

## Vitamin D Testing

### CIGNA MEDICAL COVERAGE POLICY

Cigna has issued a medical coverage policy [0526] applicable to Vitamin D testing, CPT Code 82306, 82652 and 0038U. The full text of the guideline for Vitamin D Testing is [available online](#). This Reference Guide sets forth excerpts of key information from the guideline, which PDL believes can assist providers to determine:

- (1) whether Vitamin D Testing is medically appropriate for your patient
- (2) circumstances and diagnoses for which Cigna will pay for Vitamin D Testing

The Reference Guide also sets forth (pages 9-14) ICD-10-CM Codes commonly used for Vitamin D Testing

The list of ICD codes provided below consists of *commonly utilized diagnosis codes*.

- To view the Cigna full guideline for Vitamin D Testing visit the following website:  
[https://static.cigna.com/assets/chcp/pdf/coveragePolicies/medical/mm\\_0526\\_coveragepositioncriteria\\_vitamin\\_D\\_testing.pdf](https://static.cigna.com/assets/chcp/pdf/coveragePolicies/medical/mm_0526_coveragepositioncriteria_vitamin_D_testing.pdf)
- It is the responsibility of the ordering provider to ensure appropriate diagnostic coding for a test.

### COVERAGE INDICATIONS, LIMITATIONS, AND/OR MEDICAL NECESSITY

The following Coverage Policy applies to health benefit plans administered by Cigna Companies. Coverage Policies are intended to provide guidance in interpreting certain standard benefit plans administered by Cigna Companies. This Coverage Policy #0526 addresses serum Vitamin D testing.

Vitamin D testing is considered medically necessary in a non-pregnant individual age 18 – 64 years for any of the following:

- condition or medical diagnosis associated with Vitamin D deficiency (See Appendix A)
- previously documented Vitamin D deficiency
- known or suspected excessive Vitamin D blood levels (i.e., toxicity)

Vitamin D testing for any other indication including screening in the general population is considered not medically necessary.

Vitamin D testing (CPT® 82306) more frequently than twice in 12 rolling months is considered not medically necessary for any diagnosis other than chronic kidney disease (CKD) or intestinal malabsorption.

Vitamin D testing utilizing both CPT® 82306 and CPT® 82652 in combination is considered not medically necessary.

#### **Clinical Indications:**

Condition or medical diagnosis associated with Vitamin D deficiency:

- Osteomalacia
- Osteoporosis
- Rickets
- Chronic kidney disease
- Hepatic failure
- Malabsorption syndromes: — Cystic fibrosis — Inflammatory bowel disease — Crohn's disease — Bariatric surgery — Radiation enteritis

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**COVERAGE INDICATIONS, LIMITATIONS, AND/OR MEDICAL NECESSITY, Continued**

- Hyperparathyroidism
- Medications: → Antiseizure medications → Glucocorticoids → AIDS/HIV medications → Antifungals, e.g. ketoconazole → Cholestyramine
- Older adults with history of falls
- Older adults with history of nontraumatic fractures
- Granuloma-forming disorders: → Sarcoidosis → Tuberculosis → Histoplasmosis → Coccidiomycosis → Berylliosis
- Lymphomas

*The following codes for treatments and procedures applicable to this guideline are included below for informational purposes. Inclusion or exclusion of a procedure, diagnosis or device code(s) does not constitute or imply member coverage or provider reimbursement policy. Please refer to the member's contract benefits in effect at the time of service to determine coverage or non-coverage of these services as it applies to an individual member.*

Note: 1) This list of codes may not be all-inclusive. 2) Deleted codes and codes which are not effective at the time the service is rendered may not be eligible for reimbursement. 3) ICD10 codes are split into two sections below; those for CPT Codes 82306 and 0038U and a separate and distinct set for ICD10 Code 82652.

