

Chapter 4

Endocrine, nutritional and metabolic diseases (E00-E89)

Note: All neoplasms, whether functionally active or not, are classified in Chapter 2. Appropriate codes in this chapter (i.e. E05.8, E07.0, E16-E31, E34.-) may be used as additional codes to indicate either functional activity by neoplasms and ectopic endocrine tissue or hyperfunction and hypofunction of endocrine glands associated with neoplasms and other conditions classified elsewhere.

Excludes1: transitory endocrine and metabolic disorders specific to newborn (P70-P74)

This chapter contains the following blocks:

E00-E07	Disorders of thyroid gland
E08-E13	Diabetes mellitus
E15-E16	Other disorders of glucose regulation and pancreatic internal secretion
E20-E35	Disorders of other endocrine glands
E36	Intraoperative complications of endocrine system
E40-E46	Malnutrition
E50-E64	Other nutritional deficiencies
E65-E68	Overweight, obesity and other hyperalimentation
E70-E88	Metabolic disorders
E89	Postprocedural endocrine and metabolic complications and disorders, not elsewhere classified

Disorders of thyroid gland (E00-E07)

E00 Congenital iodine-deficiency syndrome

Use additional code (F70-F79) to identify associated intellectual disabilities.

Excludes1: subclinical iodine-deficiency hypothyroidism (E02)

E00.0 Congenital iodine-deficiency syndrome, neurological type

Endemic cretinism, neurological type

E00.1 Congenital iodine-deficiency syndrome, myxedematous type

Endemic hypothyroid cretinism

Endemic cretinism, myxedematous type

E00.2 Congenital iodine-deficiency syndrome, mixed type

Endemic cretinism, mixed type

E00.9 Congenital iodine-deficiency syndrome, unspecified

Congenital iodine-deficiency hypothyroidism NOS

Endemic cretinism NOS

E01 Iodine-deficiency related thyroid disorders and allied conditions

Excludes1: congenital iodine-deficiency syndrome (E00.-)
subclinical iodine-deficiency hypothyroidism (E02)

E01.0 Iodine-deficiency related diffuse (endemic) goiter

E01.1 Iodine-deficiency related multinodular (endemic) goiter

Iodine-deficiency related nodular goiter

E01.2 Iodine-deficiency related (endemic) goiter, unspecified

Endemic goiter NOS

E01.8 Other iodine-deficiency related thyroid disorders and allied conditions

Acquired iodine-deficiency hypothyroidism NOS

E02 Subclinical iodine-deficiency hypothyroidism

E03 Other hypothyroidism

Excludes1: iodine-deficiency related hypothyroidism (E00-E02)
postprocedural hypothyroidism (E89.0)

E03.0 Congenital hypothyroidism with diffuse goiter

Congenital parenchymatous goiter (nontoxic)
Congenital goiter (nontoxic) NOS

Excludes1: transitory congenital goiter with normal function (P72.0)

E03.1 Congenital hypothyroidism without goiter

Aplasia of thyroid (with myxedema)
Congenital atrophy of thyroid
Congenital hypothyroidism NOS

E03.2 Hypothyroidism due to medicaments and other exogenous substances

Code first poisoning due to drug or toxin, if applicable (T36-T65 with fifth or sixth character 1-4 or 6)

Use additional code for adverse effect, if applicable, to identify drug (T36-T50 with fifth or sixth character 5)

E03.3 Postinfectious hypothyroidism

E03.4 Atrophy of thyroid (acquired)

Excludes1: congenital atrophy of thyroid (E03.1)

E03.5 Myxedema coma

E03.8 Other specified hypothyroidism

E03.9 Hypothyroidism, unspecified

Myxedema NOS

E04 Other nontoxic goiter

Excludes1: congenital goiter (NOS) (diffuse) (parenchymatous) (E03.0)
iodine-deficiency related goiter (E00-E02)

E04.0 Nontoxic diffuse goiter

Diffuse (colloid) nontoxic goiter
Simple nontoxic goiter

E04.1 Nontoxic single thyroid nodule

Colloid nodule (cystic) (thyroid)
Nontoxic uninodular goiter
Thyroid (cystic) nodule NOS

E04.2 Nontoxic multinodular goiter

Cystic goiter NOS
Multinodular (cystic) goiter NOS

E04.8 Other specified nontoxic goiter

E04.9 Nontoxic goiter, unspecified

Goiter NOS
Nodular goiter (nontoxic) NOS

E05 Thyrotoxicosis [hyperthyroidism]

Excludes1: chronic thyroiditis with transient thyrotoxicosis (E06.2)
neonatal thyrotoxicosis (P72.1)

E05.0 Thyrotoxicosis with diffuse goiter

Exophthalmic or toxic goiter NOS
Graves' disease
Toxic diffuse goiter

E05.00 Thyrotoxicosis with diffuse goiter without thyrotoxic crisis or storm

E05.01 Thyrotoxicosis with diffuse goiter with thyrotoxic crisis or storm

E05.1 Thyrotoxicosis with toxic single thyroid nodule

Thyrotoxicosis with toxic uninodular goiter

E05.10 Thyrotoxicosis with toxic single thyroid nodule without thyrotoxic crisis or storm

E05.11 Thyrotoxicosis with toxic single thyroid nodule with thyrotoxic crisis or storm

E05.2 Thyrotoxicosis with toxic multinodular goiter

Toxic nodular goiter NOS

E05.20 Thyrotoxicosis with toxic multinodular goiter without thyrotoxic crisis or storm

E05.21 Thyrotoxicosis with toxic multinodular goiter with thyrotoxic crisis or storm

E05.3 Thyrotoxicosis from ectopic thyroid tissue

E05.30 Thyrotoxicosis from ectopic thyroid tissue without thyrotoxic crisis or storm

E05.31 Thyrotoxicosis from ectopic thyroid tissue with thyrotoxic crisis or storm

E05.4 Thyrotoxicosis factitia

E05.40 Thyrotoxicosis factitia without thyrotoxic crisis or storm

E05.41 Thyrotoxicosis factitia with thyrotoxic crisis or storm

E05.8 Other thyrotoxicosis

Overproduction of thyroid-stimulating hormone

E05.80 Other thyrotoxicosis without thyrotoxic crisis or storm

E05.81 Other thyrotoxicosis with thyrotoxic crisis or storm

E05.9 Thyrotoxicosis, unspecified

Hyperthyroidism NOS

E05.90 Thyrotoxicosis, unspecified without thyrotoxic crisis or storm

E05.91 Thyrotoxicosis, unspecified with thyrotoxic crisis or storm

E06 Thyroiditis

Excludes1: postpartum thyroiditis (O90.5)

E06.0 Acute thyroiditis

Abscess of thyroid
Pyogenic thyroiditis
Suppurative thyroiditis

Use additional code (B95-B97) to identify infectious agent.

E06.1 Subacute thyroiditis

- de Quervain thyroiditis
- Giant-cell thyroiditis
- Granulomatous thyroiditis
- Nonsuppurative thyroiditis
- Viral thyroiditis

Excludes1: autoimmune thyroiditis (E06.3)

E06.2 Chronic thyroiditis with transient thyrotoxicosis

Excludes1: autoimmune thyroiditis (E06.3)

E06.3 Autoimmune thyroiditis

- Hashimoto's thyroiditis
- Hashitoxicosis (transient)
- Lymphadenoid goiter
- Lymphocytic thyroiditis
- Struma lymphomatosa

E06.4 Drug-induced thyroiditis

Use additional code for adverse effect, if applicable, to identify drug (T36-T50 with fifth or sixth character 5)

E06.5 Other chronic thyroiditis

- Chronic fibrous thyroiditis
- Chronic thyroiditis NOS
- Ligneous thyroiditis
- Riedel thyroiditis

E06.9 Thyroiditis, unspecified

E07 Other disorders of thyroid

E07.0 Hypersecretion of calcitonin

- C-cell hyperplasia of thyroid
- Hypersecretion of thyrocalcitonin

E07.1 Dyshormogenetic goiter

- Familial dyshormogenetic goiter
- Pendred's syndrome

Excludes1: transitory congenital goiter with normal function (P72.0)

E07.8 Other specified disorders of thyroid

E07.81 Sick-euthyroid syndrome

- Euthyroid sick-syndrome

E07.89 Other specified disorders of thyroid

- Abnormality of thyroid-binding globulin
- Hemorrhage of thyroid
- Infarction of thyroid

E07.9 Disorder of thyroid, unspecified

Diabetes mellitus (E08-E13)

E08 Diabetes mellitus due to underlying condition

Code first the underlying condition, such as:
congenital rubella (P35.0)
Cushing's syndrome (E24.-)

cystic fibrosis (E84.-)
malignant neoplasm (C00-C96)
malnutrition (E40-E46)
pancreatitis and other diseases of the pancreas (K85-K86.-)

Use additional code to identify control using:

insulin (Z79.4)
oral antidiabetic drugs (Z79.84)
oral hypoglycemic drugs (Z79.84)

Excludes1: drug or chemical induced diabetes mellitus (E09.-)

gestational diabetes (O24.4-)
neonatal diabetes mellitus (P70.2)
postpancreatectomy diabetes mellitus (E13.-)
postprocedural diabetes mellitus (E13.-)
secondary diabetes mellitus NEC (E13.-)
type 1 diabetes mellitus (E10.-)
type 2 diabetes mellitus (E11.-)

E08.0 Diabetes mellitus due to underlying condition with hyperosmolarity

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

E08.1 Diabetes mellitus due to underlying condition with ketoacidosis

E08.10 Diabetes mellitus due to underlying condition with ketoacidosis without coma

E08.11 Diabetes mellitus due to underlying condition with ketoacidosis with coma

E08.2 Diabetes mellitus due to underlying condition with kidney complications

E08.21 Diabetes mellitus due to underlying condition with diabetic nephropathy

Diabetes mellitus due to underlying condition with intercapillary glomerulosclerosis
Diabetes mellitus due to underlying condition with intracapillary glomerulonephrosis
Diabetes mellitus due to underlying condition with Kimmelstiel-Wilson disease

E08.22 Diabetes mellitus due to underlying condition with diabetic chronic kidney disease

Use additional code to identify stage of chronic kidney disease (N18.1-N18.6)

E08.29 Diabetes mellitus due to underlying condition with other diabetic kidney complication

Renal tubular degeneration in diabetes mellitus due to underlying condition

E08.3 Diabetes mellitus due to underlying condition with ophthalmic complications

E08.31 Diabetes mellitus due to underlying condition with unspecified diabetic retinopathy

E08.311 Diabetes mellitus due to underlying condition with unspecified diabetic retinopathy with macular edema

E08.319 Diabetes mellitus due to underlying condition with unspecified diabetic retinopathy without macular edema

E08.32 Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy

Diabetes mellitus due to underlying condition with nonproliferative diabetic retinopathy NOS

One of the following 7th characters is to be assigned to codes in subcategory E08.32 to designate laterality of the disease:

1 - right eye
2 - left eye

- 3 - bilateral
- 9 - unspecified eye

E08.321 Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy with macular edema

E08.329 Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy without macular edema

E08.33 Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy

One of the following 7th characters is to be assigned to codes in subcategory E08.33 to designate laterality of the disease:

- 1 - right eye
- 2 - left eye
- 3 - bilateral
- 9 - unspecified eye

E08.331 Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy with macular edema

E08.339 Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy without macular edema

E08.34 Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy

One of the following 7th characters is to be assigned to codes in subcategory E08.34 to designate laterality of the disease:

- 1 - right eye
- 2 - left eye
- 3 - bilateral
- 9 - unspecified eye

E08.341 Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy with macular edema

E08.349 Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy without macular edema

E08.35 Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy

One of the following 7th characters is to be assigned to codes in subcategory E08.35 to designate laterality of the disease:

- 1 - right eye
- 2 - left eye
- 3 - bilateral
- 9 - unspecified eye

E08.351 Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with macular edema

E08.352 Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment involving the macula

E08.353 Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment not involving the macula

E08.354 Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment

E08.355 Diabetes mellitus due to underlying condition with stable proliferative diabetic

retinopathy

E08.359 Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy without macular edema

