta with disseminated intravascular coagulation, second trimester
O45.023	Premature separation of placenta with disseminated intravascular coagulation, third trimester
O45.091	Premature separation of placenta with other coagulation defect, first trimester
O45.092	Premature separation of placenta with other coagulation defect, second trimester
O45.093	Premature separation of placenta with other coagulation defect, third trimester
O45.8X1	Other premature separation of placenta, first trimester
O45.8X2	Other premature separation of placenta, second trimester
O45.8X3	Other premature separation of placenta, third trimester
O46.011	Antepartum hemorrhage with afibrinogenemia, first trimester
O46.012	Antepartum hemorrhage with afibrinogenemia, second trimester
O46.013	Antepartum hemorrhage with afibrinogenemia, third trimester
O46.021	Antepartum hemorrhage with disseminated intravascular coagulation, first trimester
O46.022	Antepartum hemorrhage with disseminated intravascular coagulation, second trimester
O46.023	Antepartum hemorrhage with disseminated intravascular coagulation, third trimester
O46.091	Antepartum hemorrhage with other coagulation defect, first trimester
O46.092	Antepartum hemorrhage with other coagulation defect, second trimester
O46.093	Antepartum hemorrhage with other coagulation defect, third trimester
O46.8X1	Other antepartum hemorrhage, first trimester
O46.8X2	Other antepartum hemorrhage, second trimester
O46.8X3	Other antepartum hemorrhage, third trimester
O67.0	Intrapartum hemorrhage with coagulation defect
O67.8	Other intrapartum hemorrhage
O72.0	Third-stage hemorrhage
O72.1	Other immediate postpartum hemorrhage
O72.2	Delayed and secondary postpartum hemorrhage
O74.2	Cardiac complications of anesthesia during labor and delivery
O74.4	Toxic reaction to local anesthesia during labor and delivery
O75.1	Shock during or following labor and delivery
O75.4	Other complications of obstetric surgery and procedures
O75.81	Maternal exhaustion complicating labor and delivery
O75.89	Other specified complications of labor and delivery
O88.211	Thromboembolism in pregnancy, first trimester
O88.212	Thromboembolism in pregnancy, second trimester
O88.213	Thromboembolism in pregnancy, third trimester
O88.22	Thromboembolism in childbirth
O88.23	Thromboembolism in the puerperium
O89.1	Cardiac complications of anesthesia during the puerperium
O89.3	Toxic reaction to local anesthesia during the puerperium
O90.4	Postpartum acute kidney failure
O90.89	Other complications of the puerperium, not elsewhere classified
O99.281	Endocrine, nutritional and metabolic diseases complicating pregnancy, first trimester
O99.282	Endocrine, nutritional and metabolic diseases complicating pregnancy, second trimester
O99.283	Endocrine, nutritional and metabolic diseases complicating pregnancy, third trimester
O99.284	Endocrine, nutritional and metabolic diseases complicating childbirth
O99.285	Endocrine, nutritional and metabolic diseases complicating the puerperium
O99.321	Drug use complicating pregnancy, first trimester
O99.322	Drug use complicating pregnancy, second trimester

ICD-10 Codes	Description
O99.323	Drug use complicating pregnancy, third trimester
O99.324	Drug use complicating childbirth
O99.325	Drug use complicating the puerperium
O99.351	Diseases of the nervous system complicating pregnancy, first trimester
O99.352	Diseases of the nervous system complicating pregnancy, second trimester
O99.353	Diseases of the nervous system complicating pregnancy, third trimester
O99.354	Diseases of the nervous system complicating childbirth
O99.355	Diseases of the nervous system complicating the puerperium
O99.511	Diseases of the respiratory system complicating pregnancy, first trimester
O99.512	Diseases of the respiratory system complicating pregnancy, second trimester
O99.513	Diseases of the respiratory system complicating pregnancy, third trimester
O99.52	Diseases of the respiratory system complicating childbirth
O99.53	Diseases of the respiratory system complicating the puerperium
O99.611	Diseases of the digestive system complicating pregnancy, first trimester
O99.612	Diseases of the digestive system complicating pregnancy, second trimester
O99.613	Diseases of the digestive system complicating pregnancy, third trimester
O99.62	Diseases of the digestive system complicating childbirth
O99.63	Diseases of the digestive system complicating the puerperium
O99.711	Diseases of the skin and subcutaneous tissue complicating pregnancy, first trimester
O99.712	Diseases of the skin and subcutaneous tissue complicating pregnancy, second trimester
O99.713	Diseases of the skin and subcutaneous tissue complicating pregnancy, third trimester
O99.72	Diseases of the skin and subcutaneous tissue complicating childbirth
O99.73	Diseases of the skin and subcutaneous tissue complicating the puerperium
O99.820	Streptococcus B carrier state complicating pregnancy
O99.824	Streptococcus B carrier state complicating childbirth
O99.825	Streptococcus B carrier state complicating the puerperium
O99.89	Other specified diseases and conditions complicating pregnancy, childbirth and the puerperium
O9A.111	Malignant neoplasm complicating pregnancy, first trimester
O9A.112	Malignant neoplasm complicating pregnancy, second trimester
O9A.113	Malignant neoplasm complicating pregnancy, third trimester
O9A.12	Malignant neoplasm complicating childbirth
O9A.13	Malignant neoplasm complicating the puerperium
O9A.211	Injury, poisoning and certain other consequences of external causes complicating pregnancy, first trimester
O9A.212	Injury, poisoning and certain other consequences of external causes complicating pregnancy, second trimester
O9A.213	Injury, poisoning and certain other consequences of external causes complicating pregnancy, third trimester
O9A.22	Injury, poisoning and certain other consequences of external causes complicating childbirth
O9A.23	Injury, poisoning and certain other consequences of external causes complicating the puerperium
O9A.311	Physical abuse complicating pregnancy, first trimester
O9A.312	Physical abuse complicating pregnancy, second trimester
O9A.313	Physical abuse complicating pregnancy, third trimester
O9A.32	Physical abuse complicating childbirth
O9A.33	Physical abuse complicating the puerperium
O9A.411	Sexual abuse complicating pregnancy, first trimester
O9A.412	Sexual abuse complicating pregnancy, second trimester
O9A.413	Sexual abuse complicating pregnancy, third trimester
O9A.42	Sexual abuse complicating childbirth
O9A.43	Sexual abuse complicating the puerperium
P00.0	Newborn affected by maternal hypertensive disorders
P00.1	Newborn affected by maternal renal and urinary tract diseases
P00.4	Newborn affected by maternal nutritional disorders
P00.81	Newborn affected by periodontal disease in mother
P00.89	Newborn affected by other maternal conditions
P03.810	Newborn affected by abnormality in fetal (intrauterine) heart rate or rhythm before the onset of labor
P03.811	Newborn affected by abnormality in fetal (intrauterine) heart rate or rhythm during labor