ICD10 CODES Considered Medically Necessary when criteria in the applicable policy statements listed above are met:

**REMINDER:**

**The ordering provider is solely responsibility for assigning diagnosis (codes) for Vitamin D Testing. PDL does not – through this Reference Guide or otherwise – recommend any particular diagnosis codes. PDL will submit to Cigna only the diagnosis (codes) provided to PDL by the ordering provider and/or his/her authorized staff.**

**ICD-10-CM Codes commonly used for Vitamin D Testing (CPT 82306, 0038U)**

- 82306 Vitamin D; 25 hydroxy, includes fraction(s), if performed
- 0038U Vitamin D, 25 hydroxy D2 and D3, by LC-MS/MS, serum microsample, quantitative

CODE	DESCRIPTION
A15.0-A19.9	Tuberculosis
C22.0-C22.9	Malignant neoplasm of liver and intrahepatic bile ducts
C23	Malignant neoplasm of gallbladder
C24.0-C24.9	Malignant neoplasm of other and unspecified parts of biliary tract
C25.0-C25.9	Malignant neoplasm of pancreas
C26.0-C26.9	Malignant neoplasm of other and ill-defined digestive organs
D13.0-D13.9	Benign neoplasm of other and ill-defined parts of digestive system
D86.0-D86.89	Sarcoidosis
E20.0	Idiopathic hypoparathyroidism
E20.8	Other hypoparathyroidism
E20.9	Hypoparathyroidism, unspecified
E21.0-E21.5	Hyperparathyroidism and other disorders of parathyroid gland
E24.0	Pituitary-dependent Cushing's disease
E24.1	Nelson's syndrome
E24.2	Drug-induced Cushing's syndrome

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COVERAGE INDICATIONS, LIMITATIONS, AND/OR MEDICAL NECESSITY, Continued for 82306, 0038U

<b>CODE</b>	<b>DESCRIPTION</b>
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
E41	Nutritional marasmus
E55.0-E55.9	Vitamin D deficiency
E64.3	Sequelae of rickets
E67.2	Megavitamin-B6 syndrome
E67.3	Hypervitaminosis D
E67.8	Other specified hyperalimentation
E68	Sequelae of hyperalimentation
E83.30-E83.39	Disorders of phosphorus metabolism and phosphatases
E83.50-E83.59	Disorders of calcium metabolism
E84.0-E84.9	Cystic fibrosis
E89.2	Postprocedural hypoparathyroidism
K50.00-K50.919	Crohn's disease [regional enteritis]
K51.00-K51.919	Ulcerative colitis
K52.0	Gastroenteritis and colitis due to radiation
K70.2	Alcoholic fibrosis and sclerosis of liver
K70.30-K70.31	Alcoholic cirrhosis of liver
K74.0-K74.69	Fibrosis and cirrhosis of liver
K75.81	Nonalcoholic steatohepatitis (NASH)
K76.0	Fatty (change of) liver, not elsewhere classified
K76.89	Other specified diseases of liver
K82.0	Obstruction of gallbladder
K82.8	Other specified diseases of gallbladder
K82.9	Disease of gallbladder, unspecified
K83.01-K83.9	Other diseases of biliary tract
K85.10-K85.12	Biliary acute pancreatitis
K86.2	Cyst of pancreas
K86.3	Pseudocyst of pancreas
K86.81-K86.89	Other specified diseases of pancreas
K86.9	Disease of pancreas, unspecified
K87	Disorders of gallbladder, biliary tract and pancreas in diseases classified elsewhere
K90.0-K90.49	Intestinal malabsorption
K90.89	Other intestinal malabsorption
K90.9	Intestinal malabsorption, unspecified
K91.2	Postsurgical malabsorption, not elsewhere classified
L90.0	Lichen sclerosus et atrophicus
L94.0	Localized scleroderma [morphea]
L94.1	Linear scleroderma
L94.3	Sclerodactyly
M05.00-M05.9	Rheumatoid arthritis with rheumatoid factor
M06.00-M06.9	Other rheumatoid arthritis
M32.0-M32.9	Systemic lupus erythematosus (SLE)
M33.01-M33.09	Juvenile dermatomyositis