E08.36 Diabetes mellitus due to underlying condition with diabetic cataract

E08.37 Diabetes mellitus due to underlying condition with diabetic macular edema, resolved following treatment

One of the following 7th characters is to be assigned to code E08.37 to designate laterality of the disease:

- 1 - right eye
- 2 - left eye
- 3 - bilateral
- 9 - unspecified eye

E08.39 Diabetes mellitus due to underlying condition with other diabetic ophthalmic complication

Use additional code to identify manifestation, such as:
diabetic glaucoma (H40-H42)

E08.4 Diabetes mellitus due to underlying condition with neurological complications

E08.40 Diabetes mellitus due to underlying condition with diabetic neuropathy, unspecified

E08.41 Diabetes mellitus due to underlying condition with diabetic mononeuropathy

E08.42 Diabetes mellitus due to underlying condition with diabetic polyneuropathy

Diabetes mellitus due to underlying condition with diabetic neuralgia

E08.43 Diabetes mellitus due to underlying condition with diabetic autonomic (poly)neuropathy

Diabetes mellitus due to underlying condition with diabetic gastroparesis

E08.44 Diabetes mellitus due to underlying condition with diabetic amyotrophy

E08.49 Diabetes mellitus due to underlying condition with other diabetic neurological complication

E08.5 Diabetes mellitus due to underlying condition with circulatory complications

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

Diabetes mellitus due to underlying condition with diabetic gangrene

E08.59 Diabetes mellitus due to underlying condition with other circulatory complications

E08.6 Diabetes mellitus due to underlying condition with other specified complications

E08.61 Diabetes mellitus due to underlying condition with diabetic arthropathy

E08.610 Diabetes mellitus due to underlying condition with diabetic neuropathic arthropathy

Diabetes mellitus due to underlying condition with Charcôt's joints

E08.618 Diabetes mellitus due to underlying condition with other diabetic arthropathy

E08.62 Diabetes mellitus due to underlying condition with skin complications

E08.620 Diabetes mellitus due to underlying condition with diabetic dermatitis

Diabetes mellitus due to underlying condition with diabetic necrobiosis lipoidica

E08.621 Diabetes mellitus due to underlying condition with foot ulcer

Use additional code to identify site of ulcer (L97.4-, L97.5-)

E08.622 Diabetes mellitus due to underlying condition with other skin ulcer

Use additional code to identify site of ulcer (L97.1-L97.9, L98.41-L98.49)

E08.628 Diabetes mellitus due to underlying condition with other skin complications

E08.63 Diabetes mellitus due to underlying condition with oral complications

E08.630 Diabetes mellitus due to underlying condition with periodontal disease

E08.638 Diabetes mellitus due to underlying condition with other oral complications

E08.64 Diabetes mellitus due to underlying condition with hypoglycemia

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

Use additional code to identify complication

E08.8 Diabetes mellitus due to underlying condition with unspecified complications

E08.9 Diabetes mellitus due to underlying condition without complications

E09 Drug or chemical induced diabetes mellitus

Code first poisoning due to drug or toxin, if applicable (T36-T65 with fifth or sixth character 1-4 or 6)

Use additional code for adverse effect, if applicable, to identify drug (T36-T50 with fifth or sixth character 5)

Use additional code to identify control using:

insulin (Z79.4)

oral antidiabetic drugs (Z79.84)

oral hypoglycemic drugs (Z79.84)

Excludes1: diabetes mellitus due to underlying condition (E08.-)

gestational diabetes (O24.4-)

neonatal diabetes mellitus (P70.2)

postpancreatectomy diabetes mellitus (E13.-)

postprocedural diabetes mellitus (E13.-)

secondary diabetes mellitus NEC (E13.-)

type 1 diabetes mellitus (E10.-)

type 2 diabetes mellitus (E11.-)

E09.0 Drug or chemical induced diabetes mellitus with hyperosmolarity

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

E09.1 Drug or chemical induced diabetes mellitus with ketoacidosis

E09.10 Drug or chemical induced diabetes mellitus with ketoacidosis without coma

E09.11 Drug or chemical induced diabetes mellitus with ketoacidosis with coma

E09.2 Drug or chemical induced diabetes mellitus with kidney complications

E09.21 Drug or chemical induced diabetes mellitus with diabetic nephropathy

Drug or chemical induced diabetes mellitus with intercapillary glomerulosclerosis
Drug or chemical induced diabetes mellitus with intracapillary glomerulonephrosis
Drug or chemical induced diabetes mellitus with Kimmelstiel-Wilson disease

E09.22 Drug or chemical induced diabetes mellitus with diabetic chronic kidney disease

Use **additional** code to identify stage of chronic kidney disease (N18.1-N18.6)

E09.29 Drug or chemical induced diabetes mellitus with other diabetic kidney complication

Drug or chemical induced diabetes mellitus with renal tubular degeneration

E09.3 Drug or chemical induced diabetes mellitus with ophthalmic complications

E09.31 Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy

E09.311 Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy with macular edema

E09.319 Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy without macular edema

E09.32 Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy

Drug or chemical induced diabetes mellitus with nonproliferative diabetic retinopathy NOS

One of the following 7th characters is to be assigned to codes in subcategory E09.32 to designate laterality of the disease:

- 1 - right eye
- 2 - left eye
- 3 - bilateral
- 9 - unspecified eye

E09.321 Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema

E09.329 Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema

E09.33 Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy

One of the following 7th characters is to be assigned to codes in subcategory E09.33 to designate laterality of the disease:

- 1 - right eye
- 2 - left eye
- 3 - bilateral
- 9 - unspecified eye

E09.331 Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema

E09.339 Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema

E09.34 Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy

One of the following 7th characters is to be assigned to codes in subcategory E09.34 to designate laterality of the disease:

- 1 - right eye
- 2 - left eye
- 3 - bilateral
- 9 - unspecified eye

E09.341 Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic

retinopathy with macular edema

E09.349 Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema

E09.35 Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy

One of the following 7th characters is to be assigned to codes in subcategory E09.35 to designate laterality of the disease:

- 1 - right eye
- 2 - left eye
- 3 - bilateral
- 9 - unspecified eye

E09.351 Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with macular edema

E09.352 Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula

E09.353 Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula

E09.354 Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment

E09.355 Drug or chemical induced diabetes mellitus with stable proliferative diabetic retinopathy

E09.359 Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy without macular edema

E09.36 Drug or chemical induced diabetes mellitus with diabetic cataract

E09.37 Drug or chemical induced diabetes mellitus with diabetic macular edema, resolved following treatment

One of the following 7th characters is to be assigned to code E09.37 to designate laterality of the disease:

- 1 - right eye
- 2 - left eye
- 3 - bilateral
- 9 - unspecified eye

E09.39 Drug or chemical induced diabetes mellitus with other diabetic ophthalmic complication

Use additional code to identify manifestation, such as:
diabetic glaucoma (H40-H42)

E09.4 Drug or chemical induced diabetes mellitus with neurological complications

E09.40 Drug or chemical induced diabetes mellitus with neurological complications with diabetic neuropathy, unspecified

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

Drug or chemical induced diabetes mellitus with diabetic neuralgia

E09.43 Drug or chemical induced diabetes mellitus with neurological complications with diabetic autonomic (poly)neuropathy

Drug or chemical induced diabetes mellitus with diabetic gastroparesis

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

E09.5 Drug or chemical induced diabetes mellitus with circulatory complications

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
Drug or chemical induced diabetes mellitus with diabetic gangrene

E09.59 Drug or chemical induced diabetes mellitus with other circulatory complications

E09.6 Drug or chemical induced diabetes mellitus with other specified complications

E09.61 Drug or chemical induced diabetes mellitus with diabetic arthropathy

E09.610 Drug or chemical induced diabetes mellitus with diabetic neuropathic arthropathy
Drug or chemical induced diabetes mellitus with Charcôt's joints

E09.618 Drug or chemical induced diabetes mellitus with other diabetic arthropathy

E09.62 Drug or chemical induced diabetes mellitus with skin complications

E09.620 Drug or chemical induced diabetes mellitus with diabetic dermatitis
Drug or chemical induced diabetes mellitus with diabetic necrobiosis lipoidica

E09.621 Drug or chemical induced diabetes mellitus with foot ulcer

Use additional code to identify site of ulcer (L97.4-, L97.5-)

E09.622 Drug or chemical induced diabetes mellitus with other skin ulcer

Use additional code to identify site of ulcer (L97.1-L97.9, L98.41-L98.49)

E09.628 Drug or chemical induced diabetes mellitus with other skin complications

E09.63 Drug or chemical induced diabetes mellitus with oral complications

E09.630 Drug or chemical induced diabetes mellitus with periodontal disease

E09.638 Drug or chemical induced diabetes mellitus with other oral complications

E09.64 Drug or chemical induced diabetes mellitus with hypoglycemia

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

Use additional code to identify complication

E09.8 Drug or chemical induced diabetes mellitus with unspecified complications

E09.9 Drug or chemical induced diabetes mellitus without complications

E10 Type 1 diabetes mellitus

Includes: brittle diabetes (mellitus)

diabetes (mellitus) due to autoimmune process
diabetes (mellitus) due to immune mediated pancreatic islet beta-cell destruction
idiopathic diabetes (mellitus)
juvenile onset diabetes (mellitus)
ketosis-prone diabetes (mellitus)

Excludes1: diabetes mellitus due to underlying condition (E08.-)

drug or chemical induced diabetes mellitus (E09.-)
gestational diabetes (O24.4-)
hyperglycemia NOS (R73.9)
neonatal diabetes mellitus (P70.2)
postpancreatectomy diabetes mellitus (E13.-)
postprocedural diabetes mellitus (E13.-)
secondary diabetes mellitus NEC (E13.-)
type 2 diabetes mellitus (E11.-)

E10.1 Type 1 diabetes mellitus with ketoacidosis

E10.10 Type 1 diabetes mellitus with ketoacidosis without coma

E10.11 Type 1 diabetes mellitus with ketoacidosis with coma

E10.2 Type 1 diabetes mellitus with kidney complications

E10.21 Type 1 diabetes mellitus with diabetic nephropathy

Type 1 diabetes mellitus with intercapillary glomerulosclerosis
Type 1 diabetes mellitus with intracapillary glomerulonephrosis
Type 1 diabetes mellitus with Kimmelstiel-Wilson disease

E10.22 Type 1 diabetes mellitus with diabetic chronic kidney disease

Use additional code to identify stage of chronic kidney disease (N18.1-N18.6)

E10.29 Type 1 diabetes mellitus with other diabetic kidney complication

Type 1 diabetes mellitus with renal tubular degeneration

E10.3 Type 1 diabetes mellitus with ophthalmic complications

E10.31 Type 1 diabetes mellitus with unspecified diabetic retinopathy

E10.311 Type 1 diabetes mellitus with unspecified diabetic retinopathy with macular edema

E10.319 Type 1 diabetes mellitus with unspecified diabetic retinopathy without macular edema

E10.32 Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy

Type 1 diabetes mellitus with nonproliferative diabetic retinopathy NOS

One of the following 7th characters is to be assigned to codes in subcategory E10.32 to designate laterality of the disease:

- 1 - right eye
- 2 - left eye
- 3 - bilateral
- 9 - unspecified eye

E10.321 Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema

E10.329 Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema

E10.33 Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy

One of the following 7th characters is to be assigned to codes in subcategory E10.33 to designate laterality of the disease:

- 1 - right eye
- 2 - left eye
- 3 - bilateral
- 9 - unspecified eye

E10.331 Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema

E10.339 Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema

E10.34 Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy

One of the following 7th characters is to be assigned to codes in subcategory E10.34 to designate laterality of the disease:

- 1 - right eye
- 2 - left eye
- 3 - bilateral
- 9 - unspecified eye

E10.341 Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema

E10.349 Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema

E10.35 Type 1 diabetes mellitus with proliferative diabetic retinopathy

One of the following 7th characters is to be assigned to codes in subcategory E10.35 to designate laterality of the disease:

