



190.21 - Glycated Hemoglobin/Glycated Protein

Description

The management of diabetes mellitus requires regular determinations of blood glucose levels. Glycated hemoglobin/protein levels are used to assess long-term glucose control in diabetes. Alternative names for these tests include glycated or glycosylated hemoglobin or Hgb, hemoglobin glycated or glycosylated protein, and fructosamine.

Glycated hemoglobin (equivalent to hemoglobin A1) refers to total glycosylated hemoglobin present in erythrocytes, usually determined by affinity or ion-exchange chromatographic methodology. Hemoglobin A1c refers to the major component of hemoglobin A1, usually determined by ion-exchange affinity chromatography, immunoassay or agar gel electrophoresis. Fructosamine or glycated protein refers to glycosylated protein present in a serum or plasma sample. Glycated protein refers to measurement of the component of the specific protein that is glycated usually by colorimetric method or affinity chromatography.

Glycated hemoglobin in whole blood assesses glycemic control over a period of 4-8 weeks and appears to be the more appropriate test for monitoring a patient who is capable of maintaining long-term, stable control. Measurement may be medically necessary every 3 months to determine whether a patient's metabolic control has been on average within the target range. More frequent assessments, every 1-2 months, may be appropriate in the patient whose diabetes regimen has been altered to improve control or in whom evidence is present that intercurrent events may have altered a previously satisfactory level of control (for example, post-major surgery or as a result of glucocorticoid therapy). Glycated protein in serum/plasma assesses glycemic control over a period of 1-2 weeks. It may be reasonable and necessary to monitor glycated protein monthly in pregnant diabetic women. Glycated hemoglobin/protein test results may be low, indicating significant, persistent hypoglycemia, in nesidioblastosis or insulinoma, conditions which are accompanied by inappropriate hyperinsulinemia. A below normal test value is helpful in establishing the patient's hypoglycemic state in those conditions.

HCPCS Codes (Alphanumeric, CPT® AMA)

| Code | Description |
|-------|----------------------|
| 82985 | Glycated protein |
| 83036 | Hemoglobin; glycated |

ICD-10-CM Codes Covered by Medicare Program

The ICD-10-CM codes in the table below can be viewed on CMS' website as part of
Downloads: Lab Code List, at
<http://www.cms.gov/Medicare/Coverage/CoverageGenInfo/LabNCDsICD10.html>



**Medicare National Coverage Determinations (NCD)
Coding Policy Manual and Change Report (ICD-10-CM)**

| Code | Description |
|----------|--|
| D13.7 | Benign neoplasm of endocrine pancreas |
| E08.00 | Diabetes mellitus due to underlying condition with hyperosmolarity without nonketotic hyperglycemic-hyperosmolar coma (NKHHC) |
| E08.01 | Diabetes mellitus due to underlying condition with hyperosmolarity with coma |
| E08.10 | Diabetes mellitus due to underlying condition with ketoacidosis without coma |
| E08.11 | Diabetes mellitus due to underlying condition with ketoacidosis with coma |
| E08.21 | Diabetes mellitus due to underlying condition with diabetic nephropathy |
| E08.22 | Diabetes mellitus due to underlying condition with diabetic chronic kidney disease |
| E08.29 | Diabetes mellitus due to underlying condition with other diabetic kidney complication |
| E08.311 | 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 |
| E08.3211 | Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy with macular edema, right eye |
| E08.3212 | Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy with macular edema, left eye |
| E08.3213 | Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy with macular edema, bilateral |
| E08.3291 | Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy without macular edema, right eye |
| E08.3292 | Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy without macular edema, left eye |
| E08.3293 | Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy without macular edema, bilateral |
| E08.3311 | Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy with macular edema, right eye |
| E08.3312 | Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy with macular edema, left eye |
| E08.3313 | Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy with macular edema, bilateral |
| E08.3391 | Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy without macular edema, right eye |
| E08.3392 | Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy without macular edema, left eye |
| E08.3393 | Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy without macular edema, bilateral |



**Medicare National Coverage Determinations (NCD)
Coding Policy Manual and Change Report (ICD-10-CM)**

| Code | Description |
|----------|--|
| E08.3411 | Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy with macular edema, right eye |
| E08.3412 | Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy with macular edema, left eye |
| E08.3413 | Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy with macular edema, bilateral |
| E08.3491 | Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy without macular edema, right eye |
| E08.3492 | Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy without macular edema, left eye |
| E08.3493 | Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy without macular edema, bilateral |
| E08.3511 | Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with macular edema, right eye |
| E08.3512 | Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with macular edema, left eye |
| E08.3513 | Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with macular edema, bilateral |
| E08.3521 | Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye |
| E08.3522 | Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment involving the macula, left eye |
| E08.3523 | Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment involving the macula, bilateral |
| E08.3531 | Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, right eye |
| E08.3532 | Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, left eye |
| E08.3533 | Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, bilateral |
| E08.3541 | Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, right eye |
| E08.3542 | Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, left eye |
| E08.3543 | Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, bilateral |
| E08.3551 | Diabetes mellitus due to underlying condition with stable proliferative diabetic retinopathy, right eye |
| E08.3552 | Diabetes mellitus due to underlying condition with stable proliferative diabetic retinopathy, left eye |