## Vitamin D Testing

COVERAGE INDICATIONS, LIMITATIONS, AND/OR MEDICAL NECESSITY, Continued for 82306, 0038U

<b>CODE</b>	<b>DESCRIPTION</b>
M33.11-M33.19	Other dermatomyositis
M33.91-M33.99	Dermatopolymyositis
M36.0	Dermato(poly)myositis in neoplastic disease
M80.011A-M80.012S	Age-related osteoporosis with current pathological fracture, shoulder
M80.021A-M80.022S	Age-related osteoporosis with current pathological fracture, humerus
M80.031A-M80.0-2S	Age-related osteoporosis with current pathological fracture, forearm
M80.041A-M80.042S	Age-related osteoporosis with current pathological fracture, hand
M80.051A-M80.052S	Age-related osteoporosis with current pathological fracture, femur
M80.061A-M80.062S	Age-related osteoporosis with current pathological fracture, lower leg
M80.071A-M80.072S	Age-related osteoporosis with current pathological fracture, ankle and foot
M80.08XA-M80.08XS	Age-related osteoporosis with current pathological fracture, vertebra(e)
M80.811A-M80.812S	Other osteoporosis with current pathological fracture, shoulder
M80.821A-M80.822S	Other osteoporosis with current pathological fracture, humerus
M80.831A-M80.832S	Other osteoporosis with current pathological fracture, forearm
M80.841A-M80.842S	Other osteoporosis with current pathological fracture, hand
M80.851A-M80.852S	Other osteoporosis with current pathological fracture, femur
M80.861A-M80.862S	Other osteoporosis with current pathological fracture, lower leg
M80.871A-M80.872S	Other osteoporosis with current pathological fracture, ankle and foot
M80.88XA-M80.88XS	Other osteoporosis with current pathological fracture, vertebra(e)
M81.0-M81.8	Osteoporosis without current pathological fracture
M83.0-M83.9	Adult osteomalacia
M85.80	Other specified disorders of bone density and structure, unspecified site
M85.811	Other specified disorders of bone density and structure, right shoulder
M85.812	Other specified disorders of bone density and structure, left shoulder
M85.821	Other specified disorders of bone density and structure, right upper arm
M85.822	Other specified disorders of bone density and structure, left upper arm
M85.831	Other specified disorders of bone density and structure, right forearm
M85.832	Other specified disorders of bone density and structure, left forearm
M85.841	Other specified disorders of bone density and structure, right hand
M85.842	Other specified disorders of bone density and structure, left hand
M85.851	Other specified disorders of bone density and structure, right thigh
M85.852	Other specified disorders of bone density and structure, left thigh
M85.861	Other specified disorders of bone density and structure, right lower leg
M85.862	Other specified disorders of bone density and structure, left lower leg
M85.871	Other specified disorders of bone density and structure, right ankle and foot
M85.872	Other specified disorders of bone density and structure, left ankle and foot
M85.88	Other specified disorders of bone density and structure, other site
M85.89	Other specified disorders of bone density and structure, multiple sites
M85.9	Disorder of bone density and structure, unspecified
M88.0	Osteitis deformans of skull
M88.1	Osteitis deformans of vertebrae
M88.811	Osteitis deformans of right shoulder
M88.812	Osteitis deformans of left shoulder
M88.821	Osteitis deformans of right upper arm
M88.822	Osteitis deformans of left upper arm
M88.831	Osteitis deformans of right forearm
M88.832	Osteitis deformans of left forearm