- 1 - right eye
- 2 - left eye
- 3 - bilateral
- 9 - unspecified eye

E10.351 Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema

E10.352 Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula

E10.353 Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula

E10.354 Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment

E10.355 Type 1 diabetes mellitus with stable proliferative diabetic retinopathy

E10.359 Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema

E10.36 Type 1 diabetes mellitus with diabetic cataract

E10.37 Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment

One of the following 7th characters is to be assigned to code E10.37 to designate laterality of the disease:

- 1 - right eye
- 2 - left eye
- 3 - bilateral

9 - unspecified eye

E10.39 Type 1 diabetes mellitus with other diabetic ophthalmic complication

Use additional code to identify manifestation, such as:
diabetic glaucoma (H40-H42)

E10.4 Type 1 diabetes mellitus with neurological complications

E10.40 Type 1 diabetes mellitus with diabetic neuropathy, unspecified

E10.41 Type 1 diabetes mellitus with diabetic mononeuropathy

E10.42 Type 1 diabetes mellitus with diabetic polyneuropathy

Type 1 diabetes mellitus with diabetic neuralgia

E10.43 Type 1 diabetes mellitus with diabetic autonomic (poly)neuropathy

Type 1 diabetes mellitus with diabetic gastroparesis

E10.44 Type 1 diabetes mellitus with diabetic amyotrophy

E10.49 Type 1 diabetes mellitus with other diabetic neurological complication

E10.5 Type 1 diabetes mellitus with circulatory complications

E10.51 Type 1 diabetes mellitus with diabetic peripheral angiopathy without gangrene

E10.52 Type 1 diabetes mellitus with diabetic peripheral angiopathy with gangrene

Type 1 diabetes mellitus with diabetic gangrene

E10.59 Type 1 diabetes mellitus with other circulatory complications

E10.6 Type 1 diabetes mellitus with other specified complications

E10.61 Type 1 diabetes mellitus with diabetic arthropathy

E10.610 Type 1 diabetes mellitus with diabetic neuropathic arthropathy

Type 1 diabetes mellitus with Charcôt's joints

E10.618 Type 1 diabetes mellitus with other diabetic arthropathy

E10.62 Type 1 diabetes mellitus with skin complications

E10.620 Type 1 diabetes mellitus with diabetic dermatitis

Type 1 diabetes mellitus with diabetic necrobiosis lipoidica

E10.621 Type 1 diabetes mellitus with foot ulcer

Use additional code to identify site of ulcer (L97.4-, L97.5-)

E10.622 Type 1 diabetes mellitus with other skin ulcer

Use additional code to identify site of ulcer (L97.1-L97.9, L98.41-L98.49)

E10.628 Type 1 diabetes mellitus with other skin complications

E10.63 Type 1 diabetes mellitus with oral complications

E10.630 Type 1 diabetes mellitus with periodontal disease

E10.638 Type 1 diabetes mellitus with other oral complications

E10.64 Type 1 diabetes mellitus with hypoglycemia

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

Use additional code to identify complication

E10.8 Type 1 diabetes mellitus with unspecified complications

E10.9 Type 1 diabetes mellitus without complications

E11 Type 2 diabetes mellitus

Includes: diabetes (mellitus) due to insulin secretory defect
diabetes NOS
insulin resistant diabetes (mellitus)

Use additional code to identify control using:
insulin (Z79.4)
oral antidiabetic drugs (Z79.84)
oral hypoglycemic drugs (Z79.84)

Excludes1: diabetes mellitus due to underlying condition (E08.-)
drug or chemical induced diabetes mellitus (E09.-)
gestational diabetes (O24.4-)
neonatal diabetes mellitus (P70.2)
postpancreatectomy diabetes mellitus (E13.-)
postprocedural diabetes mellitus (E13.-)
secondary diabetes mellitus NEC (E13.-)
type 1 diabetes mellitus (E10.-)

E11.0 Type 2 diabetes mellitus with hyperosmolarity

E11.00 Type 2 diabetes mellitus with hyperosmolarity without nonketotic hyperglycemic-hyperosmolar coma (NKHHC)

E11.01 Type 2 diabetes mellitus with hyperosmolarity with coma

E11.1 Type 2 diabetes mellitus with ketoacidosis

E11.10 Type 2 diabetes mellitus with ketoacidosis without coma

E11.11 Type 2 diabetes mellitus with ketoacidosis with coma

E11.2 Type 2 diabetes mellitus with kidney complications

E11.21 Type 2 diabetes mellitus with diabetic nephropathy
Type 2 diabetes mellitus with intercapillary glomerulosclerosis
Type 2 diabetes mellitus with intracapillary glomerulonephrosis
Type 2 diabetes mellitus with Kimmelstiel-Wilson disease

E11.22 Type 2 diabetes mellitus with diabetic chronic kidney disease

Use additional code to identify stage of chronic kidney disease (N18.1-N18.6)

E11.29 Type 2 diabetes mellitus with other diabetic kidney complication
Type 2 diabetes mellitus with renal tubular degeneration

E11.3 Type 2 diabetes mellitus with ophthalmic complications

E11.31 Type 2 diabetes mellitus with unspecified diabetic retinopathy

E11.311 Type 2 diabetes mellitus with unspecified diabetic retinopathy with macular edema

E11.319 Type 2 diabetes mellitus with unspecified diabetic retinopathy without macular edema

E11.32 Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy

Type 2 diabetes mellitus with nonproliferative diabetic retinopathy NOS

One of the following 7th characters is to be assigned to codes in subcategory E11.32 to designate laterality of the disease:

- 1 - right eye
- 2 - left eye
- 3 - bilateral
- 9 - unspecified eye

E11.321 Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema

E11.329 Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema

E11.33 Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy

One of the following 7th characters is to be assigned to codes in subcategory E11.33 to designate laterality of the disease:

- 1 - right eye
- 2 - left eye
- 3 - bilateral
- 9 - unspecified eye

E11.331 Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema

E11.339 Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema

E11.34 Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy

One of the following 7th characters is to be assigned to codes in subcategory E11.34 to designate laterality of the disease:

- 1 - right eye
- 2 - left eye
- 3 - bilateral
- 9 - unspecified eye

E11.341 Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema

E11.349 Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema

E11.35 Type 2 diabetes mellitus with proliferative diabetic retinopathy

One of the following 7th characters is to be assigned to codes in subcategory E11.35 to designate laterality of the disease:

- 1 - right eye
- 2 - left eye
- 3 - bilateral
- 9 - unspecified eye

E11.351 Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema

E11.352 Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula

E11.353 Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula

E11.354 Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment

E11.355 Type 2 diabetes mellitus with stable proliferative diabetic retinopathy

E11.359 Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema

E11.36 Type 2 diabetes mellitus with diabetic cataract

E11.37 Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment

One of the following 7th characters is to be assigned to code E11.37 to designate laterality of the disease:

- 1 - right eye
- 2 - left eye
- 3 - bilateral
- 9 - unspecified eye

E11.39 Type 2 diabetes mellitus with other diabetic ophthalmic complication

Use **additional** code to identify manifestation, such as:
diabetic glaucoma (H40-H42)

E11.4 Type 2 diabetes mellitus with neurological complications

E11.40 Type 2 diabetes mellitus with diabetic neuropathy, unspecified

E11.41 Type 2 diabetes mellitus with diabetic mononeuropathy

E11.42 Type 2 diabetes mellitus with diabetic polyneuropathy
Type 2 diabetes mellitus with diabetic neuralgia

E11.43 Type 2 diabetes mellitus with diabetic autonomic (poly)neuropathy
Type 2 diabetes mellitus with diabetic gastroparesis

E11.44 Type 2 diabetes mellitus with diabetic amyotrophy

E11.49 Type 2 diabetes mellitus with other diabetic neurological complication

E11.5 Type 2 diabetes mellitus with circulatory complications

E11.51 Type 2 diabetes mellitus with diabetic peripheral angiopathy without gangrene

E11.52 Type 2 diabetes mellitus with diabetic peripheral angiopathy with gangrene
Type 2 diabetes mellitus with diabetic gangrene

E11.59 Type 2 diabetes mellitus with other circulatory complications

E11.6 Type 2 diabetes mellitus with other specified complications

E11.61 Type 2 diabetes mellitus with diabetic arthropathy

E11.610 Type 2 diabetes mellitus with diabetic neuropathic arthropathy
Type 2 diabetes mellitus with Charcôt's joints

E11.618 Type 2 diabetes mellitus with other diabetic arthropathy

E11.62 Type 2 diabetes mellitus with skin complications

E11.620 Type 2 diabetes mellitus with diabetic dermatitis

Type 2 diabetes mellitus with diabetic necrobiosis lipoidica

E11.621 Type 2 diabetes mellitus with foot ulcer

Use additional code to identify site of ulcer (L97.4-, L97.5-)

E11.622 Type 2 diabetes mellitus with other skin ulcer

Use additional code to identify site of ulcer (L97.1-L97.9, L98.41-L98.49)

E11.628 Type 2 diabetes mellitus with other skin complications

E11.63 Type 2 diabetes mellitus with oral complications

E11.630 Type 2 diabetes mellitus with periodontal disease

E11.638 Type 2 diabetes mellitus with other oral complications

E11.64 Type 2 diabetes mellitus with hypoglycemia

E11.641 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

Use additional code to identify complication

E11.8 Type 2 diabetes mellitus with unspecified complications

E11.9 Type 2 diabetes mellitus without complications

E13 Other specified diabetes mellitus

Includes: diabetes mellitus due to genetic defects of beta-cell function

diabetes mellitus due to genetic defects in insulin action

postpancreatectomy diabetes mellitus

postprocedural diabetes mellitus

secondary diabetes mellitus NEC

Use additional code to identify control using:

insulin (Z79.4)

oral antidiabetic drugs (Z79.84)

oral hypoglycemic drugs (Z79.84)

Excludes1: diabetes (mellitus) due to autoimmune process (E10.-)

diabetes (mellitus) due to immune mediated pancreatic islet beta-cell destruction (E10.-)

diabetes mellitus due to underlying condition (E08.-)

drug or chemical induced diabetes mellitus (E09.-)

gestational diabetes (O24.4-)

neonatal diabetes mellitus (P70.2)

type 1 diabetes mellitus (E10.-)

E13.0 Other specified diabetes mellitus with hyperosmolarity

E13.00 Other specified diabetes mellitus with hyperosmolarity without nonketotic hyperglycemic-hyperosmolar coma (NKHHC)

Excludes2: type 2 diabetes mellitus (E11.-)

E13.01 Other specified diabetes mellitus with hyperosmolarity with coma

E13.1 Other specified diabetes mellitus with ketoacidosis

E13.10 Other specified diabetes mellitus with ketoacidosis without coma

E13.11 Other specified diabetes mellitus with ketoacidosis with coma

E13.2 Other specified diabetes mellitus with kidney complications

E13.21 Other specified diabetes mellitus with diabetic nephropathy

Other specified diabetes mellitus with intercapillary glomerulosclerosis
Other specified diabetes mellitus with intracapillary glomerulonephrosis
Other specified diabetes mellitus with Kimmelstiel-Wilson disease

E13.22 Other specified diabetes mellitus with diabetic chronic kidney disease

Use additional code to identify stage of chronic kidney disease (N18.1-N18.6)

E13.29 Other specified diabetes mellitus with other diabetic kidney complication

Other specified diabetes mellitus with renal tubular degeneration

E13.3 Other specified diabetes mellitus with ophthalmic complications

E13.31 Other specified diabetes mellitus with unspecified diabetic retinopathy

E13.311 Other specified diabetes mellitus with unspecified diabetic retinopathy with macular edema

E13.319 Other specified diabetes mellitus with unspecified diabetic retinopathy without macular edema

E13.32 Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy

Other specified diabetes mellitus with nonproliferative diabetic retinopathy NOS

One of the following 7th characters is to be assigned to codes in subcategory E13.32 to designate laterality of the disease:

- 1 - right eye
- 2 - left eye
- 3 - bilateral
- 9 - unspecified eye

E13.321 Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema

E13.329 Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema

E13.33 Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy

One of the following 7th characters is to be assigned to codes in subcategory E13.33 to designate laterality of the disease:

- 1 - right eye
- 2 - left eye
- 3 - bilateral
- 9 - unspecified eye

E13.331 Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema

E13.339 Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema

E13.34 Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy

One of the following 7th characters is to be assigned to codes in subcategory E13.34 to designate laterality of the disease:

- 1 - right eye
- 2 - left eye
- 3 - bilateral
- 9 - unspecified eye

E13.341 Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema

E13.349 Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema

E13.35 Other specified diabetes mellitus with proliferative diabetic retinopathy

One of the following 7th characters is to be assigned to codes in subcategory E13.35 to designate laterality of the disease:

- 1 - right eye
- 2 - left eye
- 3 - bilateral
- 9 - unspecified eye

E13.351 Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema

E13.352 Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula

E13.353 Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula

E13.354 Other specified diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment

E13.355 Other specified diabetes mellitus with stable proliferative diabetic retinopathy

E13.359 Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema

E13.36 Other specified diabetes mellitus with diabetic cataract

E13.37 Other specified diabetes mellitus with diabetic macular edema, resolved following treatment

One of the following 7th characters is to be assigned to code E13.37 to designate laterality of the disease:

- 1 - right eye
- 2 - left eye
- 3 - bilateral
- 9 - unspecified eye

E13.39 Other specified diabetes mellitus with other diabetic ophthalmic complication

Use additional code to identify manifestation, such as:
diabetic glaucoma (H40-H42)

E13.4 Other specified diabetes mellitus with neurological complications

E13.40 Other specified diabetes mellitus with diabetic neuropathy, unspecified

E13.41 Other specified diabetes mellitus with diabetic mononeuropathy

E13.42 Other specified diabetes mellitus with diabetic polyneuropathy

Other specified diabetes mellitus with diabetic neuralgia

E13.43 Other specified diabetes mellitus with diabetic autonomic (poly)neuropathy

Other specified diabetes mellitus with diabetic gastroparesis

E13.44 Other specified diabetes mellitus with diabetic amyotrophy

E13.49 Other specified diabetes mellitus with other diabetic neurological complication

E13.5 Other specified diabetes mellitus with circulatory complications

E13.51 Other specified diabetes mellitus with diabetic peripheral angiopathy without gangrene

E13.52 Other specified diabetes mellitus with diabetic peripheral angiopathy with gangrene

Other specified diabetes mellitus with diabetic gangrene

E13.59 Other specified diabetes mellitus with other circulatory complications

E13.6 Other specified diabetes mellitus with other specified complications

E13.61 Other specified diabetes mellitus with diabetic arthropathy

E13.610 Other specified diabetes mellitus with diabetic neuropathic arthropathy

Other specified diabetes mellitus with Charcôt's joints

E13.618 Other specified diabetes mellitus with other diabetic arthropathy

E13.62 Other specified diabetes mellitus with skin complications

E13.620 Other specified diabetes mellitus with diabetic dermatitis

Other specified diabetes mellitus with diabetic necrobiosis lipoidica

E13.621 Other specified diabetes mellitus with foot ulcer

Use additional code to identify site of ulcer (L97.4-, L97.5-)

E13.622 Other specified diabetes mellitus with other skin ulcer

Use additional code to identify site of ulcer (L97.1-L97.9, L98.41-L98.49)

E13.628 Other specified diabetes mellitus with other skin complications

E13.63 Other specified diabetes mellitus with oral complications

E13.630 Other specified diabetes mellitus with periodontal disease

E13.638 Other specified diabetes mellitus with other oral complications

E13.64 Other specified diabetes mellitus with hypoglycemia

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

Use additional code to identify complication

E13.8 Other specified diabetes mellitus with unspecified complications

E13.9 Other specified diabetes mellitus without complications

Other disorders of glucose regulation and pancreatic internal secretion (E15-E16)

E15 Nondiabetic hypoglycemic coma

Includes: drug-induced insulin coma in nondiabetic
hyperinsulinism with hypoglycemic coma
hypoglycemic coma NOS

E16 Other disorders of pancreatic internal secretion

E16.0 Drug-induced hypoglycemia without coma

Excludes1: diabetes with hypoglycemia without coma (E09.649)

Use additional code for adverse effect, if applicable, to identify drug (T36-T50 with fifth or sixth character 5)

E16.1 Other hypoglycemia

Functional hyperinsulinism
Functional nonhyperinsulinemic hypoglycemia
Hyperinsulinism NOS
Hyperplasia of pancreatic islet beta cells NOS

Excludes1: diabetes with hypoglycemia (E08.649, E10.649, E11.649, E13.649)
hypoglycemia in infant of diabetic mother (P70.1)
neonatal hypoglycemia (P70.4)

E16.2 Hypoglycemia, unspecified

Excludes1: diabetes with hypoglycemia (E08.649, E10.649, E11.649, E13.649)

E16.3 Increased secretion of glucagon

Hyperplasia of pancreatic endocrine cells with glucagon excess

E16.4 Increased secretion of gastrin

Hypergastrinemia
Hyperplasia of pancreatic endocrine cells with gastrin excess
Zollinger-Ellison syndrome

E16.8 Other specified disorders of pancreatic internal secretion

Increased secretion from endocrine pancreas of growth hormone-releasing hormone
Increased secretion from endocrine pancreas of pancreatic polypeptide
Increased secretion from endocrine pancreas of somatostatin
Increased secretion from endocrine pancreas of vasoactive-intestinal polypeptide

E16.9 Disorder of pancreatic internal secretion, unspecified

Islet-cell hyperplasia NOS
Pancreatic endocrine cell hyperplasia NOS

Disorders of other endocrine glands (E20-E35)

Excludes1: galactorrhea (N64.3)
gynecomastia (N62)

E20 Hypoparathyroidism

Excludes1: Di George's syndrome (D82.1)
postprocedural hypoparathyroidism (E89.2)
tetany NOS (R29.0)
transitory neonatal hypoparathyroidism (P71.4)

E20.0 Idiopathic hypoparathyroidism

E20.1 Pseudohypoparathyroidism

E20.8 Other hypoparathyroidism

E20.9 Hypoparathyroidism, unspecified

Parathyroid tetany

E21 Hyperparathyroidism and other disorders of parathyroid gland

Excludes1: adult osteomalacia (M83.-)
ectopic hyperparathyroidism (E34.2)
familial hypocalciuric hypercalcemia (E83.52)
hungry bone syndrome (E83.81)
infantile and juvenile osteomalacia (E55.0)

E21.0 Primary hyperparathyroidism

Hyperplasia of parathyroid

Osteitis fibrosa cystica generalisata [von Recklinghausen's disease of bone]

E21.1 Secondary hyperparathyroidism, not elsewhere classified

Excludes1: secondary hyperparathyroidism of renal origin (N25.81)

E21.2 Other hyperparathyroidism

Tertiary hyperparathyroidism

Excludes1: familial hypocalciuric hypercalcemia (E83.52)

E21.3 Hyperparathyroidism, unspecified

E21.4 Other specified disorders of parathyroid gland

E21.5 Disorder of parathyroid gland, unspecified

E22 Hyperfunction of pituitary gland

Excludes1: Cushing's syndrome (E24.-)
Nelson's syndrome (E24.1)
overproduction of ACTH not associated with Cushing's disease (E27.0)
overproduction of pituitary ACTH (E24.0)
overproduction of thyroid-stimulating hormone (E05.8-)

E22.0 Acromegaly and pituitary gigantism

Overproduction of growth hormone

Excludes1: constitutional gigantism (E34.4)
constitutional tall stature (E34.4)
increased secretion from endocrine pancreas of growth hormone-releasing hormone (E16.8)

E22.1 Hyperprolactinemia

Use additional code for adverse effect, if applicable, to identify drug (T36-T50 with fifth or sixth character 5)

E22.2 Syndrome of inappropriate secretion of antidiuretic hormone

E22.8 Other hyperfunction of pituitary gland

Central precocious puberty

E22.9 Hyperfunction of pituitary gland, unspecified

E23 Hypofunction and other disorders of the pituitary gland

Includes: the listed conditions whether the disorder is in the pituitary or the hypothalamus

Excludes1: postprocedural hypopituitarism (E89.3)

E23.0 Hypopituitarism

Fertile eunuch syndrome
Hypogonadotropic hypogonadism
Idiopathic growth hormone deficiency
Isolated deficiency of gonadotropin
Isolated deficiency of growth hormone
Isolated deficiency of pituitary hormone
Kallmann's syndrome
Lorain-Levi short stature
Necrosis of pituitary gland (postpartum)
Panhypopituitarism
Pituitary cachexia
Pituitary insufficiency NOS
Pituitary short stature
Sheehan's syndrome
Simmonds' disease

E23.1 Drug-induced hypopituitarism

Use additional code for adverse effect, if applicable, to identify drug (T36-T50 with fifth or sixth character 5)

E23.2 Diabetes insipidus

Excludes1: nephrogenic diabetes insipidus (N25.1)

E23.3 Hypothalamic dysfunction, not elsewhere classified

Excludes1: Prader-Willi syndrome (Q87.1)
Russell-Silver syndrome (Q87.1)

E23.6 Other disorders of pituitary gland

Abscess of pituitary
Adiposogenital dystrophy

E23.7 Disorder of pituitary gland, unspecified

E24 Cushing's syndrome

Excludes1: congenital adrenal hyperplasia (E25.0)

E24.0 Pituitary-dependent Cushing's disease

Overproduction of pituitary ACTH
Pituitary-dependent hypercorticalism

E24.1 Nelson's syndrome

E24.2 Drug-induced Cushing's syndrome

Use additional code for adverse effect, if applicable, to identify drug (T36-T50 with fifth or sixth character 5)

E24.3 Ectopic ACTH syndrome

E24.4 Alcohol-induced pseudo-Cushing's syndrome

E24.8 Other Cushing's syndrome

E24.9 Cushing's syndrome, unspecified

E25 Adrenogenital disorders

Includes: adrenogenital syndromes, virilizing or feminizing, whether acquired or due to adrenal hyperplasia consequent on inborn enzyme defects in hormone synthesis
Female adrenal pseudohermaphroditism
Female heterosexual precocious pseudopuberty

Male isosexual precocious pseudopuberty
Male macrogenitosomia praecox
Male sexual precocity with adrenal hyperplasia
Male virilization (female)

Excludes1: indeterminate sex and pseudohermaphroditism (Q56)
chromosomal abnormalities (Q90-Q99)

E25.0 Congenital adrenogenital disorders associated with enzyme deficiency

Congenital adrenal hyperplasia
21-Hydroxylase deficiency
Salt-losing congenital adrenal hyperplasia

E25.8 Other adrenogenital disorders

Idiopathic adrenogenital disorder

Use additional code for adverse effect, if applicable, to identify drug (T36-T50 with fifth or sixth character 5)

E25.9 Adrenogenital disorder, unspecified

Adrenogenital syndrome NOS

E26 Hyperaldosteronism

E26.0 Primary hyperaldosteronism

E26.01 Conn's syndrome

Code also adrenal adenoma (D35.0-)

E26.02 Glucocorticoid-remediable aldosteronism

Familial aldosteronism type I

E26.09 Other primary hyperaldosteronism

Primary aldosteronism due to adrenal hyperplasia (bilateral)

E26.1 Secondary hyperaldosteronism

E26.8 Other hyperaldosteronism

E26.81 Bartter's syndrome

E26.89 Other hyperaldosteronism

E26.9 Hyperaldosteronism, unspecified

Aldosteronism NOS
Hyperaldosteronism NOS

E27 Other disorders of adrenal gland

E27.0 Other adrenocortical overactivity

Overproduction of ACTH, not associated with Cushing's disease
Premature adrenarche

Excludes1: Cushing's syndrome (E24.-)

E27.1 Primary adrenocortical insufficiency

Addison's disease
Autoimmune adrenalitis

Excludes1: Addison only phenotype adrenoleukodystrophy (E71.528)
amyloidosis (E85.-)
tuberculous Addison's disease (A18.7)
Waterhouse-Friderichsen syndrome (A39.1)