**Medicare National Coverage Determinations (NCD)
Coding Policy Manual and Change Report (ICD-10-CM)**

| Code | Description |
|-------------|--|
| E08.3553 | Diabetes mellitus due to underlying condition with stable proliferative diabetic retinopathy, bilateral |
| E08.3591 | Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy without macular edema, right eye |
| E08.3592 | Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy without macular edema, left eye |
| E08.3593 | Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy without macular edema, bilateral |
| E08.36 | Diabetes mellitus due to underlying condition with diabetic cataract |
| E08.37X1 | Diabetes mellitus due to underlying condition with diabetic macular edema, resolved following treatment, right eye |
| E08.37X2 | Diabetes mellitus due to underlying condition with diabetic macular edema, resolved following treatment, left eye |
| E08.37X3 | Diabetes mellitus due to underlying condition with diabetic macular edema, resolved following treatment, bilateral |
| E08.39 | Diabetes mellitus due to underlying condition with other diabetic ophthalmic complication |
| 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 |
| E08.43 | Diabetes mellitus due to underlying condition with diabetic autonomic (poly)neuropathy |
| E08.44 | Diabetes mellitus due to underlying condition with diabetic amyotrophy |
| E08.49 | Diabetes mellitus due to underlying condition with other diabetic neurological complication |
| E08.51 | Diabetes mellitus due to underlying condition with diabetic peripheral angiopathy without gangrene |
| E08.52 | Diabetes mellitus due to underlying condition with diabetic peripheral angiopathy with gangrene |
| E08.59 | Diabetes mellitus due to underlying condition with other circulatory complications |
| E08.610 | Diabetes mellitus due to underlying condition with diabetic neuropathic arthropathy |
| E08.618 | Diabetes mellitus due to underlying condition with other diabetic arthropathy |
| E08.620 | Diabetes mellitus due to underlying condition with diabetic dermatitis |
| E08.621 | Diabetes mellitus due to underlying condition with foot ulcer |
| E08.622 | Diabetes mellitus due to underlying condition with other skin ulcer |
| E08.628 | Diabetes mellitus due to underlying condition with other skin complications |
| E08.630 | Diabetes mellitus due to underlying condition with periodontal disease |
| E08.638 | Diabetes mellitus due to underlying condition with other oral complications |
| E08.641 | Diabetes mellitus due to underlying condition with hypoglycemia with coma |
| E08.649 | Diabetes mellitus due to underlying condition with hypoglycemia without coma |

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ICD-10-CM Version – Red**

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January 2019



**Medicare National Coverage Determinations (NCD)
Coding Policy Manual and Change Report (ICD-10-CM)**

| Code | Description |
|----------|---|
| E08.65 | Diabetes mellitus due to underlying condition with hyperglycemia |
| E08.69 | Diabetes mellitus due to underlying condition with other specified complication |
| E08.8 | Diabetes mellitus due to underlying condition with unspecified complications |
| E08.9 | Diabetes mellitus due to underlying condition without complications |
| E09.00 | Drug or chemical induced diabetes mellitus with hyperosmolarity without nonketotic hyperglycemic-hyperosmolar coma (NKHHC) |
| E09.01 | Drug or chemical induced diabetes mellitus with hyperosmolarity with coma |
| E09.10 | Drug or chemical induced diabetes mellitus with ketoacidosis without coma |
| E09.11 | Drug or chemical induced diabetes mellitus with ketoacidosis with coma |
| E09.21 | Drug or chemical induced diabetes mellitus with diabetic nephropathy |
| E09.22 | Drug or chemical induced diabetes mellitus with diabetic chronic kidney disease |
| E09.29 | Drug or chemical induced diabetes mellitus with other diabetic kidney complication |
| E09.311 | 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 |
| E09.3211 | Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, right eye |
| E09.3212 | Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, left eye |
| E09.3213 | Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, bilateral |
| E09.3291 | Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, right eye |
| E09.3292 | Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, left eye |
| E09.3293 | Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, bilateral |
| E09.3311 | Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, right eye |
| E09.3312 | Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, left eye |
| E09.3313 | Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, bilateral |
| E09.3391 | Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, right eye |
| E09.3392 | Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, left eye |

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**Medicare National Coverage Determinations (NCD)
Coding Policy Manual and Change Report (ICD-10-CM)**

| Code | Description |
|----------|---|
| E09.3393 | Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, bilateral |
| E09.3411 | Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, right eye |
| E09.3412 | Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, left eye |
| E09.3413 | Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, bilateral |
| E09.3491 | Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, right eye |
| E09.3492 | Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, left eye |
| E09.3493 | Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, bilateral |
| E09.3511 | Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with macular edema, right eye |
| E09.3512 | Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with macular edema, left eye |
| E09.3513 | Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with macular edema, bilateral |
| E09.3521 | Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye |
| E09.3522 | Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, left eye |
| E09.3523 | Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, bilateral |
| E09.3531 | Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, right eye |
| E09.3532 | Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, left eye |
| E09.3533 | Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, bilateral |
| E09.3541 | Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, right eye |
| E09.3542 | Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, left eye |
| E09.3543 | Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, bilateral |
| E09.3551 | Drug or chemical induced diabetes mellitus with stable proliferative diabetic retinopathy, right eye |