ICD-10 Codes	Description
P03.82	Meconium passage during delivery
P03.89	Newborn affected by other specified complications of labor and delivery
P04.3	Newborn affected by maternal use of alcohol
P92.01	Bilious vomiting of newborn
P92.09	Other vomiting of newborn
P96.81	Exposure to (parental) (environmental) tobacco smoke in the perinatal period
Q61.2	Polycystic kidney, adult type
Q86.0	Fetal alcohol syndrome (dysmorphic)
R03.0	Elevated blood-pressure reading, without diagnosis of hypertension
R11.14	Bilious vomiting
R25.0	Abnormal head movements
R25.2	Cramp and spasm
R25.3	Fasciculation
R25.8	Other abnormal involuntary movements
R29.0	Tetany
R29.898	Other symptoms and signs involving the musculoskeletal system
R40.0	Somnolence
R40.1	Stupor
R40.2111	Coma scale, eyes open, never, in the field [EMT or ambulance]
R40.2112	Coma scale, eyes open, never, at arrival to emergency department
R40.2113	Coma scale, eyes open, never, at hospital admission
R40.2114	Coma scale, eyes open, never, 24 hours or more after hospital admission
R40.2121	Coma scale, eyes open, to pain, in the field [EMT or ambulance]
R40.2122	Coma scale, eyes open, to pain, at arrival to emergency department
R40.2123	Coma scale, eyes open, to pain, at hospital admission
R40.2124	Coma scale, eyes open, to pain, 24 hours or more after hospital admission
R40.2211	Coma scale, best verbal response, none, in the field [EMT or ambulance]
R40.2212	Coma scale, best verbal response, none, at arrival to emergency department
R40.2213	Coma scale, best verbal response, none, at hospital admission
R40.2214	Coma scale, best verbal response, none, 24 hours or more after hospital admission
R40.2221	Coma scale, best verbal response, incomprehensible words, in the field [EMT or ambulance]
R40.2222	Coma scale, best verbal response, incomprehensible words, at arrival to emergency department
R40.2223	Coma scale, best verbal response, incomprehensible words, at hospital admission
R40.2224	Coma scale, best verbal response, incomprehensible words, 24 hours or more after hospital admission
R40.2311	Coma scale, best motor response, none, in the field [EMT or ambulance]
R40.2312	Coma scale, best motor response, none, at arrival to emergency department
R40.2313	Coma scale, best motor response, none, at hospital admission
R40.2314	Coma scale, best motor response, none, 24 hours or more after hospital admission
R40.2321	Coma scale, best motor response, extension, in the field [EMT or ambulance]
R40.2322	Coma scale, best motor response, extension, at arrival to emergency department
R40.2323	Coma scale, best motor response, extension, at hospital admission
R40.2324	Coma scale, best motor response, extension, 24 hours or more after hospital admission
R40.2341	Coma scale, best motor response, flexion withdrawal, in the field [EMT or ambulance]
R40.2342	Coma scale, best motor response, flexion withdrawal, at arrival to emergency department
R40.2343	Coma scale, best motor response, flexion withdrawal, at hospital admission
R40.2344	Coma scale, best motor response, flexion withdrawal, 24 hours or more after hospital admission
R40.4	Transient alteration of awareness
R41.0	Disorientation, unspecified
R53.0	Neoplastic (malignant) related fatigue
R53.1	Weakness
R53.81	Other malaise
R53.83	Other fatigue
R55	Syncope and collapse
R56.00	Simple febrile convulsions
R56.01	Complex febrile convulsions
R57.0	Cardiogenic shock
R57.1	Hypovolemic shock