E27.2 Addisonian crisis

Adrenal crisis
Adrenocortical crisis

E27.3 Drug-induced adrenocortical insufficiency

Use additional code for adverse effect, if applicable, to identify drug (T36-T50 with fifth or sixth character 5)

E27.4 Other and unspecified adrenocortical insufficiency

Excludes1: adrenoleukodystrophy [Addison-Schilder] (E71.528)
Waterhouse-Friderichsen syndrome (A39.1)

E27.40 Unspecified adrenocortical insufficiency

Adrenocortical insufficiency NOS
Hypoaldosteronism

E27.49 Other adrenocortical insufficiency

Adrenal hemorrhage
Adrenal infarction

E27.5 Adrenomedullary hyperfunction

Adrenomedullary hyperplasia
Catecholamine hypersecretion

E27.8 Other specified disorders of adrenal gland

Abnormality of cortisol-binding globulin

E27.9 Disorder of adrenal gland, unspecified**E28 Ovarian dysfunction**

Excludes1: isolated gonadotropin deficiency (E23.0)
postprocedural ovarian failure (E89.4-)

E28.0 Estrogen excess

Use additional code for adverse effect, if applicable, to identify drug (T36-T50 with fifth or sixth character 5)

E28.1 Androgen excess

Hypersecretion of ovarian androgens

Use additional code for adverse effect, if applicable, to identify drug (T36-T50 with fifth or sixth character 5)

E28.2 Polycystic ovarian syndrome

Sclerocystic ovary syndrome
Stein-Leventhal syndrome

E28.3 Primary ovarian failure

Excludes1: pure gonadal dysgenesis (Q99.1)
Turner's syndrome (Q96.-)

E28.31 Premature menopause**E28.310 Symptomatic premature menopause**

Symptoms such as flushing, sleeplessness, headache, lack of concentration, associated with premature menopause

E28.319 Asymptomatic premature menopause

Premature menopause NOS

E28.39 Other primary ovarian failure

Decreased estrogen
Resistant ovary syndrome

E28.8 Other ovarian dysfunction

Ovarian hyperfunction NOS

Excludes1: postprocedural ovarian failure (E89.4-)

E28.9 Ovarian dysfunction, unspecified

E29 Testicular dysfunction

Excludes1: androgen insensitivity syndrome (E34.5-)
azoospermia or oligospermia NOS (N46.0-N46.1)
isolated gonadotropin deficiency (E23.0)
Klinefelter's syndrome (Q98.0-Q98.1, Q98.4)

E29.0 Testicular hyperfunction

Hypersecretion of testicular hormones

E29.1 Testicular hypofunction

Defective biosynthesis of testicular androgen NOS
5-delta-Reductase deficiency (with male pseudohermaphroditism)
Testicular hypogonadism NOS

Use additional code for adverse effect, if applicable, to identify drug (T36-T50 with fifth or sixth character 5)

Excludes1: postprocedural testicular hypofunction (E89.5)

E29.8 Other testicular dysfunction

E29.9 Testicular dysfunction, unspecified

E30 Disorders of puberty, not elsewhere classified

E30.0 Delayed puberty

Constitutional delay of puberty
Delayed sexual development

E30.1 Precocious puberty

Precocious menstruation

Excludes1: Albright (-McCune) (-Sternberg) syndrome (Q78.1)
central precocious puberty (E22.8)
congenital adrenal hyperplasia (E25.0)
female heterosexual precocious pseudopuberty (E25.-)
male isosexual precocious pseudopuberty (E25.-)

E30.8 Other disorders of puberty

Premature thelarche

E30.9 Disorder of puberty, unspecified

E31 Polyglandular dysfunction

Excludes1: ataxia telangiectasia [Louis-Bar] (G11.3)
dystrophia myotonica [Steinert] (G71.11)
pseudohypoparathyroidism (E20.1)

E31.0 Autoimmune polyglandular failure

Schmidt's syndrome

E31.1 Polyglandular hyperfunction

Excludes1: multiple endocrine adenomatosis (E31.2-)
multiple endocrine neoplasia (E31.2-)

E31.2 Multiple endocrine neoplasia [MEN] syndromes

Multiple endocrine adenomatosis

Code also any associated malignancies and other conditions associated with the syndromes

E31.20 Multiple endocrine neoplasia [MEN] syndrome, unspecified

Multiple endocrine adenomatosis NOS

Multiple endocrine neoplasia [MEN] syndrome NOS

E31.21 Multiple endocrine neoplasia [MEN] type I

Wermer's syndrome

E31.22 Multiple endocrine neoplasia [MEN] type IIA

Sipple's syndrome

E31.23 Multiple endocrine neoplasia [MEN] type IIB

E31.8 Other polyglandular dysfunction

E31.9 Polyglandular dysfunction, unspecified

E32 Diseases of thymus

Excludes1: aplasia or hypoplasia of thymus with immunodeficiency (D82.1)
myasthenia gravis (G70.0)

E32.0 Persistent hyperplasia of thymus

Hypertrophy of thymus

E32.1 Abscess of thymus

E32.8 Other diseases of thymus

Excludes1: aplasia or hypoplasia with immunodeficiency (D82.1)
thymoma (D15.0)

E32.9 Disease of thymus, unspecified

E34 Other endocrine disorders

Excludes1: pseudohypoparathyroidism (E20.1)

E34.0 Carcinoid syndrome

Note: May be used as an additional code to identify functional activity associated with a carcinoid tumor.

E34.1 Other hypersecretion of intestinal hormones

E34.2 Ectopic hormone secretion, not elsewhere classified

Excludes1: ectopic ACTH syndrome (E24.3)

E34.3 Short stature due to endocrine disorder

Constitutional short stature

Laron-type short stature

Excludes1: achondroplastic short stature (Q77.4)
hypochondroplastic short stature (Q77.4)
nutritional short stature (E45)
pituitary short stature (E23.0)
progeria (E34.8)

renal short stature (N25.0)
Russell-Silver syndrome (Q87.1)
short-limbed stature with immunodeficiency (D82.2)
short stature in specific dysmorphic syndromes - code to syndrome - see Alphabetical Index
short stature NOS (R62.52)

E34.4 Constitutional tall stature

Constitutional gigantism

E34.5 Androgen insensitivity syndrome

E34.50 Androgen insensitivity syndrome, unspecified

Androgen insensitivity NOS

E34.51 Complete androgen insensitivity syndrome

Complete androgen insensitivity

de Quervain syndrome

Goldberg-Maxwell syndrome

E34.52 Partial androgen insensitivity syndrome

Partial androgen insensitivity

Reifenstein syndrome

E34.8 Other specified endocrine disorders

Pineal gland dysfunction

Progeria

Excludes2: pseudohypoparathyroidism (E20.1)

E34.9 Endocrine disorder, unspecified

Endocrine disturbance NOS

Hormone disturbance NOS

E35 Disorders of endocrine glands in diseases classified elsewhere

Code first underlying disease, such as:

late congenital syphilis of thymus gland [Dubois disease] (A50.5)

Use additional code , if applicable, to identify:

sequelae of tuberculosis of other organs (B90.8)

Excludes1: Echinococcus granulosus infection of thyroid gland (B67.3)

meningococcal hemorrhagic adrenalitis (A39.1)

syphilis of endocrine gland (A52.79)

tuberculosis of adrenal gland, except calcification (A18.7)

tuberculosis of endocrine gland NEC (A18.82)

tuberculosis of thyroid gland (A18.81)

Waterhouse-Friderichsen syndrome (A39.1)

Intraoperative complications of endocrine system (E36)

E36 Intraoperative complications of endocrine system

Excludes2: postprocedural endocrine and metabolic complications and disorders, not elsewhere classified (E89.-)

E36.0 Intraoperative hemorrhage and hematoma of an endocrine system organ or structure complicating a procedure

Excludes1: intraoperative hemorrhage and hematoma of an endocrine system organ or structure due to accidental puncture or laceration during a procedure (E36.1-)

E36.01 Intraoperative hemorrhage and hematoma of an endocrine system organ or structure

complicating an endocrine system procedure

E36.02 Intraoperative hemorrhage and hematoma of an endocrine system organ or structure complicating other procedure

E36.1 Accidental puncture and laceration of an endocrine system organ or structure during a procedure

E36.11 Accidental puncture and laceration of an endocrine system organ or structure during an endocrine system procedure

E36.12 Accidental puncture and laceration of an endocrine system organ or structure during other procedure

E36.8 Other intraoperative complications of endocrine system

Use additional code, if applicable, to further specify disorder

Malnutrition (E40-E46)

Excludes1: intestinal malabsorption (K90.-)
sequelae of protein-calorie malnutrition (E64.0)

Excludes2: nutritional anemias (D50-D53)
starvation (T73.0)

E40 Kwashiorkor

Severe malnutrition with nutritional edema with dyspigmentation of skin and hair

Excludes1: marasmic kwashiorkor (E42)

E41 Nutritional marasmus

Severe malnutrition with marasmus

Excludes1: marasmic kwashiorkor (E42)

E42 Marasmic kwashiorkor

Intermediate form severe protein-calorie malnutrition

Severe protein-calorie malnutrition with signs of both kwashiorkor and marasmus

E43 Unspecified severe protein-calorie malnutrition

Starvation edema

E44 Protein-calorie malnutrition of moderate and mild degree

E44.0 Moderate protein-calorie malnutrition

E44.1 Mild protein-calorie malnutrition

E45 Retarded development following protein-calorie malnutrition

Nutritional short stature

Nutritional stunting

Physical retardation due to malnutrition

E46 Unspecified protein-calorie malnutrition

Malnutrition NOS

Protein-calorie imbalance NOS

Excludes1: nutritional deficiency NOS (E63.9)

Other nutritional deficiencies (E50-E64)

Excludes2: nutritional anemias (D50-D53)

E50 Vitamin A deficiency

Excludes1: sequelae of vitamin A deficiency (E64.1)

E50.0 Vitamin A deficiency with conjunctival xerosis

E50.1 Vitamin A deficiency with Bitot's spot and conjunctival xerosis
Bitot's spot in the young child

E50.2 Vitamin A deficiency with corneal xerosis

E50.3 Vitamin A deficiency with corneal ulceration and xerosis

E50.4 Vitamin A deficiency with keratomalacia

E50.5 Vitamin A deficiency with night blindness

E50.6 Vitamin A deficiency with xerophthalmic scars of cornea

E50.7 Other ocular manifestations of vitamin A deficiency
Xerophthalmia NOS

E50.8 Other manifestations of vitamin A deficiency
Follicular keratosis
Xeroderma

E50.9 Vitamin A deficiency, unspecified
Hypovitaminosis A NOS

E51 Thiamine deficiency

Excludes1: sequelae of thiamine deficiency (E64.8)

E51.1 Beriberi

E51.11 Dry beriberi
Beriberi NOS
Beriberi with polyneuropathy

E51.12 Wet beriberi
Beriberi with cardiovascular manifestations
Cardiovascular beriberi
Shoshin disease

E51.2 Wernicke's encephalopathy

E51.8 Other manifestations of thiamine deficiency

E51.9 Thiamine deficiency, unspecified

E52 Niacin deficiency [pellagra]

Niacin (-tryptophan) deficiency
Nicotinamide deficiency
Pellagra (alcoholic)

Excludes1: sequelae of niacin deficiency (E64.8)

E53 Deficiency of other B group vitamins

Excludes1: sequelae of vitamin B deficiency (E64.8)

E53.0 Riboflavin deficiency
Ariboflavinosis
Vitamin B2 deficiency

E53.1 Pyridoxine deficiency

Vitamin B6 deficiency

Excludes1: pyridoxine-responsive sideroblastic anemia (D64.3)

E53.8 Deficiency of other specified B group vitamins

Biotin deficiency

Cyanocobalamin deficiency

Folate deficiency

Folic acid deficiency

Pantothenic acid deficiency

Vitamin B12 deficiency

Excludes1: folate deficiency anemia (D52.-)
vitamin B12 deficiency anemia (D51.-)

E53.9 Vitamin B deficiency, unspecified**E54 Ascorbic acid deficiency**

Deficiency of vitamin C

Scurvy

Excludes1: scorbutic anemia (D53.2)
sequelae of vitamin C deficiency (E64.2)