**Medicare National Coverage Determinations (NCD)
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| Code | Description |
|----------|--|
| E09.3552 | Drug or chemical induced diabetes mellitus with stable proliferative diabetic retinopathy, left eye |
| E09.3553 | Drug or chemical induced diabetes mellitus with stable proliferative diabetic retinopathy, bilateral |
| E09.3591 | Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy without macular edema, right eye |
| E09.3592 | Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy without macular edema, left eye |
| E09.3593 | Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy without macular edema, bilateral |
| E09.36 | Drug or chemical induced diabetes mellitus with diabetic cataract |
| E09.37X1 | Drug or chemical induced diabetes mellitus with diabetic macular edema, resolved following treatment, right eye |
| E09.37X2 | Drug or chemical induced diabetes mellitus with diabetic macular edema, resolved following treatment, left eye |
| E09.37X3 | Drug or chemical induced diabetes mellitus with diabetic macular edema, resolved following treatment, bilateral |
| E09.39 | Drug or chemical induced diabetes mellitus with other diabetic ophthalmic complication |
| 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 |
| E09.43 | Drug or chemical induced diabetes mellitus with neurological complications with diabetic autonomic (poly)neuropathy |
| E09.44 | Drug or chemical induced diabetes mellitus with neurological complications with diabetic amyotrophy |
| E09.49 | Drug or chemical induced diabetes mellitus with neurological complications with other diabetic neurological complication |
| E09.51 | Drug or chemical induced diabetes mellitus with diabetic peripheral angiopathy without gangrene |
| E09.52 | Drug or chemical induced diabetes mellitus with diabetic peripheral angiopathy with gangrene |
| E09.59 | Drug or chemical induced diabetes mellitus with other circulatory complications |
| E09.610 | Drug or chemical induced diabetes mellitus with diabetic neuropathic arthropathy |
| E09.618 | Drug or chemical induced diabetes mellitus with other diabetic arthropathy |
| E09.620 | Drug or chemical induced diabetes mellitus with diabetic dermatitis |
| E09.621 | Drug or chemical induced diabetes mellitus with foot ulcer |

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**Medicare National Coverage Determinations (NCD)
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| Code | Description |
|----------|---|
| E09.622 | Drug or chemical induced diabetes mellitus with other skin ulcer |
| E09.628 | Drug or chemical induced diabetes mellitus with other skin complications |
| E09.630 | Drug or chemical induced diabetes mellitus with periodontal disease |
| E09.638 | Drug or chemical induced diabetes mellitus with other oral complications |
| E09.641 | Drug or chemical induced diabetes mellitus with hypoglycemia with coma |
| E09.649 | Drug or chemical induced diabetes mellitus with hypoglycemia without coma |
| E09.65 | Drug or chemical induced diabetes mellitus with hyperglycemia |
| E09.69 | Drug or chemical induced diabetes mellitus with other specified complication |
| E09.8 | Drug or chemical induced diabetes mellitus with unspecified complications |
| E09.9 | Drug or chemical induced diabetes mellitus without complications |
| E10.10 | Type 1 diabetes mellitus with ketoacidosis without coma |
| E10.11 | Type 1 diabetes mellitus with ketoacidosis with coma |
| E10.21 | Type 1 diabetes mellitus with diabetic nephropathy |
| E10.22 | Type 1 diabetes mellitus with diabetic chronic kidney disease |
| E10.29 | Type 1 diabetes mellitus with other diabetic kidney complication |
| E10.311 | Type 1 diabetes mellitus with unspecified diabetic retinopathy with macular edema |
| E10.319 | Type 1 diabetes mellitus with unspecified diabetic retinopathy without macular edema |
| E10.3211 | Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, right eye |
| E10.3212 | Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, left eye |
| E10.3213 | Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, bilateral |
| E10.3291 | Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, right eye |
| E10.3292 | Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, left eye |
| E10.3293 | Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, bilateral |
| E10.3311 | Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, right eye |
| E10.3312 | Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, left eye |
| E10.3313 | Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, bilateral |
| E10.3391 | Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, right eye |

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**Medicare National Coverage Determinations (NCD)
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| Code | Description |
|----------|---|
| E10.3392 | Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, left eye |
| E10.3393 | Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, bilateral |
| E10.3411 | Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, right eye |
| E10.3412 | Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, left eye |
| E10.3413 | Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, bilateral |
| E10.3491 | Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, right eye |
| E10.3492 | Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, left eye |
| E10.3493 | Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, bilateral |
| E10.3511 | Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema, right eye |
| E10.3512 | Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema, left eye |
| E10.3513 | Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema, bilateral |
| E10.3521 | Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye |
| E10.3522 | Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, left eye |
| E10.3523 | Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, bilateral |
| E10.3531 | Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, right eye |
| E10.3532 | Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, left eye |
| E10.3533 | Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, bilateral |
| E10.3541 | Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, right eye |
| E10.3542 | Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, left eye |
| E10.3543 | Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, bilateral |
| E10.3551 | Type 1 diabetes mellitus with stable proliferative diabetic retinopathy, right eye |
| E10.3552 | Type 1 diabetes mellitus with stable proliferative diabetic retinopathy, left eye |