ICD-10 Codes	Description
R57.8	Other shock
R63.0	Anorexia
R63.3	Feeding difficulties
R63.4	Abnormal weight loss
R63.6	Underweight
R63.8	Other symptoms and signs concerning food and fluid intake
R64	Cachexia
R78.71	Abnormal lead level in blood
R78.79	Finding of abnormal level of heavy metals in blood
R78.89	Finding of other specified substances, not normally found in blood
R79.0	Abnormal level of blood mineral
R79.89	Other specified abnormal findings of blood chemistry
R94.31	Abnormal electrocardiogram [ECG] [EKG]
R94.4	Abnormal results of kidney function studies
T36.0X5A	Adverse effect of penicillins, initial encounter
T36.0X5D	Adverse effect of penicillins, subsequent encounter
T36.0X5S	Adverse effect of penicillins, sequela
T36.1X5A	Adverse effect of cephalosporins and other beta-lactam antibiotics, initial encounter
T36.1X5D	Adverse effect of cephalosporins and other beta-lactam antibiotics, subsequent encounter
T36.1X5S	Adverse effect of cephalosporins and other beta-lactam antibiotics, sequela
T36.2X5A	Adverse effect of chloramphenicol group, initial encounter
T36.2X5D	Adverse effect of chloramphenicol group, subsequent encounter
T36.2X5S	Adverse effect of chloramphenicol group, sequela
T36.3X5A	Adverse effect of macrolides, initial encounter
T36.3X5D	Adverse effect of macrolides, subsequent encounter
T36.3X5S	Adverse effect of macrolides, sequela
T36.4X5A	Adverse effect of tetracyclines, initial encounter
T36.4X5D	Adverse effect of tetracyclines, subsequent encounter
T36.4X5S	Adverse effect of tetracyclines, sequela
T36.5X5A	Adverse effect of aminoglycosides, initial encounter
T36.5X5D	Adverse effect of aminoglycosides, subsequent encounter
T36.5X5S	Adverse effect of aminoglycosides, sequela
T36.6X5A	Adverse effect of rifampicins, initial encounter
T36.6X5D	Adverse effect of rifampicins, subsequent encounter
T36.6X5S	Adverse effect of rifampicins, sequela
T36.7X5A	Adverse effect of antifungal antibiotics, systemically used, initial encounter
T36.7X5D	Adverse effect of antifungal antibiotics, systemically used, subsequent encounter
T36.7X5S	Adverse effect of antifungal antibiotics, systemically used, sequela
T36.8X5A	Adverse effect of other systemic antibiotics, initial encounter
T36.8X5D	Adverse effect of other systemic antibiotics, subsequent encounter
T36.8X5S	Adverse effect of other systemic antibiotics, sequela
T37.0X5A	Adverse effect of sulfonamides, initial encounter
T37.0X5D	Adverse effect of sulfonamides, subsequent encounter
T37.0X5S	Adverse effect of sulfonamides, sequela
T37.1X5A	Adverse effect of antimycobacterial drugs, initial encounter
T37.1X5D	Adverse effect of antimycobacterial drugs, subsequent encounter
T37.1X5S	Adverse effect of antimycobacterial drugs, sequela
T37.2X5A	Adverse effect of antimalarials and drugs acting on other blood protozoa, initial encounter
T37.2X5D	Adverse effect of antimalarials and drugs acting on other blood protozoa, subsequent encounter
T37.2X5S	Adverse effect of antimalarials and drugs acting on other blood protozoa, sequela
T37.3X5A	Adverse effect of other antiprotozoal drugs, initial encounter
T37.3X5D	Adverse effect of other antiprotozoal drugs, subsequent encounter
T37.3X5S	Adverse effect of other antiprotozoal drugs, sequela
T37.4X5A	Adverse effect of anthelmintics, initial encounter
T37.4X5D	Adverse effect of anthelmintics, subsequent encounter
T37.4X5S	Adverse effect of anthelmintics, sequela
T37.5X5A	Adverse effect of antiviral drugs, initial encounter
T37.5X5D	Adverse effect of antiviral drugs, subsequent encounter

ICD-10 Codes	Description
T37.5X5S	Adverse effect of antiviral drugs, sequela
T37.8X5A	Adverse effect of other specified systemic anti-infectives and antiparasitics, initial encounter
T37.8X5D	Adverse effect of other specified systemic anti-infectives and antiparasitics, subsequent encounter
T37.8X5S	Adverse effect of other specified systemic anti-infectives and antiparasitics, sequela
T38.0X5A	Adverse effect of glucocorticoids and synthetic analogues, initial encounter
T38.0X5D	Adverse effect of glucocorticoids and synthetic analogues, subsequent encounter
T38.0X5S	Adverse effect of glucocorticoids and synthetic analogues, sequela
T38.1X5A	Adverse effect of thyroid hormones and substitutes, initial encounter
T38.1X5D	Adverse effect of thyroid hormones and substitutes, subsequent encounter
T38.1X5S	Adverse effect of thyroid hormones and substitutes, sequela
T38.2X5A	Adverse effect of antithyroid drugs, initial encounter
T38.2X5D	Adverse effect of antithyroid drugs, subsequent encounter
T38.2X5S	Adverse effect of antithyroid drugs, sequela
T38.3X5A	Adverse effect of insulin and oral hypoglycemic [antidiabetic] drugs, initial encounter
T38.3X5D	Adverse effect of insulin and oral hypoglycemic [antidiabetic] drugs, subsequent encounter
T38.3X5S	Adverse effect of insulin and oral hypoglycemic [antidiabetic] drugs, sequela
T38.4X5A	Adverse effect of oral contraceptives, initial encounter
T38.4X5D	Adverse effect of oral contraceptives, subsequent encounter
T38.4X5S	Adverse effect of oral contraceptives, sequela
T38.5X5A	Adverse effect of other estrogens and progestogens, initial encounter
T38.5X5D	Adverse effect of other estrogens and progestogens, subsequent encounter
T38.5X5S	Adverse effect of other estrogens and progestogens, sequela
T38.6X5A	Adverse effect of antigonadotrophins, antiestrogens, antiandrogens, not elsewhere classified, initial encounter
T38.6X5D	Adverse effect of antigonadotrophins, antiestrogens, antiandrogens, not elsewhere classified, subsequent encounter
T38.6X5S	Adverse effect of antigonadotrophins, antiestrogens, antiandrogens, not elsewhere classified, sequela
T38.7X5A	Adverse effect of androgens and anabolic congeners, initial encounter
T38.7X5D	Adverse effect of androgens and anabolic congeners, subsequent encounter
T38.7X5S	Adverse effect of androgens and anabolic congeners, sequela
T38.815A	Adverse effect of anterior pituitary [adenohypophyseal] hormones, initial encounter
T38.815D	Adverse effect of anterior pituitary [adenohypophyseal] hormones, subsequent encounter
T38.815S	Adverse effect of anterior pituitary [adenohypophyseal] hormones, sequela
T38.895A	Adverse effect of other hormones and synthetic substitutes, initial encounter
T38.895D	Adverse effect of other hormones and synthetic substitutes, subsequent encounter
T38.895S	Adverse effect of other hormones and synthetic substitutes, sequela
T39.095A	Adverse effect of salicylates, initial encounter
T39.095D	Adverse effect of salicylates, subsequent encounter
T39.095S	Adverse effect of salicylates, sequela
T39.1X5A	Adverse effect of 4-Aminophenol derivatives, initial encounter
T39.1X5D	Adverse effect of 4-Aminophenol derivatives, subsequent encounter
T39.1X5S	Adverse effect of 4-Aminophenol derivatives, sequela
T39.2X5A	Adverse effect of pyrazolone derivatives, initial encounter
T39.2X5D	Adverse effect of pyrazolone derivatives, subsequent encounter
T39.2X5S	Adverse effect of pyrazolone derivatives, sequela
T39.315A	Adverse effect of propionic acid derivatives, initial encounter
T39.315D	Adverse effect of propionic acid derivatives, subsequent encounter
T39.315S	Adverse effect of propionic acid derivatives, sequela
T39.395A	Adverse effect of other nonsteroidal anti-inflammatory drugs [NSAID], initial encounter
T39.395D	Adverse effect of other nonsteroidal anti-inflammatory drugs [NSAID], subsequent encounter
T39.395S	Adverse effect of other nonsteroidal anti-inflammatory drugs [NSAID], sequela
T39.4X5A	Adverse effect of antirheumatics, not elsewhere classified, initial encounter
T39.4X5D	Adverse effect of antirheumatics, not elsewhere classified, subsequent encounter
T39.4X5S	Adverse effect of antirheumatics, not elsewhere classified, sequela
T39.8X5A	Adverse effect of other nonopioid analgesics and antipyretics, not elsewhere classified, initial encounter
T39.8X5D	