E55 Vitamin D deficiency

Excludes1: adult osteomalacia (M83.-)
osteoporosis (M80.-)
sequelae of rickets (E64.3)

E55.0 Rickets, active

Infantile osteomalacia

Juvenile osteomalacia

Excludes1: celiac rickets (K90.0)
Crohn's rickets (K50.-)
hereditary vitamin D-dependent rickets (E83.32)
inactive rickets (E64.3)
renal rickets (N25.0)
sequelae of rickets (E64.3)
vitamin D-resistant rickets (E83.31)

E55.9 Vitamin D deficiency, unspecified

Avitaminosis D

E56 Other vitamin deficiencies

Excludes1: sequelae of other vitamin deficiencies (E64.8)

E56.0 Deficiency of vitamin E**E56.1 Deficiency of vitamin K**

Excludes1: deficiency of coagulation factor due to vitamin K deficiency (D68.4)
vitamin K deficiency of newborn (P53)

E56.8 Deficiency of other vitamins**E56.9 Vitamin deficiency, unspecified****E58 Dietary calcium deficiency**

Excludes1: disorders of calcium metabolism (E83.5-)
sequelae of calcium deficiency (E64.8)

E59 Dietary selenium deficiency

Keshan disease

Excludes1: sequelae of selenium deficiency (E64.8)

E60 Dietary zinc deficiency

E61 Deficiency of other nutrient elements

Use additional code for adverse effect, if applicable, to identify drug (T36-T50 with fifth or sixth character 5)

Excludes1: disorders of mineral metabolism (E83.-)
iodine deficiency related thyroid disorders (E00-E02)
sequelae of malnutrition and other nutritional deficiencies (E64.-)

E61.0 Copper deficiency

E61.1 Iron deficiency

Excludes1: iron deficiency anemia (D50.-)

E61.2 Magnesium deficiency

E61.3 Manganese deficiency

E61.4 Chromium deficiency

E61.5 Molybdenum deficiency

E61.6 Vanadium deficiency

E61.7 Deficiency of multiple nutrient elements

E61.8 Deficiency of other specified nutrient elements

E61.9 Deficiency of nutrient element, unspecified

E63 Other nutritional deficiencies

Excludes1: dehydration (E86.0)
failure to thrive, adult (R62.7)
failure to thrive, child (R62.51)
feeding problems in newborn (P92.-)
sequelae of malnutrition and other nutritional deficiencies (E64.-)

E63.0 Essential fatty acid [EFA] deficiency

E63.1 Imbalance of constituents of food intake

E63.8 Other specified nutritional deficiencies

E63.9 Nutritional deficiency, unspecified

E64 Sequelae of malnutrition and other nutritional deficiencies

Note: This category is to be used to indicate conditions in categories E43, E44, E46, E50-E63 as the cause of sequelae, which are themselves classified elsewhere. The 'sequelae' include conditions specified as such; they also include the late effects of diseases classifiable to the above categories if the disease itself is no longer present

Code first condition resulting from (sequela) of malnutrition and other nutritional deficiencies

E64.0 Sequelae of protein-calorie malnutrition

Excludes2: retarded development following protein-calorie malnutrition (E45)

E64.1 Sequelae of vitamin A deficiency

E64.2 Sequelae of vitamin C deficiency

E64.3 Sequelae of rickets

E64.8 Sequelae of other nutritional deficiencies

E64.9 Sequelae of unspecified nutritional deficiency

Overweight, obesity and other hyperalimentation (E65-E68)

E65 Localized adiposity

Fat pad

E66 Overweight and obesity

Code first obesity complicating pregnancy, childbirth and the puerperium, if applicable (O99.21-)

Use additional code to identify body mass index (BMI), if known (Z68.-)

Excludes1: adiposogenital dystrophy (E23.6)
lipomatosis NOS (E88.2)
lipomatosis dolorosa [Dercum] (E88.2)
Prader-Willi syndrome (Q87.1)

E66.0 Obesity due to excess calories

E66.01 Morbid (severe) obesity due to excess calories

Excludes1: morbid (severe) obesity with alveolar hypoventilation (E66.2)

E66.09 Other obesity due to excess calories

E66.1 Drug-induced obesity

Use additional code for adverse effect, if applicable, to identify drug (T36-T50 with fifth or sixth character 5)

E66.2 Morbid (severe) obesity with alveolar hypoventilation

Obesity hypoventilation syndrome (OHS)
Pickwickian syndrome

E66.3 Overweight

E66.8 Other obesity

E66.9 Obesity, unspecified

Obesity NOS

E67 Other hyperalimentation

Excludes1: hyperalimentation NOS (R63.2)
sequelae of hyperalimentation (E68)

E67.0 Hypervitaminosis A

E67.1 Hypercarotinemias

E67.2 Megavitamin-B6 syndrome

E67.3 Hypervitaminosis D

E67.8 Other specified hyperalimentation

E68 Sequelae of hyperalimentation

Code first condition resulting from (sequela) of hyperalimentation

Metabolic disorders (E70-E88)

Excludes1: androgen insensitivity syndrome (E34.5-)
congenital adrenal hyperplasia (E25.0)
Ehlers-Danlos syndrome (Q79.6)
hemolytic anemias attributable to enzyme disorders (D55.-)
Marfan's syndrome (Q87.4)
5-alpha-reductase deficiency (E29.1)

E70 Disorders of aromatic amino-acid metabolism

E70.0 Classical phenylketonuria

E70.1 Other hyperphenylalaninemias

E70.2 Disorders of tyrosine metabolism

Excludes1: transitory tyrosinemia of newborn (P74.5)

E70.20 Disorder of tyrosine metabolism, unspecified

E70.21 Tyrosinemia

Hypertyrosinemia

E70.29 Other disorders of tyrosine metabolism

Alkaptonuria

Ochronosis

E70.3 Albinism

E70.30 Albinism, unspecified

E70.31 Ocular albinism

E70.310 X-linked ocular albinism

E70.311 Autosomal recessive ocular albinism

E70.318 Other ocular albinism

E70.319 Ocular albinism, unspecified

E70.32 Oculocutaneous albinism

Excludes1: Chediak-Higashi syndrome (E70.330)
Hermansky-Pudlak syndrome (E70.331)

E70.320 Tyrosinase negative oculocutaneous albinism

Albinism I

Oculocutaneous albinism ty-neg

E70.321 Tyrosinase positive oculocutaneous albinism

Albinism II

Oculocutaneous albinism ty-pos

E70.328 Other oculocutaneous albinism

Cross syndrome

E70.329 Oculocutaneous albinism, unspecified

E70.33 Albinism with hematologic abnormality

E70.330 Chediak-Higashi syndrome

E70.331 Hermansky-Pudlak syndrome

E70.338 Other albinism with hematologic abnormality

E70.339 Albinism with hematologic abnormality, unspecified

E70.39 Other specified albinism

Piebaldism

E70.4 Disorders of histidine metabolism

E70.40 Disorders of histidine metabolism, unspecified

E70.41 Histidinemia

E70.49 Other disorders of histidine metabolism

E70.5 Disorders of tryptophan metabolism

E70.8 Other disorders of aromatic amino-acid metabolism

E70.9 Disorder of aromatic amino-acid metabolism, unspecified

E71 Disorders of branched-chain amino-acid metabolism and fatty-acid metabolism

E71.0 Maple-syrup-urine disease

E71.1 Other disorders of branched-chain amino-acid metabolism

E71.11 Branched-chain organic acidurias

E71.110 Isovaleric acidemia

E71.111 3-methylglutaconic aciduria

E71.118 Other branched-chain organic acidurias

E71.12 Disorders of propionate metabolism

E71.120 Methylmalonic acidemia

E71.121 Propionic acidemia

E71.128 Other disorders of propionate metabolism

E71.19 Other disorders of branched-chain amino-acid metabolism

Hyperleucine-isoleucinemia

Hypervalinemia

E71.2 Disorder of branched-chain amino-acid metabolism, unspecified

E71.3 Disorders of fatty-acid metabolism

Excludes1: peroxisomal disorders (E71.5)

Refsum's disease (G60.1)

Schilder's disease (G37.0)

Excludes2: carnitine deficiency due to inborn error of metabolism (E71.42)

E71.30 Disorder of fatty-acid metabolism, unspecified

E71.31 Disorders of fatty-acid oxidation

E71.310 Long chain/very long chain acyl CoA dehydrogenase deficiency

LCAD
VLCAD

E71.311 Medium chain acyl CoA dehydrogenase deficiency

MCAD

E71.312 Short chain acyl CoA dehydrogenase deficiency

SCAD

E71.313 Glutaric aciduria type II

Glutaric aciduria type II A
Glutaric aciduria type II B
Glutaric aciduria type II C

Excludes1: glutaric aciduria (type 1) NOS (E72.3)

E71.314 Muscle carnitine palmitoyltransferase deficiency

E71.318 Other disorders of fatty-acid oxidation

E71.32 Disorders of ketone metabolism

E71.39 Other disorders of fatty-acid metabolism

E71.4 Disorders of carnitine metabolism

Excludes1: Muscle carnitine palmitoyltransferase deficiency (E71.314)

E71.40 Disorder of carnitine metabolism, unspecified

E71.41 Primary carnitine deficiency

E71.42 Carnitine deficiency due to inborn errors of metabolism

Code also associated inborn error or metabolism

E71.43 Iatrogenic carnitine deficiency

Carnitine deficiency due to hemodialysis
Carnitine deficiency due to Valproic acid therapy

E71.44 Other secondary carnitine deficiency

E71.440 Ruvalcaba-Myhre-Smith syndrome

E71.448 Other secondary carnitine deficiency

E71.5 Peroxisomal disorders

Excludes1: Schilder's disease (G37.0)

E71.50 Peroxisomal disorder, unspecified

E71.51 Disorders of peroxisome biogenesis

Group 1 peroxisomal disorders

Excludes1: Refsum's disease (G60.1)

E71.510 Zellweger syndrome

E71.511 Neonatal adrenoleukodystrophy

Excludes1: X-linked adrenoleukodystrophy (E71.42-)

E71.518 Other disorders of peroxisome biogenesis

E71.52 X-linked adrenoleukodystrophy

E71.520 Childhood cerebral X-linked adrenoleukodystrophy

E71.521 Adolescent X-linked adrenoleukodystrophy

E71.522 Adrenomyeloneuropathy

E71.528 Other X-linked adrenoleukodystrophy

Addison only phenotype adrenoleukodystrophy

Addison-Schilder adrenoleukodystrophy

E71.529 X-linked adrenoleukodystrophy, unspecified type

E71.53 Other group 2 peroxisomal disorders

E71.54 Other peroxisomal disorders

E71.540 Rhizomelic chondrodysplasia punctata

Excludes1: chondrodysplasia punctata NOS (Q77.3)

E71.541 Zellweger-like syndrome

E71.542 Other group 3 peroxisomal disorders

E71.548 Other peroxisomal disorders

E72 Other disorders of amino-acid metabolism

Excludes1: disorders of:

aromatic amino-acid metabolism (E70.-)

branched-chain amino-acid metabolism (E71.0-E71.2)

fatty-acid metabolism (E71.3)

purine and pyrimidine metabolism (E79.-)

gout (M1A.-, M10.-)

E72.0 Disorders of amino-acid transport

Excludes1: disorders of tryptophan metabolism (E70.5)

E72.00 Disorders of amino-acid transport, unspecified

E72.01 Cystinuria

E72.02 Hartnup's disease

E72.03 Lowe's syndrome

Use additional code for associated glaucoma (H42)

E72.04 Cystinosis

Fanconi (-de Toni) (-Debré) syndrome with cystinosis

Excludes1: Fanconi (-de Toni) (-Debré) syndrome without cystinosis (E72.09)

E72.09 Other disorders of amino-acid transport

Fanconi (-de Toni) (-Debré) syndrome, unspecified

E72.1 Disorders of sulfur-bearing amino-acid metabolism

Excludes1: cystinosis (E72.04)

cystinuria (E72.01)

transcobalamin II deficiency (D51.2)