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**Medicare National Coverage Determinations (NCD)
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| Code | Description |
|----------|---|
| E10.3553 | Type 1 diabetes mellitus with stable proliferative diabetic retinopathy, bilateral |
| E10.3591 | Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema, right eye |
| E10.3592 | Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema, left eye |
| E10.3593 | Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema, bilateral |
| E10.36 | Type 1 diabetes mellitus with diabetic cataract |
| E10.37X1 | Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, right eye |
| E10.37X2 | Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, left eye |
| E10.37X3 | Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, bilateral |
| E10.39 | Type 1 diabetes mellitus with other diabetic ophthalmic complication |
| 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 |
| E10.43 | Type 1 diabetes mellitus with diabetic autonomic (poly)neuropathy |
| E10.44 | Type 1 diabetes mellitus with diabetic amyotrophy |
| E10.49 | Type 1 diabetes mellitus with other diabetic neurological complication |
| E10.51 | Type 1 diabetes mellitus with diabetic peripheral angiopathy without gangrene |
| E10.52 | Type 1 diabetes mellitus with diabetic peripheral angiopathy with gangrene |
| E10.59 | Type 1 diabetes mellitus with other circulatory complications |
| E10.610 | Type 1 diabetes mellitus with diabetic neuropathic arthropathy |
| E10.618 | Type 1 diabetes mellitus with other diabetic arthropathy |
| E10.620 | Type 1 diabetes mellitus with diabetic dermatitis |
| E10.621 | Type 1 diabetes mellitus with foot ulcer |
| E10.622 | Type 1 diabetes mellitus with other skin ulcer |
| E10.628 | Type 1 diabetes mellitus with other skin complications |
| E10.630 | Type 1 diabetes mellitus with periodontal disease |
| E10.638 | Type 1 diabetes mellitus with other oral complications |
| E10.641 | Type 1 diabetes mellitus with hypoglycemia with coma |
| E10.649 | Type 1 diabetes mellitus with hypoglycemia without coma |
| E10.65 | Type 1 diabetes mellitus with hyperglycemia |
| E10.69 | Type 1 diabetes mellitus with other specified complication |
| E10.8 | Type 1 diabetes mellitus with unspecified complications |

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**Medicare National Coverage Determinations (NCD)
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| Code | Description |
|----------|---|
| E10.9 | Type 1 diabetes mellitus without complications |
| E11.00 | Type 2 diabetes mellitus with hyperosmolarity without nonketotic hyperglycemic-hyperosmolar coma (NKHHC) |
| E11.01 | Type 2 diabetes mellitus with hyperosmolarity with coma |
| E11.10 | Type 2 diabetes mellitus with ketoacidosis without coma |
| E11.11 | Type 2 diabetes mellitus with ketoacidosis with coma |
| E11.21 | Type 2 diabetes mellitus with diabetic nephropathy |
| E11.22 | Type 2 diabetes mellitus with diabetic chronic kidney disease |
| E11.29 | Type 2 diabetes mellitus with other diabetic kidney complication |
| E11.311 | Type 2 diabetes mellitus with unspecified diabetic retinopathy with macular edema |
| E11.319 | Type 2 diabetes mellitus with unspecified diabetic retinopathy without macular edema |
| E11.3211 | Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, right eye |
| E11.3212 | Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, left eye |
| E11.3213 | Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, bilateral |
| E11.3291 | Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, right eye |
| E11.3292 | Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, left eye |
| E11.3293 | Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, bilateral |
| E11.3311 | Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, right eye |
| E11.3312 | Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, left eye |
| E11.3313 | Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, bilateral |
| E11.3391 | Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, right eye |
| E11.3392 | Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, left eye |
| E11.3393 | Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, bilateral |
| E11.3411 | Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, right eye |
| E11.3412 | Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, left eye |



**Medicare National Coverage Determinations (NCD)
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| Code | Description |
|----------|---|
| E11.3413 | Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, bilateral |
| E11.3491 | Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, right eye |
| E11.3492 | Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, left eye |
| E11.3493 | Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, bilateral |
| E11.3511 | Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema, right eye |
| E11.3512 | Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema, left eye |
| E11.3513 | Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema, bilateral |
| E11.3521 | Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye |
| E11.3522 | Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, left eye |
| E11.3523 | Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, bilateral |
| E11.3531 | Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, right eye |
| E11.3532 | Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, left eye |
| E11.3533 | Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, bilateral |
| E11.3541 | Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, right eye |
| E11.3542 | Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, left eye |
| E11.3543 | Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, bilateral |
| E11.3551 | Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, right eye |
| E11.3552 | Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, left eye |
| E11.3553 | Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, bilateral |
| E11.3591 | Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema, right eye |
| E11.3592 | Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema, left eye |
| E11.3593 | Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema, bilateral |
| E11.36 | Type 2 diabetes mellitus with diabetic cataract |

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ICD-10-CM Version – Red**

Fu Associates, Ltd.