ICD-10 Codes	Description
	Adverse effect of other nonopioid analgesics and antipyretics, not elsewhere classified, subsequent encounter
T39.8X5S	Adverse effect of other nonopioid analgesics and antipyretics, not elsewhere classified, sequela
T40.0X5A	Adverse effect of opium, initial encounter
T40.0X5D	Adverse effect of opium, subsequent encounter
T40.0X5S	Adverse effect of opium, sequela
T40.2X5A	Adverse effect of other opioids, initial encounter
T40.2X5D	Adverse effect of other opioids, subsequent encounter
T40.2X5S	Adverse effect of other opioids, sequela
T40.3X5A	Adverse effect of methadone, initial encounter
T40.3X5D	Adverse effect of methadone, subsequent encounter
T40.3X5S	Adverse effect of methadone, sequela
T40.4X5A	Adverse effect of other synthetic narcotics, initial encounter
T40.4X5D	Adverse effect of other synthetic narcotics, subsequent encounter
T40.4X5S	Adverse effect of other synthetic narcotics, sequela
T40.5X5A	Adverse effect of cocaine, initial encounter
T40.5X5D	Adverse effect of cocaine, subsequent encounter
T40.5X5S	Adverse effect of cocaine, sequela
T40.695A	Adverse effect of other narcotics, initial encounter
T40.695D	Adverse effect of other narcotics, subsequent encounter
T40.695S	Adverse effect of other narcotics, sequela
T40.7X5A	Adverse effect of cannabis (derivatives), initial encounter
T40.7X5D	Adverse effect of cannabis (derivatives), subsequent encounter
T40.7X5S	Adverse effect of cannabis (derivatives), sequela
T40.995A	Adverse effect of other psychodysleptics [hallucinogens], initial encounter
T40.995D	Adverse effect of other psychodysleptics [hallucinogens], subsequent encounter
T40.995S	Adverse effect of other psychodysleptics [hallucinogens], sequela
T41.5X5A	Adverse effect of therapeutic gases, initial encounter
T41.5X5D	Adverse effect of therapeutic gases, subsequent encounter
T41.5X5S	Adverse effect of therapeutic gases, sequela
T42.0X5A	Adverse effect of hydantoin derivatives, initial encounter
T42.0X5D	Adverse effect of hydantoin derivatives, subsequent encounter
T42.0X5S	Adverse effect of hydantoin derivatives, sequela
T42.1X5A	Adverse effect of iminostilbenes, initial encounter
T42.1X5D	Adverse effect of iminostilbenes, subsequent encounter
T42.1X5S	Adverse effect of iminostilbenes, sequela
T42.2X5A	Adverse effect of succinimides and oxazolidinediones, initial encounter
T42.2X5D	Adverse effect of succinimides and oxazolidinediones, subsequent encounter
T42.2X5S	Adverse effect of succinimides and oxazolidinediones, sequela
T42.3X5A	Adverse effect of barbiturates, initial encounter
T42.3X5D	Adverse effect of barbiturates, subsequent encounter
T42.3X5S	Adverse effect of barbiturates, sequela
T42.4X5A	Adverse effect of benzodiazepines, initial encounter
T42.4X5D	Adverse effect of benzodiazepines, subsequent encounter
T42.4X5S	Adverse effect of benzodiazepines, sequela
T42.5X5A	Adverse effect of mixed antiepileptics, initial encounter
T42.5X5D	Adverse effect of mixed antiepileptics, subsequent encounter
T42.5X5S	Adverse effect of mixed antiepileptics, sequela
T42.6X5A	Adverse effect of other antiepileptic and sedative-hypnotic drugs, initial encounter
T42.6X5D	Adverse effect of other antiepileptic and sedative-hypnotic drugs, subsequent encounter
T42.6X5S	Adverse effect of other antiepileptic and sedative-hypnotic drugs, sequela
T42.8X5A	Adverse effect of antiparkinsonism drugs and other central muscle-tone depressants, initial encounter
T42.8X5D	Adverse effect of antiparkinsonism drugs and other central muscle-tone depressants, subsequent encounter
T42.8X5S	Adverse effect of antiparkinsonism drugs and other central muscle-tone depressants, sequela
T43.015A	Adverse effect of tricyclic antidepressants, initial encounter
T43.015D	Adverse effect of tricyclic antidepressants, subsequent encounter