## Vitamin D Testing

**COVERAGE INDICATIONS, LIMITATIONS, AND/OR MEDICAL NECESSITY, Continued for 82306, 0038U**

<b>CODE</b>	<b>DESCRIPTION</b>
M88.841	Osteitis deformans of right hand
M88.842	Osteitis deformans of left hand
M88.851	Osteitis deformans of right thigh
M88.852	Osteitis deformans of left thigh
M88.861	Osteitis deformans of right lower leg
M88.862	Osteitis deformans of left lower leg
M88.871	Osteitis deformans of right ankle and foot
M88.872	Osteitis deformans of left ankle and foot
M88.88	Osteitis deformans of other bones
M88.89	Osteitis deformans of multiple sites
M88.9	Osteitis deformans of unspecified bone
N18.1 -N18.9	Chronic kidney disease (CKD)
N25.81	Secondary hyperparathyroidism of renal origin
O99.841-O99.845	Bariatric surgery status complicating pregnancy, childbirth and the puerperium
Q78.0	Osteogenesis imperfecta
Q78.2	Osteopetrosis
T30.0-T30.4	Burn and corrosion, body region unspecified
Z32.00-Z32.3	Encounter for pregnancy test and childbirth and childcare instruction
Z33.1-Z33.3	Pregnant state
Z34.00-Z34.93	Encounter for supervision of normal pregnancy
Z36.0-Z36.9	Encounter for antenatal screening of mother
Z3A.00-Z3A.49	Weeks of gestation
Z37.0-Z37.9	Outcome of delivery
Z38.00-Z38.8	Liveborn infants according to place of birth and type of delivery
Z39.0-Z39.2	Encounter for maternal postpartum care and examination
Z79.3	Long term (current) use of hormonal contraceptives
Z79.51-Z79.52	Long term (current) use of steroids
Z79.811	Long term (current) use of aromatase inhibitors
Z79.891	Long term (current) use of opiate analgesic
Z79.899	Other long term (current) drug therapy
Z98.84	Bariatric surgery status

**ICD-10-CM Codes commonly used for Vitamin D Testing (CPT 82652)**

82652 Vitamin D; 1, 25 dihydroxy, includes fraction(s), if performed

<b>CODE</b>	<b>DESCRIPTION</b>
A15.0-A19.9	Tuberculosis
C83.80-C83.89	Other non-follicular lymphoma
C84.00-C84.09	Mycosis fungoides
C84.10-C84.19	Sezary disease
C88.4	Extranodal marginal zone B-cell lymphoma of mucosa-associated lymphoid tissue [MALT lymphoma]
D86.0-D86.89	Sarcoidosis
E20.0	Idiopathic hypoparathyroidism
E20.8	Other hypoparathyroidism

## Vitamin D Testing

**COVERAGE INDICATIONS, LIMITATIONS, AND/OR MEDICAL NECESSITY, Continued for 82652**

<b>CODE</b>	<b>DESCRIPTION</b>
E20.9	Hypoparathyroidism, unspecified
E21.0-E21.5	Hyperparathyroidism and other disorders of parathyroid gland
E55.0-E55.9	Vitamin D deficiency
E64.3	Sequelae of rickets
E67.2	Megavitamin-B6 syndrome
E67.8	Other specified hyperalimentation
E68	Sequelae of hyperalimentation
E83.30-E83.39	Disorders of phosphorus metabolism and phosphatases
E83.50-E83.59	Disorders of calcium metabolism
E89.2	Postprocedural hypoparathyroidism
M83.0-M83.9	Adult osteomalacia
N18.2-N18.9	Chronic kidney disease (CKD)
N25.81	Secondary hyperparathyroidism of renal origin
Q78.0	Osteogenesis imperfecta
Q78.2	Osteopetrosis
Z32.00-Z32.3	Encounter for pregnancy test and childbirth and childcare instruction
Z33.1-Z33.3	Pregnant state
Z34.00-Z34.93	Encounter for supervision of normal pregnancy
Z36.0-Z36.9	Encounter for antenatal screening of mother
Z3A.00-Z3A.49	Weeks of gestation
Z37.0-Z37.9	Outcome of delivery
Z38.00-Z38.8	Liveborn infants according to place of birth and type of delivery
Z39.0-Z39.2	Encounter for maternal postpartum care and examination