January 2019



**Medicare National Coverage Determinations (NCD)
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| Code | Description |
|----------|---|
| E11.37X1 | Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, right eye |
| E11.37X2 | Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, left eye |
| E11.37X3 | Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, bilateral |
| E11.39 | Type 2 diabetes mellitus with other diabetic ophthalmic complication |
| E11.40 | Type 2 diabetes mellitus with diabetic neuropathy, unspecified |
| E11.41 | Type 2 diabetes mellitus with diabetic mononeuropathy |
| E11.42 | Type 2 diabetes mellitus with diabetic polyneuropathy |
| E11.43 | Type 2 diabetes mellitus with diabetic autonomic (poly)neuropathy |
| E11.44 | Type 2 diabetes mellitus with diabetic amyotrophy |
| E11.49 | Type 2 diabetes mellitus with other diabetic neurological complication |
| E11.51 | Type 2 diabetes mellitus with diabetic peripheral angiopathy without gangrene |
| E11.52 | Type 2 diabetes mellitus with diabetic peripheral angiopathy with gangrene |
| E11.59 | Type 2 diabetes mellitus with other circulatory complications |
| E11.610 | Type 2 diabetes mellitus with diabetic neuropathic arthropathy |
| E11.618 | Type 2 diabetes mellitus with other diabetic arthropathy |
| E11.620 | Type 2 diabetes mellitus with diabetic dermatitis |
| E11.621 | Type 2 diabetes mellitus with foot ulcer |
| E11.622 | Type 2 diabetes mellitus with other skin ulcer |
| E11.628 | Type 2 diabetes mellitus with other skin complications |
| E11.630 | Type 2 diabetes mellitus with periodontal disease |
| E11.638 | Type 2 diabetes mellitus with other oral complications |
| E11.641 | Type 2 diabetes mellitus with hypoglycemia with coma |
| E11.649 | Type 2 diabetes mellitus with hypoglycemia without coma |
| E11.65 | Type 2 diabetes mellitus with hyperglycemia |
| E11.69 | Type 2 diabetes mellitus with other specified complication |
| E11.8 | Type 2 diabetes mellitus with unspecified complications |
| E11.9 | Type 2 diabetes mellitus without complications |
| E13.00 | Other specified diabetes mellitus with hyperosmolarity without nonketotic hyperglycemic-hyperosmolar coma (NKHHC) |
| E13.01 | Other specified diabetes mellitus with hyperosmolarity with coma |
| E13.10 | Other specified diabetes mellitus with ketoacidosis without coma |
| E13.11 | Other specified diabetes mellitus with ketoacidosis with coma |
| E13.21 | Other specified diabetes mellitus with diabetic nephropathy |

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| Code | Description |
|----------|--|
| E13.22 | Other specified diabetes mellitus with diabetic chronic kidney disease |
| E13.29 | Other specified diabetes mellitus with other diabetic kidney complication |
| 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 |
| E13.3211 | Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, right eye |
| E13.3212 | Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, left eye |
| E13.3213 | Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, bilateral |
| E13.3291 | Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, right eye |
| E13.3292 | Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, left eye |
| E13.3293 | Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, bilateral |
| E13.3311 | Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, right eye |
| E13.3312 | Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, left eye |
| E13.3313 | Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, bilateral |
| E13.3391 | Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, right eye |
| E13.3392 | Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, left eye |
| E13.3393 | Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, bilateral |
| E13.3411 | Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, right eye |
| E13.3412 | Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, left eye |
| E13.3413 | Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, bilateral |
| E13.3491 | Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, right eye |
| E13.3492 | Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, left eye |



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| Code | Description |
|----------|--|
| E13.3493 | Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, bilateral |
| E13.3511 | Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema, right eye |
| E13.3512 | Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema, left eye |
| E13.3513 | Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema, bilateral |
| E13.3521 | Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye |
| E13.3522 | Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, left eye |
| E13.3523 | Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, bilateral |
| E13.3531 | Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, right eye |
| E13.3532 | Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, left eye |
| E13.3533 | Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, bilateral |
| E13.3541 | Other specified diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, right eye |
| E13.3542 | Other specified diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, left eye |
| E13.3543 | Other specified diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, bilateral |
| E13.3551 | Other specified diabetes mellitus with stable proliferative diabetic retinopathy, right eye |
| E13.3552 | Other specified diabetes mellitus with stable proliferative diabetic retinopathy, left eye |
| E13.3553 | Other specified diabetes mellitus with stable proliferative diabetic retinopathy, bilateral |
| E13.3591 | Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema, right eye |
| E13.3592 | Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema, left eye |
| E13.3593 | Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema, bilateral |
| E13.36 | Other specified diabetes mellitus with diabetic cataract |
| E13.37X1 | Other specified diabetes mellitus with diabetic macular edema, resolved following treatment, right eye |
| E13.37X2 | Other specified diabetes mellitus with diabetic macular edema, resolved following treatment, left eye |



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| Code | Description |
|----------|--|
| E13.37X3 | Other specified diabetes mellitus with diabetic macular edema, resolved following treatment, bilateral |
| E13.39 | Other specified diabetes mellitus with other diabetic ophthalmic complication |
| 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 |
| E13.43 | Other specified diabetes mellitus with diabetic autonomic (poly)neuropathy |
| E13.44 | Other specified diabetes mellitus with diabetic amyotrophy |
| E13.49 | Other specified diabetes mellitus with other diabetic neurological complication |
| E13.51 | Other specified diabetes mellitus with diabetic peripheral angiopathy without gangrene |
| E13.52 | Other specified diabetes mellitus with diabetic peripheral angiopathy with gangrene |
| E13.59 | Other specified diabetes mellitus with other circulatory complications |
| E13.610 | Other specified diabetes mellitus with diabetic neuropathic arthropathy |
| E13.618 | Other specified diabetes mellitus with other diabetic arthropathy |
| E13.620 | Other specified diabetes mellitus with diabetic dermatitis |
| E13.621 | Other specified diabetes mellitus with foot ulcer |
| E13.622 | Other specified diabetes mellitus with other skin ulcer |
| E13.628 | Other specified diabetes mellitus with other skin complications |
| E13.630 | Other specified diabetes mellitus with periodontal disease |
| E13.638 | Other specified diabetes mellitus with other oral complications |
| E13.641 | Other specified diabetes mellitus with hypoglycemia with coma |
| E13.649 | Other specified diabetes mellitus with hypoglycemia without coma |
| E13.65 | Other specified diabetes mellitus with hyperglycemia |
| E13.69 | Other specified diabetes mellitus with other specified complication |
| E13.8 | Other specified diabetes mellitus with unspecified complications |
| E13.9 | Other specified diabetes mellitus without complications |
| E15 | Nondiabetic hypoglycemic coma |
| E16.0 | Drug-induced hypoglycemia without coma |
| E16.1 | Other hypoglycemia |
| E16.2 | Hypoglycemia, unspecified |
| E16.3 | Increased secretion of glucagon |
| E16.8 | Other specified disorders of pancreatic internal secretion |
| E16.9 | Disorder of pancreatic internal secretion, unspecified |
| E31.0 | Autoimmune polyglandular failure |