ICD-10 Codes	Description
T43.015S	Adverse effect of tricyclic antidepressants, sequela
T43.025A	Adverse effect of tetracyclic antidepressants, initial encounter
T43.025D	Adverse effect of tetracyclic antidepressants, subsequent encounter
T43.025S	Adverse effect of tetracyclic antidepressants, sequela
T43.1X5A	Adverse effect of monoamine-oxidase-inhibitor antidepressants, initial encounter
T43.1X5D	Adverse effect of monoamine-oxidase-inhibitor antidepressants, subsequent encounter
T43.1X5S	Adverse effect of monoamine-oxidase-inhibitor antidepressants, sequela
T43.215A	Adverse effect of selective serotonin and norepinephrine reuptake inhibitors, initial encounter
T43.215D	Adverse effect of selective serotonin and norepinephrine reuptake inhibitors, subsequent encounter
T43.215S	Adverse effect of selective serotonin and norepinephrine reuptake inhibitors, sequela
T43.225A	Adverse effect of selective serotonin reuptake inhibitors, initial encounter
T43.225D	Adverse effect of selective serotonin reuptake inhibitors, subsequent encounter
T43.225S	Adverse effect of selective serotonin reuptake inhibitors, sequela
T43.295A	Adverse effect of other antidepressants, initial encounter
T43.295D	Adverse effect of other antidepressants, subsequent encounter
T43.295S	Adverse effect of other antidepressants, sequela
T43.3X5A	Adverse effect of phenothiazine antipsychotics and neuroleptics, initial encounter
T43.3X5D	Adverse effect of phenothiazine antipsychotics and neuroleptics, subsequent encounter
T43.3X5S	Adverse effect of phenothiazine antipsychotics and neuroleptics, sequela
T43.4X5A	Adverse effect of butyrophenone and thiothixene neuroleptics, initial encounter
T43.4X5D	Adverse effect of butyrophenone and thiothixene neuroleptics, subsequent encounter
T43.4X5S	Adverse effect of butyrophenone and thiothixene neuroleptics, sequela
T43.595A	Adverse effect of other antipsychotics and neuroleptics, initial encounter
T43.595D	Adverse effect of other antipsychotics and neuroleptics, subsequent encounter
T43.595S	Adverse effect of other antipsychotics and neuroleptics, sequela
T43.615A	Adverse effect of caffeine, initial encounter
T43.615D	Adverse effect of caffeine, subsequent encounter
T43.615S	Adverse effect of caffeine, sequela
T43.625A	Adverse effect of amphetamines, initial encounter
T43.625D	Adverse effect of amphetamines, subsequent encounter
T43.625S	Adverse effect of amphetamines, sequela
T43.635A	Adverse effect of methylphenidate, initial encounter
T43.635D	Adverse effect of methylphenidate, subsequent encounter
T43.635S	Adverse effect of methylphenidate, sequela
T43.695A	Adverse effect of other psychostimulants, initial encounter
T43.695D	Adverse effect of other psychostimulants, subsequent encounter
T43.695S	Adverse effect of other psychostimulants, sequela
T43.8X5A	Adverse effect of other psychotropic drugs, initial encounter
T43.8X5D	Adverse effect of other psychotropic drugs, subsequent encounter
T43.8X5S	Adverse effect of other psychotropic drugs, sequela
T44.0X5A	Adverse effect of anticholinesterase agents, initial encounter
T44.0X5D	Adverse effect of anticholinesterase agents, subsequent encounter
T44.0X5S	Adverse effect of anticholinesterase agents, sequela
T44.1X5A	Adverse effect of other parasympathomimetics [cholinergics], initial encounter
T44.1X5D	Adverse effect of other parasympathomimetics [cholinergics], subsequent encounter
T44.1X5S	Adverse effect of other parasympathomimetics [cholinergics], sequela
T44.2X5A	Adverse effect of ganglionic blocking drugs, initial encounter
T44.2X5D	Adverse effect of ganglionic blocking drugs, subsequent encounter
T44.2X5S	Adverse effect of ganglionic blocking drugs, sequela
T44.3X5A	Adverse effect of other parasympatholytics [anticholinergics and antimuscarinics] and spasmolytics, initial encounter
T44.3X5D	Adverse effect of other parasympatholytics [anticholinergics and antimuscarinics] and spasmolytics, subsequent encounter
T44.3X5S	Adverse effect of other parasympatholytics [anticholinergics and antimuscarinics] and spasmolytics, sequela
T44.4X5A	Adverse effect of predominantly alpha-adrenoreceptor agonists, initial encounter
T44.4X5D	Adverse effect of predominantly alpha-adrenoreceptor agonists, subsequent encounter
T44.4X5S	Adverse effect of predominantly alpha-adrenoreceptor agonists, sequela