E72.10 Disorders of sulfur-bearing amino-acid metabolism, unspecified

E72.11 Homocystinuria

Cystathionine synthase deficiency

E72.12 Methylenetetrahydrofolate reductase deficiency

E72.19 Other disorders of sulfur-bearing amino-acid metabolism

Cystathioninuria

Methioninemia

Sulfite oxidase deficiency

E72.2 Disorders of urea cycle metabolism

Excludes1: disorders of ornithine metabolism (E72.4)

E72.20 Disorder of urea cycle metabolism, unspecified

Hyperammonemia

Excludes1: hyperammonemia-hyperornithinemia-homocitrullinemia syndrome E72.4
transient hyperammonemia of newborn (P74.6)

E72.21 Argininemia

E72.22 Arginosuccinic aciduria

E72.23 Citrullinemia

E72.29 Other disorders of urea cycle metabolism

E72.3 Disorders of lysine and hydroxylysine metabolism

Glutaric aciduria NOS

Glutaric aciduria (type I)

Hydroxylysinemia

Hyperlysinemia

Excludes1: glutaric aciduria type II (E71.313)

Refsum's disease (G60.1)

Zellweger syndrome (E71.510)

E72.4 Disorders of ornithine metabolism

Hyperammonemia-Hyperornithinemia-Homocitrullinemia syndrome

Ornithinemia (types I, II)

Ornithine transcarbamylase deficiency

Excludes1: hereditary choroidal dystrophy (H31.2-)

E72.5 Disorders of glycine metabolism

E72.50 Disorder of glycine metabolism, unspecified

E72.51 Non-ketotic hyperglycinemia

E72.52 Trimethylaminuria

E72.53 Hyperoxaluria

Oxalosis

Oxaluria

E72.59 Other disorders of glycine metabolism

D-glycericacidemia

Hyperhydroxyprolinemia

Hyperprolinemia (types I, II)

Sarcosinemia

E72.8 Other specified disorders of amino-acid metabolism

Disorders of beta-amino-acid metabolism

Disorders of gamma-glutamyl cycle

E72.9 Disorder of amino-acid metabolism, unspecified

E73 Lactose intolerance

E73.0 Congenital lactase deficiency

E73.1 Secondary lactase deficiency

E73.8 Other lactose intolerance

E73.9 Lactose intolerance, unspecified

E74 Other disorders of carbohydrate metabolism

Excludes1: diabetes mellitus (E08-E13)

hypoglycemia NOS (E16.2)

increased secretion of glucagon (E16.3)

mucopolysaccharidosis (E76.0-E76.3)

E74.0 Glycogen storage disease

E74.00 Glycogen storage disease, unspecified

E74.01 von Gierke disease

Type I glycogen storage disease

E74.02 Pompe disease

Cardiac glycogenosis

Type II glycogen storage disease

E74.03 Cori disease

Forbes disease

Type III glycogen storage disease

E74.04 McArdle disease

Type V glycogen storage disease

E74.09 Other glycogen storage disease

Andersen disease

Hers disease

Tauri disease

Glycogen storage disease, types 0, IV, VI-XI

Liver phosphorylase deficiency

Muscle phosphofructokinase deficiency

E74.1 Disorders of fructose metabolism

Excludes1: muscle phosphofructokinase deficiency (E74.09)

E74.10 Disorder of fructose metabolism, unspecified

E74.11 Essential fructosuria

Fructokinase deficiency

E74.12 Hereditary fructose intolerance

Fructosemia

E74.19 Other disorders of fructose metabolism

Fructose-1, 6-diphosphatase deficiency

E74.2 Disorders of galactose metabolism

E74.20 Disorders of galactose metabolism, unspecified

E74.21 Galactosemia

E74.29 Other disorders of galactose metabolism

Galactokinase deficiency

E74.3 Other disorders of intestinal carbohydrate absorption

Excludes2: lactose intolerance (E73.-)

E74.31 Sucrase-isomaltase deficiency

E74.39 Other disorders of intestinal carbohydrate absorption

Disorder of intestinal carbohydrate absorption NOS

Glucose-galactose malabsorption

Sucrase deficiency

E74.4 Disorders of pyruvate metabolism and gluconeogenesis

Deficiency of phosphoenolpyruvate carboxykinase

Deficiency of pyruvate carboxylase

Deficiency of pyruvate dehydrogenase

Excludes1: disorders of pyruvate metabolism and gluconeogenesis with anemia (D55.-)

Leigh's syndrome (G31.82)

E74.8 Other specified disorders of carbohydrate metabolism

Essential pentosuria

Renal glycosuria

E74.9 Disorder of carbohydrate metabolism, unspecified

E75 Disorders of sphingolipid metabolism and other lipid storage disorders

Excludes1: mucopolipidosis, types I-III (E77.0-E77.1)

Refsum's disease (G60.1)

E75.0 GM2 gangliosidosis

E75.00 GM2 gangliosidosis, unspecified

E75.01 Sandhoff disease

E75.02 Tay-Sachs disease

E75.09 Other GM2 gangliosidosis

Adult GM2 gangliosidosis

Juvenile GM2 gangliosidosis

E75.1 Other and unspecified gangliosidosis

E75.10 Unspecified gangliosidosis

Gangliosidosis NOS

E75.11 Mucopolidosis IV

E75.19 Other gangliosidosis

GM1 gangliosidosis

GM3 gangliosidosis

E75.2 Other sphingolipidosis

Excludes1: adrenoleukodystrophy [Addison-Schilder] (E71.528)

E75.21 Fabry (-Anderson) disease

E75.22 Gaucher disease

E75.23 Krabbe disease

E75.24 Niemann-Pick disease

E75.240 Niemann-Pick disease type A

E75.241 Niemann-Pick disease type B

E75.242 Niemann-Pick disease type C

E75.243 Niemann-Pick disease type D

E75.248 Other Niemann-Pick disease

E75.249 Niemann-Pick disease, unspecified

E75.25 Metachromatic leukodystrophy

E75.29 Other sphingolipidosis

Farber's syndrome

Sulfatase deficiency

Sulfatide lipidosis

E75.3 Sphingolipidosis, unspecified

E75.4 Neuronal ceroid lipofuscinosis

Batten disease

Bielschowsky-Jansky disease

Kufs disease

Spielmeyer-Vogt disease

E75.5 Other lipid storage disorders

Cerebrotendinous cholesterosis [van Bogaert-Scherer-Epstein]

Wolman's disease

E75.6 Lipid storage disorder, unspecified

E76 Disorders of glycosaminoglycan metabolism

E76.0 Mucopolysaccharidosis, type I

E76.01 Hurler's syndrome

E76.02 Hurler-Scheie syndrome

E76.03 Scheie's syndrome

E76.1 Mucopolysaccharidosis, type II

Hunter's syndrome

E76.2 Other mucopolysaccharidoses

E76.21 Morquio mucopolysaccharidoses

E76.210 Morquio A mucopolysaccharidoses

Classic Morquio syndrome

Morquio syndrome A

Mucopolysaccharidosis, type IVA

E76.211 Morquio B mucopolysaccharidoses

Morquio-like mucopolysaccharidoses

Morquio-like syndrome

Morquio syndrome B

Mucopolysaccharidosis, type IVB

E76.219 Morquio mucopolysaccharidoses, unspecified

Morquio syndrome

Mucopolysaccharidosis, type IV

E76.22 Sanfilippo mucopolysaccharidoses

Mucopolysaccharidosis, type III (A) (B) (C) (D)

Sanfilippo A syndrome

Sanfilippo B syndrome

Sanfilippo C syndrome

Sanfilippo D syndrome

E76.29 Other mucopolysaccharidoses

beta-Glucuronidase deficiency

Maroteaux-Lamy (mild) (severe) syndrome

Mucopolysaccharidosis, types VI, VII

E76.3 Mucopolysaccharidosis, unspecified

E76.8 Other disorders of glucosaminoglycan metabolism

E76.9 Glucosaminoglycan metabolism disorder, unspecified

E77 Disorders of glycoprotein metabolism

E77.0 Defects in post-translational modification of lysosomal enzymes

Mucopolipidosis II [I-cell disease]

Mucopolipidosis III [pseudo-Hurler polydystrophy]

E77.1 Defects in glycoprotein degradation

Aspartylglucosaminuria

Fucosidosis

Mannosidosis

Sialidosis [mucopolipidosis I]

E77.8 Other disorders of glycoprotein metabolism

E77.9 Disorder of glycoprotein metabolism, unspecified

E78 Disorders of lipoprotein metabolism and other lipidemias

Excludes1: sphingolipidosis (E75.0-E75.3)

E78.0 Pure hypercholesterolemia

E78.00 Pure hypercholesterolemia, unspecified

Fredrickson's hyperlipoproteinemia, type IIa
Hyperbetalipoproteinemia
Low-density-lipoprotein-type [LDL] hyperlipoproteinemia
(Pure) hypercholesterolemia NOS

E78.01 Familial hypercholesterolemia**E78.1 Pure hyperglyceridemia**

Elevated fasting triglycerides
Endogenous hyperglyceridemia
Fredrickson's hyperlipoproteinemia, type IV
Hyperlipidemia, group B
Hyperprebetalipoproteinemia
Very-low-density-lipoprotein-type [VLDL] hyperlipoproteinemia

E78.2 Mixed hyperlipidemia

Broad- or floating-betalipoproteinemia
Combined hyperlipidemia NOS
Elevated cholesterol with elevated triglycerides NEC
Fredrickson's hyperlipoproteinemia, type IIb or III
Hyperbetalipoproteinemia with prebetalipoproteinemia
Hypercholesterolemia with endogenous hyperglyceridemia
Hyperlipidemia, group C
Tubo-eruptive xanthoma
Xanthoma tuberosum

Excludes1: cerebrotendinous cholesterosis [van Bogaert-Scherer- Epstein] (E75.5)
familial combined hyperlipidemia (E78.4)

E78.3 Hyperchylomicronemia

Chylomicron retention disease
Fredrickson's hyperlipoproteinemia, type I or V
Hyperlipidemia, group D
Mixed hyperglyceridemia

E78.4 Other hyperlipidemia

Familial combined hyperlipidemia

E78.5 Hyperlipidemia, unspecified**E78.6 Lipoprotein deficiency**

Abetalipoproteinemia
Depressed HDL cholesterol
High-density lipoprotein deficiency
Hypoalphalipoproteinemia
Hypobetalipoproteinemia (familial)
Lecithin cholesterol acyltransferase deficiency
Tangier disease

E78.7 Disorders of bile acid and cholesterol metabolism

Excludes1: Niemann-Pick disease type C (E75.242)

E78.70 Disorder of bile acid and cholesterol metabolism, unspecified**E78.71 Barth syndrome****E78.72 Smith-Lemli-Opitz syndrome****E78.79 Other disorders of bile acid and cholesterol metabolism**

E78.8 Other disorders of lipoprotein metabolism

E78.81 Lipoid dermatoarthritis

E78.89 Other lipoprotein metabolism disorders

E78.9 Disorder of lipoprotein metabolism, unspecified

E79 Disorders of purine and pyrimidine metabolism

Excludes1: Ataxia-telangiectasia (Q87.1)
Bloom's syndrome (Q82.8)
Cockayne's syndrome (Q87.1)
calculus of kidney (N20.0)
combined immunodeficiency disorders (D81.-)
Fanconi's anemia (D61.09)
gout (M1A.-, M10.-)
orotaciduric anemia (D53.0)
progeria (E34.8)
Werner's syndrome (E34.8)
xeroderma pigmentosum (Q82.1)

E79.0 Hyperuricemia without signs of inflammatory arthritis and tophaceous disease Asymptomatic hyperuricemia

E79.1 Lesch-Nyhan syndrome HGPRT deficiency

E79.2 Myoadenylate deaminase deficiency

E79.8 Other disorders of purine and pyrimidine metabolism Hereditary xanthinuria

E79.9 Disorder of purine and pyrimidine metabolism, unspecified

E80 Disorders of porphyrin and bilirubin metabolism

Includes: defects of catalase and peroxidase

E80.0 Hereditary erythropoietic porphyria Congenital erythropoietic porphyria Erythropoietic protoporphyria