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| Code | Description |
|----------------|--|
| E31.1 | Polyglandular hyperfunction |
| E31.20 | Multiple endocrine neoplasia [MEN] syndrome, unspecified |
| E31.21 | Multiple endocrine neoplasia [MEN] type I |
| E31.22 | Multiple endocrine neoplasia [MEN] type IIA |
| E31.23 | Multiple endocrine neoplasia [MEN] type IIB |
| E31.8 | Other polyglandular dysfunction |
| E31.9 | Polyglandular dysfunction, unspecified |
| E74.8 | Other specified disorders of carbohydrate metabolism |
| E79.0 | Hyperuricemia without signs of inflammatory arthritis and tophaceous disease |
| E83.10 | Disorder of iron metabolism, unspecified |
| E83.110 | Hereditary hemochromatosis |
| E83.111 | Hemochromatosis due to repeated red blood cell transfusions |
| E83.118 | Other hemochromatosis |
| E83.119 | Hemochromatosis, unspecified |
| E83.19 | Other disorders of iron metabolism |
| *E88.02 | *Plasminogen deficiency |
| E89.1 | Postprocedural hypoinsulinemia |
| H44.2E1 | Degenerative myopia with other maculopathy, right eye |
| H44.2E2 | Degenerative myopia with other maculopathy, left eye |
| H44.2E3 | Degenerative myopia with other maculopathy, bilateral eye |
| I21.9 | Acute myocardial infarction, unspecified |
| I21.A1 | Myocardial infarction type 2 |
| I21.A9 | Other myocardial infarction type |
| K86.0 | Alcohol-induced chronic pancreatitis |
| K86.1 | Other chronic pancreatitis |
| K91.2 | Postsurgical malabsorption, not elsewhere classified |
| L97.115 | Non-pressure chronic ulcer of right thigh with muscle involvement without evidence of necrosis |
| L97.116 | Non-pressure chronic ulcer of right thigh with bone involvement without evidence of necrosis |
| L97.118 | Non-pressure chronic ulcer of right thigh with other specified severity |
| L97.125 | Non-pressure chronic ulcer of left thigh with muscle involvement without evidence of necrosis |
| L97.126 | Non-pressure chronic ulcer of left thigh with bone involvement without evidence of necrosis |
| L97.128 | Non-pressure chronic ulcer of left thigh with other specified severity |

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| Code | Description |
|---------|--|
| L97.215 | Non-pressure chronic ulcer of right calf with muscle involvement without evidence of necrosis |
| L97.216 | Non-pressure chronic ulcer of right calf with bone involvement without evidence of necrosis |
| L97.218 | Non-pressure chronic ulcer of right calf with other specified severity |
| L97.225 | Non-pressure chronic ulcer of left calf with muscle involvement without evidence of necrosis |
| L97.226 | Non-pressure chronic ulcer of left calf with bone involvement without evidence of necrosis |
| L97.228 | Non-pressure chronic ulcer of left calf with other specified severity |
| L97.315 | Non-pressure chronic ulcer of right ankle with muscle involvement without evidence of necrosis |
| L97.316 | Non-pressure chronic ulcer of right ankle with bone involvement without evidence of necrosis |
| L97.318 | Non-pressure chronic ulcer of right ankle with other specified severity |
| L97.325 | Non-pressure chronic ulcer of left ankle with muscle involvement without evidence of necrosis |
| L97.326 | Non-pressure chronic ulcer of left ankle with bone involvement without evidence of necrosis |
| L97.328 | Non-pressure chronic ulcer of left ankle with other specified severity |
| L97.415 | Non-pressure chronic ulcer of right heel and midfoot with muscle involvement without evidence of necrosis |
| L97.416 | Non-pressure chronic ulcer of right heel and midfoot with bone involvement without evidence of necrosis |
| L97.418 | Non-pressure chronic ulcer of right heel and midfoot with other specified severity |
| L97.425 | Non-pressure chronic ulcer of left heel and midfoot with muscle involvement without evidence of necrosis |
| L97.426 | Non-pressure chronic ulcer of left heel and midfoot with bone involvement without evidence of necrosis |
| L97.428 | Non-pressure chronic ulcer of left heel and midfoot with other specified severity |
| L97.515 | Non-pressure chronic ulcer of other part of right foot with muscle involvement without evidence of necrosis |
| L97.516 | Non-pressure chronic ulcer of other part of right foot with bone involvement without evidence of necrosis |
| L97.518 | Non-pressure chronic ulcer of other part of right foot with other specified severity |
| L97.525 | Non-pressure chronic ulcer of other part of left foot with muscle involvement without evidence of necrosis |
| L97.526 | Non-pressure chronic ulcer of other part of left foot with bone involvement without evidence of necrosis |
| L97.528 | Non-pressure chronic ulcer of other part of left foot with other specified severity |
| L97.815 | Non-pressure chronic ulcer of other part of right lower leg with muscle involvement without evidence of necrosis |