ICD-10 Codes	Description
T44.5X5A	Adverse effect of predominantly beta-adrenoreceptor agonists, initial encounter
T44.5X5D	Adverse effect of predominantly beta-adrenoreceptor agonists, subsequent encounter
T44.5X5S	Adverse effect of predominantly beta-adrenoreceptor agonists, sequela
T44.6X5A	Adverse effect of alpha-adrenoreceptor antagonists, initial encounter
T44.6X5D	Adverse effect of alpha-adrenoreceptor antagonists, subsequent encounter
T44.6X5S	Adverse effect of alpha-adrenoreceptor antagonists, sequela
T44.7X5A	Adverse effect of beta-adrenoreceptor antagonists, initial encounter
T44.7X5D	Adverse effect of beta-adrenoreceptor antagonists, subsequent encounter
T44.7X5S	Adverse effect of beta-adrenoreceptor antagonists, sequela
T44.8X5A	Adverse effect of centrally-acting and adrenergic-neuron-blocking agents, initial encounter
T44.8X5D	Adverse effect of centrally-acting and adrenergic-neuron-blocking agents, subsequent encounter
T44.8X5S	Adverse effect of centrally-acting and adrenergic-neuron-blocking agents, sequela
T44.995A	Adverse effect of other drug primarily affecting the autonomic nervous system, initial encounter
T44.995D	Adverse effect of other drug primarily affecting the autonomic nervous system, subsequent encounter
T44.995S	Adverse effect of other drug primarily affecting the autonomic nervous system, sequela
T45.0X5A	Adverse effect of antiallergic and antiemetic drugs, initial encounter
T45.0X5D	Adverse effect of antiallergic and antiemetic drugs, subsequent encounter
T45.0X5S	Adverse effect of antiallergic and antiemetic drugs, sequela
T45.1X5A*	Adverse effect of antineoplastic and immunosuppressive drugs, initial encounter
T45.1X5D*	Adverse effect of antineoplastic and immunosuppressive drugs, subsequent encounter
T45.1X5S*	Adverse effect of antineoplastic and immunosuppressive drugs, sequela
T45.2X5A	Adverse effect of vitamins, initial encounter
T45.2X5D	Adverse effect of vitamins, subsequent encounter
T45.2X5S	Adverse effect of vitamins, sequela
T45.3X5A	Adverse effect of enzymes, initial encounter
T45.3X5D	Adverse effect of enzymes, subsequent encounter
T45.3X5S	Adverse effect of enzymes, sequela
T45.4X5A	Adverse effect of iron and its compounds, initial encounter
T45.4X5D	Adverse effect of iron and its compounds, subsequent encounter
T45.4X5S	Adverse effect of iron and its compounds, sequela
T45.515A	Adverse effect of anticoagulants, initial encounter
T45.515D	Adverse effect of anticoagulants, subsequent encounter
T45.515S	Adverse effect of anticoagulants, sequela
T45.525A	Adverse effect of antithrombotic drugs, initial encounter
T45.525D	Adverse effect of antithrombotic drugs, subsequent encounter
T45.525S	Adverse effect of antithrombotic drugs, sequela
T45.615A	Adverse effect of thrombolytic drugs, initial encounter
T45.615D	Adverse effect of thrombolytic drugs, subsequent encounter
T45.615S	Adverse effect of thrombolytic drugs, sequela
T45.625A	Adverse effect of hemostatic drug, initial encounter
T45.625D	Adverse effect of hemostatic drug, subsequent encounter
T45.625S	Adverse effect of hemostatic drug, sequela
T45.695A	Adverse effect of other fibrinolysis-affecting drugs, initial encounter
T45.695D	Adverse effect of other fibrinolysis-affecting drugs, subsequent encounter
T45.695S	Adverse effect of other fibrinolysis-affecting drugs, sequela
T45.7X5A	Adverse effect of anticoagulant antagonists, vitamin K and other coagulants, initial encounter
T45.7X5D	Adverse effect of anticoagulant antagonists, vitamin K and other coagulants, subsequent encounter
T45.7X5S	Adverse effect of anticoagulant antagonists, vitamin K and other coagulants, sequela
T45.8X5A	Adverse effect of other primarily systemic and hematological agents, initial encounter
T45.8X5D	Adverse effect of other primarily systemic and hematological agents, subsequent encounter
T45.8X5S	Adverse effect of other primarily systemic and hematological agents, sequela
T46.0X5A	Adverse effect of cardiac-stimulant glycosides and drugs of similar action, initial encounter
T46.0X5D	Adverse effect of cardiac-stimulant glycosides and drugs of similar action, subsequent encounter
T46.0X5S	Adverse effect of cardiac-stimulant glycosides and drugs of similar action, sequela
T46.1X5A	Adverse effect of calcium-channel blockers, initial encounter
T46.1X5D	Adverse effect of calcium-channel blockers, subsequent encounter
T46.1X5S	Adverse effect of calcium-channel blockers, sequela