E80.1 Porphyria cutanea tarda

E80.2 Other and unspecified porphyria

E80.20 Unspecified porphyria Porphyria NOS

E80.21 Acute intermittent (hepatic) porphyria

E80.29 Other porphyria Hereditary coproporphyria

E80.3 Defects of catalase and peroxidase Acatlasia [Takahara]

E80.4 Gilbert syndrome

E80.5 Crigler-Najjar syndrome

E80.6 Other disorders of bilirubin metabolism

Dubin-Johnson syndrome
Rotor's syndrome

E80.7 Disorder of bilirubin metabolism, unspecified

E83 Disorders of mineral metabolism

Excludes1: dietary mineral deficiency (E58-E61)
parathyroid disorders (E20-E21)
vitamin D deficiency (E55.-)

E83.0 Disorders of copper metabolism

E83.00 Disorder of copper metabolism, unspecified

E83.01 Wilson's disease

Code also associated Kayser Fleischer ring (H18.04-)

E83.09 Other disorders of copper metabolism

Menkes' (kinky hair) (steely hair) disease

E83.1 Disorders of iron metabolism

Excludes1: iron deficiency anemia (D50.-)
sideroblastic anemia (D64.0-D64.3)

E83.10 Disorder of iron metabolism, unspecified

E83.11 Hemochromatosis

Excludes1: GALD (P78.84)
Gestational alloimmune liver disease (P78.84)
Neonatal hemochromatosis (P78.84)

E83.110 Hereditary hemochromatosis

Bronzed diabetes
Pigmentary cirrhosis (of liver)
Primary (hereditary) hemochromatosis

E83.111 Hemochromatosis due to repeated red blood cell transfusions

Iron overload due to repeated red blood cell transfusions
Transfusion (red blood cell) associated hemochromatosis

E83.118 Other hemochromatosis

E83.119 Hemochromatosis, unspecified

E83.19 Other disorders of iron metabolism

Use additional code, if applicable, for idiopathic pulmonary hemosiderosis (J84.03)

E83.2 Disorders of zinc metabolism

Acrodermatitis enteropathica

E83.3 Disorders of phosphorus metabolism and phosphatases

Excludes1: adult osteomalacia (M83.-)
osteoporosis (M80.-)

E83.30 Disorder of phosphorus metabolism, unspecified

E83.31 Familial hypophosphatemia

Vitamin D-resistant osteomalacia

Vitamin D-resistant rickets

Excludes1: vitamin D-deficiency rickets (E55.0)

E83.32 Hereditary vitamin D-dependent rickets (type 1) (type 2)

25-hydroxyvitamin D 1-alpha-hydroxylase deficiency

Pseudovitamin D deficiency

Vitamin D receptor defect

E83.39 Other disorders of phosphorus metabolism

Acid phosphatase deficiency

Hypophosphatasia

E83.4 Disorders of magnesium metabolism

E83.40 Disorders of magnesium metabolism, unspecified

E83.41 Hypermagnesemia

E83.42 Hypomagnesemia

E83.49 Other disorders of magnesium metabolism

E83.5 Disorders of calcium metabolism

Excludes1: chondrocalcinosis (M11.1-M11.2)

hungry bone syndrome (E83.81)

hyperparathyroidism (E21.0-E21.3)

E83.50 Unspecified disorder of calcium metabolism

E83.51 Hypocalcemia

E83.52 Hypercalcemia

Familial hypocalciuric hypercalcemia

E83.59 Other disorders of calcium metabolism

Idiopathic hypercalciuria

E83.8 Other disorders of mineral metabolism

E83.81 Hungry bone syndrome

E83.89 Other disorders of mineral metabolism

E83.9 Disorder of mineral metabolism, unspecified

E84 Cystic fibrosis

Includes: mucoviscidosis

Code also exocrine pancreatic insufficiency (K86.81)

E84.0 Cystic fibrosis with pulmonary manifestations

Use additional code to identify any infectious organism present, such as:

Pseudomonas (B96.5)

E84.1 Cystic fibrosis with intestinal manifestations

E84.11 Meconium ileus in cystic fibrosis

Excludes1: meconium ileus not due to cystic fibrosis (P76.0)

E84.19 Cystic fibrosis with other intestinal manifestations

Distal intestinal obstruction syndrome

E84.8 Cystic fibrosis with other manifestations

E84.9 Cystic fibrosis, unspecified

E85 Amyloidosis

Excludes2: Alzheimer's disease (G30.0-)

E85.0 Non-neuropathic heredofamilial amyloidosis

Hereditary amyloid nephropathy

Code also associated disorders, such as:
autoinflammatory syndromes (M04.-)

Excludes2: Transthyretin-related (ATTR) familial amyloid cardiomyopathy (E85.4)

E85.1 Neuropathic heredofamilial amyloidosis

Amyloid polyneuropathy (Portuguese)

Transthyretin-related (ATTR) familial amyloid polyneuropathy

E85.2 Heredofamilial amyloidosis, unspecified

E85.3 Secondary systemic amyloidosis

Hemodialysis-associated amyloidosis

E85.4 Organ-limited amyloidosis

Localized amyloidosis

Transthyretin-related (ATTR) familial amyloid cardiomyopathy

E85.8 Other amyloidosis

E85.81 Light chain (AL) amyloidosis

E85.82 Wild-type transthyretin-related (ATTR) amyloidosis

Senile systemic amyloidosis (SSA)

E85.89 Other amyloidosis

E85.9 Amyloidosis, unspecified

E86 Volume depletion

Use additional code(s) for any associated disorders of electrolyte and acid-base balance (E87.-)

Excludes1: dehydration of newborn (P74.1)
hypovolemic shock NOS (R57.1)
postprocedural hypovolemic shock (T81.19)
traumatic hypovolemic shock (T79.4)

E86.0 Dehydration

E86.1 Hypovolemia

Depletion of volume of plasma

E86.9 Volume depletion, unspecified

E87 Other disorders of fluid, electrolyte and acid-base balance

Excludes1: diabetes insipidus (E23.2)
electrolyte imbalance associated with hyperemesis gravidarum (O21.1)
electrolyte imbalance following ectopic or molar pregnancy (O08.5)

familial periodic paralysis (G72.3)

E87.0 Hyperosmolality and hypernatremia

Sodium [Na] excess

Sodium [Na] overload

E87.1 Hypo-osmolality and hyponatremia

Sodium [Na] deficiency

Excludes1: syndrome of inappropriate secretion of antidiuretic hormone (E22.2)

E87.2 Acidosis

Acidosis NOS

Lactic acidosis

Metabolic acidosis

Respiratory acidosis

Excludes1: diabetic acidosis - see categories E08-E10, E13 with ketoacidosis

E87.3 Alkalosis

Alkalosis NOS

Metabolic alkalosis

Respiratory alkalosis

E87.4 Mixed disorder of acid-base balance

E87.5 Hyperkalemia

Potassium [K] excess

Potassium [K] overload

E87.6 Hypokalemia

Potassium [K] deficiency

E87.7 Fluid overload

Excludes1: edema NOS (R60.9)
fluid retention (R60.9)

E87.70 Fluid overload, unspecified

E87.71 Transfusion associated circulatory overload

Fluid overload due to transfusion (blood) (blood components)

TACO

E87.79 Other fluid overload

E87.8 Other disorders of electrolyte and fluid balance, not elsewhere classified

Electrolyte imbalance NOS

Hyperchloremia

Hypochloremia

E88 Other and unspecified metabolic disorders

Use additional codes for associated conditions

Excludes1: histiocytosis X (chronic) (C96.6)

E88.0 Disorders of plasma-protein metabolism, not elsewhere classified

Excludes1: disorder of lipoprotein metabolism (E78.-)
monoclonal gammopathy (of undetermined significance) (D47.2)
polyclonal hypergammaglobulinemia (D89.0)
Waldenström macroglobulinemia (C88.0)

E88.01 Alpha-1-antitrypsin deficiency

AAT deficiency

E88.09 Other disorders of plasma-protein metabolism, not elsewhere classified

Bisalbuminemia

E88.1 Lipodystrophy, not elsewhere classified

Lipodystrophy NOS

Excludes1: Whipple's disease (K90.81)

E88.2 Lipomatosis, not elsewhere classified

Lipomatosis NOS

Lipomatosis (Check) dolorosa [Dercum]

E88.3 Tumor lysis syndrome

Tumor lysis syndrome (spontaneous)

Tumor lysis syndrome following antineoplastic drug chemotherapy

Use additional code for adverse effect, if applicable, to identify drug (T45.1X5)

E88.4 Mitochondrial metabolism disorders

Excludes1: disorders of pyruvate metabolism (E74.4)

Kearns-Sayre syndrome (H49.81)

Leber's disease (H47.22)

Leigh's encephalopathy (G31.82)

Mitochondrial myopathy, NEC (G71.3)

Reye's syndrome (G93.7)

E88.40 Mitochondrial metabolism disorder, unspecified

E88.41 MELAS syndrome

Mitochondrial myopathy, encephalopathy, lactic acidosis and stroke-like episodes

E88.42 MERRF syndrome

Myoclonic epilepsy associated with ragged-red fibers

Code also progressive myoclonic epilepsy (G40.3-)

E88.49 Other mitochondrial metabolism disorders

E88.8 Other specified metabolic disorders

E88.81 Metabolic syndrome

Dysmetabolic syndrome X

Use additional codes for associated manifestations, such as:
obesity (E66.-)

E88.89 Other specified metabolic disorders

Launois-Bensaude adenolipomatosis

Excludes1: adult pulmonary Langerhans cell histiocytosis (J84.82)

E88.9 Metabolic disorder, unspecified

Postprocedural endocrine and metabolic complications and disorders, not elsewhere classified (E89)

E89 Postprocedural endocrine and metabolic complications and disorders, not elsewhere classified

Excludes2: intraoperative complications of endocrine system organ or structure (E36.0-, E36.1-, E36.8)

E89.0 Postprocedural hypothyroidism

Postirradiation hypothyroidism
Postsurgical hypothyroidism

E89.1 Postprocedural hypoinsulinemia

Postpancreatectomy hyperglycemia
Postsurgical hypoinsulinemia

Use additional code, if applicable, to identify:

acquired absence of pancreas (Z90.41-)
diabetes mellitus (postpancreatectomy) (postprocedural) (E13.-)
insulin use (Z79.4)

Excludes1: transient postprocedural hyperglycemia (R73.9)
transient postprocedural hypoglycemia (E16.2)

E89.2 Postprocedural hypoparathyroidism

Parathyroprival tetany

E89.3 Postprocedural hypopituitarism

Postirradiation hypopituitarism

E89.4 Postprocedural ovarian failure**E89.40 Asymptomatic postprocedural ovarian failure**

Postprocedural ovarian failure NOS

E89.41 Symptomatic postprocedural ovarian failure

Symptoms such as flushing, sleeplessness, headache, lack of concentration, associated with
postprocedural menopause

E89.5 Postprocedural testicular hypofunction**E89.6 Postprocedural adrenocortical (-medullary) hypofunction****E89.8 Other postprocedural endocrine and metabolic complications and disorders****E89.81 Postprocedural hemorrhage of an endocrine system organ or structure following a procedure****E89.810 Postprocedural hemorrhage of an endocrine system organ or structure following an endocrine system procedure****E89.811 Postprocedural hemorrhage of an endocrine system organ or structure following other procedure****E89.82 Postprocedural hematoma and seroma of an endocrine system organ or structure****E89.820 Postprocedural hematoma of an endocrine system organ or structure following an endocrine system procedure****E89.821 Postprocedural hematoma of an endocrine system organ or structure following other procedure****E89.822 Postprocedural seroma of an endocrine system organ or structure following an endocrine system procedure****E89.823 Postprocedural seroma of an endocrine system organ or structure following other procedure****E89.89 Other postprocedural endocrine and metabolic complications and disorders**

Use additional code, if applicable, to further specify disorder