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| Code | Description |
|---------|--|
| L97.816 | Non-pressure chronic ulcer of other part of right lower leg with bone involvement without evidence of necrosis |
| L97.818 | Non-pressure chronic ulcer of other part of right lower leg with other specified severity |
| L97.825 | Non-pressure chronic ulcer of other part of left lower leg with muscle involvement without evidence of necrosis |
| L97.826 | Non-pressure chronic ulcer of other part of left lower leg with bone involvement without evidence of necrosis |
| L97.828 | Non-pressure chronic ulcer of other part of left lower leg with other specified severity |
| L97.915 | Non-pressure chronic ulcer of unspecified part of right lower leg with muscle involvement without evidence of necrosis |
| L97.916 | Non-pressure chronic ulcer of unspecified part of right lower leg with bone involvement without evidence of necrosis |
| L97.918 | Non-pressure chronic ulcer of unspecified part of right lower leg with other specified severity |
| L97.925 | Non-pressure chronic ulcer of unspecified part of left lower leg with muscle involvement without evidence of necrosis |
| L97.926 | Non-pressure chronic ulcer of unspecified part of left lower leg with bone involvement without evidence of necrosis |
| L97.928 | Non-pressure chronic ulcer of unspecified part of left lower leg with other specified severity |
| L98.415 | Non-pressure chronic ulcer of buttock with muscle involvement without evidence of necrosis |
| L98.416 | Non-pressure chronic ulcer of buttock with bone involvement without evidence of necrosis |
| L98.418 | Non-pressure chronic ulcer of buttock with other specified severity |
| L98.425 | Non-pressure chronic ulcer of back with muscle involvement without evidence of necrosis |
| L98.426 | Non-pressure chronic ulcer of back with bone involvement without evidence of necrosis |
| L98.428 | Non-pressure chronic ulcer of back with other specified severity |
| L98.495 | Non-pressure chronic ulcer of skin of other sites with muscle involvement without evidence of necrosis |
| L98.496 | Non-pressure chronic ulcer of skin of other sites with bone involvement without evidence of necrosis |
| O24.011 | Pre-existing type 1 diabetes mellitus, in pregnancy, first trimester |
| O24.012 | Pre-existing type 1 diabetes mellitus, in pregnancy, second trimester |
| O24.013 | Pre-existing type 1 diabetes mellitus, in pregnancy, third trimester |
| O24.019 | Pre-existing type 1 diabetes mellitus, in pregnancy, unspecified trimester |
| O24.03 | Pre-existing type 1 diabetes mellitus, in the puerperium |
| O24.111 | Pre-existing type 2 diabetes mellitus, in pregnancy, first trimester |
| O24.112 | Pre-existing type 2 diabetes mellitus, in pregnancy, second trimester |
| O24.113 | Pre-existing type 2 diabetes mellitus, in pregnancy, third trimester |
| O24.119 | Pre-existing type 2 diabetes mellitus, in pregnancy, unspecified trimester |

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| Code | Description |
|-----------------|--|
| O24.13 | Pre-existing type 2 diabetes mellitus, in the puerperium |
| O24.311 | Unspecified pre-existing diabetes mellitus in pregnancy, first trimester |
| O24.312 | Unspecified pre-existing diabetes mellitus in pregnancy, second trimester |
| O24.313 | Unspecified pre-existing diabetes mellitus in pregnancy, third trimester |
| O24.319 | Unspecified pre-existing diabetes mellitus in pregnancy, unspecified trimester |
| O24.33 | Unspecified pre-existing diabetes mellitus in the puerperium |
| O24.410 | Gestational diabetes mellitus in pregnancy, diet controlled |
| O24.414 | Gestational diabetes mellitus in pregnancy, insulin controlled |
| O24.419 | Gestational diabetes mellitus in pregnancy, unspecified control |
| O24.430 | Gestational diabetes mellitus in the puerperium, diet controlled |
| O24.434 | Gestational diabetes mellitus in the puerperium, insulin controlled |
| O24.439 | Gestational diabetes mellitus in the puerperium, unspecified control |
| O24.811 | Other pre-existing diabetes mellitus in pregnancy, first trimester |
| O24.812 | Other pre-existing diabetes mellitus in pregnancy, second trimester |
| O24.813 | Other pre-existing diabetes mellitus in pregnancy, third trimester |
| O24.819 | Other pre-existing diabetes mellitus in pregnancy, unspecified trimester |
| O24.83 | Other pre-existing diabetes mellitus in the puerperium |
| O24.911 | Unspecified diabetes mellitus in pregnancy, first trimester |
| O24.912 | Unspecified diabetes mellitus in pregnancy, second trimester |
| O24.913 | Unspecified diabetes mellitus in pregnancy, third trimester |
| O24.919 | Unspecified diabetes mellitus in pregnancy, unspecified trimester |
| O24.93 | Unspecified diabetes mellitus in the puerperium |
| *O30.131 | *Triplet pregnancy, trichorionic/triamniotic, first trimester |
| *O30.132 | *Triplet pregnancy, trichorionic/triamniotic, second trimester |
| *O30.133 | *Triplet pregnancy, trichorionic/triamniotic, third trimester |
| *O30.139 | *Triplet pregnancy, trichorionic/triamniotic, unspecified trimester |
| *O30.231 | *Quadruplet pregnancy, quadrachorionic/quadra-amniotic, first trimester |
| *O30.232 | *Quadruplet pregnancy, quadrachorionic/quadra-amniotic, second trimester |
| *O30.233 | *Quadruplet pregnancy, quadrachorionic/quadra-amniotic, third trimester |
| *O30.239 | *Quadruplet pregnancy, quadrachorionic/quadra-amniotic, unspecified trimester |
| *O30.831 | *Other specified multiple gestation, number of chorions and amnions are both equal to the number of fetuses, first trimester |
| *O30.832 | *Other specified multiple gestation, number of chorions and amnions are both equal to the number of fetuses, second trimester |