ICD-10 Codes	Description
T46.2X5A	Adverse effect of other antidysrhythmic drugs, initial encounter
T46.2X5D	Adverse effect of other antidysrhythmic drugs, subsequent encounter
T46.2X5S	Adverse effect of other antidysrhythmic drugs, sequela
T46.3X5A	Adverse effect of coronary vasodilators, initial encounter
T46.3X5D	Adverse effect of coronary vasodilators, subsequent encounter
T46.3X5S	Adverse effect of coronary vasodilators, sequela
T46.4X5A	Adverse effect of angiotensin-converting-enzyme inhibitors, initial encounter
T46.4X5D	Adverse effect of angiotensin-converting-enzyme inhibitors, subsequent encounter
T46.4X5S	Adverse effect of angiotensin-converting-enzyme inhibitors, sequela
T46.5X5A	Adverse effect of other antihypertensive drugs, initial encounter
T46.5X5D	Adverse effect of other antihypertensive drugs, subsequent encounter
T46.5X5S	Adverse effect of other antihypertensive drugs, sequela
T46.6X5A	Adverse effect of antihyperlipidemic and antiarteriosclerotic drugs, initial encounter
T46.6X5D	Adverse effect of antihyperlipidemic and antiarteriosclerotic drugs, subsequent encounter
T46.6X5S	Adverse effect of antihyperlipidemic and antiarteriosclerotic drugs, sequela
T46.7X5A	Adverse effect of peripheral vasodilators, initial encounter
T46.7X5D	Adverse effect of peripheral vasodilators, subsequent encounter
T46.7X5S	Adverse effect of peripheral vasodilators, sequela
T46.8X5A	Adverse effect of antivaricose drugs, including sclerosing agents, initial encounter
T46.8X5D	Adverse effect of antivaricose drugs, including sclerosing agents, subsequent encounter
T46.8X5S	Adverse effect of antivaricose drugs, including sclerosing agents, sequela
T46.995A	Adverse effect of other agents primarily affecting the cardiovascular system, initial encounter
T46.995D	Adverse effect of other agents primarily affecting the cardiovascular system, subsequent encounter
T46.995S	Adverse effect of other agents primarily affecting the cardiovascular system, sequela
T47.0X5A	Adverse effect of histamine H2-receptor blockers, initial encounter
T47.0X5D	Adverse effect of histamine H2-receptor blockers, subsequent encounter
T47.0X5S	Adverse effect of histamine H2-receptor blockers, sequela
T47.1X5A	Adverse effect of other antacids and anti-gastric-secretion drugs, initial encounter
T47.1X5D	Adverse effect of other antacids and anti-gastric-secretion drugs, subsequent encounter
T47.1X5S	Adverse effect of other antacids and anti-gastric-secretion drugs, sequela
T47.2X5A	Adverse effect of stimulant laxatives, initial encounter
T47.2X5D	Adverse effect of stimulant laxatives, subsequent encounter
T47.2X5S	Adverse effect of stimulant laxatives, sequela
T47.3X5A	Adverse effect of saline and osmotic laxatives, initial encounter
T47.3X5D	Adverse effect of saline and osmotic laxatives, subsequent encounter
T47.3X5S	Adverse effect of saline and osmotic laxatives, sequela
T47.4X5A	Adverse effect of other laxatives, initial encounter
T47.4X5D	Adverse effect of other laxatives, subsequent encounter
T47.4X5S	Adverse effect of other laxatives, sequela
T47.5X5A	Adverse effect of digestants, initial encounter
T47.5X5D	Adverse effect of digestants, subsequent encounter
T47.5X5S	Adverse effect of digestants, sequela
T47.6X5A	Adverse effect of antidiarrheal drugs, initial encounter
T47.6X5D	Adverse effect of antidiarrheal drugs, subsequent encounter
T47.6X5S	Adverse effect of antidiarrheal drugs, sequela
T47.7X5A	Adverse effect of emetics, initial encounter
T47.7X5D	Adverse effect of emetics, subsequent encounter
T47.7X5S	Adverse effect of emetics, sequela
T47.8X5A	Adverse effect of other agents primarily affecting gastrointestinal system, initial encounter
T47.8X5D	Adverse effect of other agents primarily affecting gastrointestinal system, subsequent encounter
T47.8X5S	Adverse effect of other agents primarily affecting gastrointestinal system, sequela
T48.0X5A	Adverse effect of oxytocic drugs, initial encounter
T48.0X5D	Adverse effect of oxytocic drugs, subsequent encounter
T48.0X5S	Adverse effect of oxytocic drugs, sequela
T48.1X5A	Adverse effect of skeletal muscle relaxants [neuromuscular blocking agents], initial encounter
T48.1X5D	Adverse effect of skeletal muscle relaxants [neuromuscular blocking agents], subsequent encounter
T48.1X5S	Adverse effect of skeletal muscle relaxants [neuromuscular blocking agents], sequela
T48.295A	Adverse effect of other drugs acting on muscles, initial encounter

ICD-10 Codes	Description
T48.295D	Adverse effect of other drugs acting on muscles, subsequent encounter
T48.295S	Adverse effect of other drugs acting on muscles, sequela
T48.3X5A	Adverse effect of antitussives, initial encounter
T48.3X5D	Adverse effect of antitussives, subsequent encounter
T48.3X5S	Adverse effect of antitussives, sequela
T48.4X5A	Adverse effect of expectorants, initial encounter
T48.4X5D	Adverse effect of expectorants, subsequent encounter
T48.4X5S	Adverse effect of expectorants, sequela
T48.5X5A	Adverse effect of other anti-common-cold drugs, initial encounter
T48.5X5D	Adverse effect of other anti-common-cold drugs, subsequent encounter
T48.5X5S	Adverse effect of other anti-common-cold drugs, sequela
T48.6X5A	Adverse effect of antiasthmatics, initial encounter
T48.6X5D	Adverse effect of antiasthmatics, subsequent encounter
T48.6X5S	Adverse effect of antiasthmatics, sequela
T48.995A	Adverse effect of other agents primarily acting on the respiratory system, initial encounter
T48.995D	Adverse effect of other agents primarily acting on the respiratory system, subsequent encounter
T48.995S	Adverse effect of other agents primarily acting on the respiratory system, sequela
T49.0X5A	Adverse effect of local antifungal, anti-infective and anti-inflammatory drugs, initial encounter
T49.0X5D	Adverse effect of local antifungal, anti-infective and anti-inflammatory drugs, subsequent encounter
T49.0X5S	Adverse effect of local antifungal, anti-infective and anti-inflammatory drugs, sequela
T49.1X5A	Adverse effect of antipruritics, initial encounter
T49.1X5D	Adverse effect of antipruritics, subsequent encounter
T49.1X5S	Adverse effect of antipruritics, sequela
T50.0X5A	Adverse effect of mineralocorticoids and their antagonists, initial encounter
T50.0X5D	Adverse effect of mineralocorticoids and their antagonists, subsequent encounter
T50.0X5S	Adverse effect of mineralocorticoids and their antagonists, sequela
T50.1X5A	Adverse effect of loop [high-ceiling] diuretics, initial encounter
T50.1X5D	Adverse effect of loop [high-ceiling] diuretics, subsequent encounter
T50.1X5S	Adverse effect of loop [high-ceiling] diuretics, sequela
T50.2X5A	Adverse effect of carbonic-anhydrase inhibitors, benzothiadiazides and other diuretics, initial encounter
T50.2X5D	Adverse effect of carbonic-anhydrase inhibitors, benzothiadiazides and other diuretics, subsequent encounter
T50.2X5S	Adverse effect of carbonic-anhydrase inhibitors, benzothiadiazides and other diuretics, sequela
T50.3X5A	Adverse effect of electrolytic, caloric and water-balance agents, initial encounter
T50.3X5D	Adverse effect of electrolytic, caloric and water-balance agents, subsequent encounter
T50.3X5S	Adverse effect of electrolytic, caloric and water-balance agents, sequela
T50.4X5A	Adverse effect of drugs affecting uric acid metabolism, initial encounter
T50.4X5D	Adverse effect of drugs affecting uric acid metabolism, subsequent encounter
T50.4X5S	Adverse effect of drugs affecting uric acid metabolism, sequela
T50.5X5A	Adverse effect of appetite depressants, initial encounter
T50.5X5D	Adverse effect of appetite depressants, subsequent encounter
T50.5X5S	Adverse effect of appetite depressants, sequela
T50.6X5A	Adverse effect of antidotes and chelating agents, initial encounter
T50.6X5D	Adverse effect of antidotes and chelating agents, subsequent encounter
T50.6X5S	Adverse effect of antidotes and chelating agents, sequela
T50.7X5A	Adverse effect of analeptics and opioid receptor antagonists, initial encounter
T50.7X5D	Adverse effect of analeptics and opioid receptor antagonists, subsequent encounter
T50.7X5S	Adverse effect of analeptics and opioid receptor antagonists, sequela
T50.8X5A	Adverse effect of diagnostic agents, initial encounter
T50.8X5D	Adverse effect of diagnostic agents, subsequent encounter
T50.8X5S	Adverse effect of diagnostic agents, sequela
T79.4XXA	Traumatic shock, initial encounter
T79.4XXD	Traumatic shock, subsequent encounter
T79.4XXS	Traumatic shock, sequela
T81.12XA	Postprocedural septic shock, initial encounter
T81.12XD	Postprocedural septic shock, subsequent encounter
T81.12XS	Postprocedural septic shock, sequela

ICD-10 Codes	Description
T86.11	Kidney transplant rejection
T86.12	Kidney transplant failure
T86.13	Kidney transplant infection
T86.19	Other complication of kidney transplant
Z48.21	Encounter for aftercare following heart transplant
Z48.22	Encounter for aftercare following kidney transplant
Z48.23	Encounter for aftercare following liver transplant
Z48.280	Encounter for aftercare following heart-lung transplant
Z49.31	Encounter for adequacy testing for hemodialysis
Z49.32	Encounter for adequacy testing for peritoneal dialysis
Z51.11	Encounter for antineoplastic chemotherapy
Z51.12	Encounter for antineoplastic immunotherapy
Z79.2	Long term (current) use of antibiotics
Z79.4	Long term (current) use of insulin
Z79.51	Long term (current) use of inhaled steroids
Z79.52	Long term (current) use of systemic steroids
Z79.83	Long term (current) use of bisphosphonates
Z79.84	Long term (current) use of oral hypoglycemic drugs
Z79.891	Long term (current) use of opiate analgesic
Z79.899	Other long term (current) drug therapy
Z92.21	Personal history of antineoplastic chemotherapy
Z92.22	Personal history of monoclonal drug therapy
Z94.0	Kidney transplant status
Z94.1	Heart transplant status
Z94.3	Heart and lungs transplant status
Z94.4	Liver transplant status
Z94.83	Pancreas transplant status

Group 1 Medical Necessity ICD-10 Codes Asterisk Explanation:

*"Use T45.1X5A T45.1X5D and T45.1X5S in addition to the code that indicates the nature of the condition"

ICD-10 Codes that DO NOT Support Medical Necessity

Group 1 Paragraph:

All ICD-10-CM codes not listed in this policy under "ICD-10-CM Codes that Support Medical Necessity" above.

Group 1 Codes: N/A

ICD-10 Additional Information [Back to Top](#)

[General Information](#)

Associated Information

Documentation must be made available to Medicare upon request. Failure to do so, may result in denial of claims.

Documentation of the medical necessity of the test must be retained in the ordering physician's patient medical record. Documentation should state the signs/symptoms and/or diagnosis that caused the need of the test

procedure.

Laboratories must maintain the record of the physician's order for the test.

Medical records must contain the lab test results.

When requesting an individual consideration through the written redetermination (formerly appeal) process, providers must include all relevant medical records and literature that supports the request. At a minimum two (2) Phase II studies (human feasibility studies suggesting efficacy, pilots) or one (1) Phase III study (primary evidence of safety and efficacy, pivotal) must be submitted for the Medical Director's review.

Sources of Information

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Bibliography

NA

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[Revision History Information](#)

Revision History Date	Revision History Number	Revision History Explanation	Reason(s) for Change
10/01/2017	R1		

Revision History Date	Revision History Number	Revision History Explanation	Reason(s) for Change
		08/24/2017: At this time 21st Century Cures Act will apply to new and revised LCDs that restrict coverage which requires comment and notice. This revision is not a restriction to the coverage determination; and, therefore not all the fields included on the LCD are applicable as noted in this policy.	<ul style="list-style-type: none"> Revisions Due To ICD-10-CM Code Changes
		Effective DOS 10/01/2017 the following ICD-10-CM codes were added and deleted:	
		Add:	
		<ul style="list-style-type: none"> K56.50 K56.51 K56.52 	
		The following ICD-10 codes were deleted from the ICD-10 Codes that Support Medical Necessity field: K56.5 was deleted from Group 1	

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Associated Documents

Attachments N/A

Related Local Coverage Documents Article(s) [A55361 - Response to Comments: Serum Magnesium](#) LCD(s) [DL36702 - Serum Magnesium](#)

Related National Coverage Documents N/A

Public Version(s) Updated on 08/31/2017 with effective dates 10/01/2017 - N/A [Updated on 01/11/2017 with effective dates 03/13/2017 - N/A](#) [Back to Top](#)

Keywords

- Serum
- Magnesium
- Mag
- MG++
- 83735

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