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| *O30.833 | *Other specified multiple gestation, number of chorions and amnions are both equal to the number of fetuses, third trimester |
| *O30.839 | *Other specified multiple gestation, number of chorions and amnions are both equal to the number of fetuses, unspecified trimester |
| O99.810 | Abnormal glucose complicating pregnancy |
| O99.815 | Abnormal glucose complicating the puerperium |
| R73.01 | Impaired fasting glucose |
| R73.02 | Impaired glucose tolerance (oral) |
| R73.03 | Prediabetes |
| R73.09 | Other abnormal glucose |
| R73.9 | Hyperglycemia, unspecified |
| R78.71 | Abnormal lead level in blood |
| R78.79 | Finding of abnormal level of heavy metals in blood |
| R78.89 | Finding of other specified substances, not normally found in blood |
| R79.0 | Abnormal level of blood mineral |
| R79.89 | Other specified abnormal findings of blood chemistry |
| R79.9 | Abnormal finding of blood chemistry, unspecified |
| T38.3X1A | Poisoning by insulin and oral hypoglycemic [antidiabetic] drugs, accidental (unintentional), initial encounter |
| T38.3X2A | Poisoning by insulin and oral hypoglycemic [antidiabetic] drugs, intentional self-harm, initial encounter |
| T38.3X3A | Poisoning by insulin and oral hypoglycemic [antidiabetic] drugs, assault, initial encounter |
| T38.3X4A | Poisoning by insulin and oral hypoglycemic [antidiabetic] drugs, undetermined, initial encounter |
| Z79.3 | Long term (current) use of hormonal contraceptives |
| Z79.4 | Long term (current) use of insulin |
| Z79.84 | Long term (current) use of oral hypoglycemic drugs |
| Z79.891 | Long term (current) use of opiate analgesic |
| Z79.899 | Other long term (current) drug therapy |
| Z86.2 | Personal history of diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism |
| Z86.31 | Personal history of diabetic foot ulcer |
| Z86.32 | Personal history of gestational diabetes |
| Z86.39 | Personal history of other endocrine, nutritional and metabolic disease |



Indications

Glycated hemoglobin/protein testing is accepted as medically necessary for management and control of diabetes and to assess hyperglycemia, a history of hyperglycemia or dangerous hypoglycemia. Glycated protein testing may be used in place of glycated hemoglobin in the management of diabetic patients, and is useful in patients with abnormalities of erythrocytes such as hemolytic anemia or hemoglobinopathies.

Limitations

It is not reasonable and necessary to perform glycated hemoglobin tests more often than every three months on a controlled diabetic patient to determine if the patient's metabolic control has been on average within the target range. It is not reasonable and necessary for these tests to be performed more frequently than once a month for diabetic pregnant women. Testing for uncontrolled type one or two diabetes mellitus may require testing more than four times a year. The above Description Section provides the clinical basis for those situations in which testing more frequently than four times per annum is indicated, and medical necessity documentation must support such testing in excess of the above guidelines.

Many analytical methods of glycated hemoglobin show interference from elevated levels of fetal hemoglobin or by variant hemoglobin molecules. When the glycated hemoglobin assay is initially performed in these patients, the laboratory may inform the ordering physician of a possible analytical interference. Alternative testing, including glycated protein, for example, fructosamine, may be indicated for monitoring the degree of glycemic control. It is therefore conceivable that a patient will have both a glycated hemoglobin and glycated protein ordered on the same day. This should be limited to the initial assay of glycated hemoglobin, with subsequent exclusive use of glycated protein. These tests are not considered to be medically necessary for the diagnosis of diabetes.

ICD-10-CM Codes That Do Not Support Medical Necessity

Any ICD-10-CM code not listed in either of the ICD-10-CM covered or non-covered sections.

Sources of Information

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