

Interpretation of Endocrine Society Guidelines

ICD-10-CM codes indicated for 25-hydroxy vitamin D [25(OH)D] measurement

The Endocrine Society has released clinical practice guidelines¹ for evaluating vitamin D status in people at high risk for deficiency. Some Medicare, Medicaid, and commercial health plans recognize these guidelines as medically necessary reasons to order vitamin D testing. Below are the ICD-10 codes that are consistent with these guidelines.

Indications for 25(OH)D measurement	Code(s)
Chronic kidney disease	N18.1, N18.2, N18.3, N18.4, N18.5, N18.6, N18.9
Hepatic failure	K72.00, K72.01, K72.10, K72.11, K72.90, K72.91
Hyperparathyroidism	E21.0, E21.1, E21.2, E21.3, E21.4, E21.5
Obese children and adults (BMI > 30 kg/m ²)	E66.01, E66.09, E66.1, E66.9, Z68.30 through Z68.39, Z68.41 through Z68.45, Z68.53, Z68.54
Osteomalacia	M83.0, M83.1, M83.2, M83.3, M83.5, M83.8, M83.9, M83.32
Osteoporosis	M80.00XA through M80.88XS, M81.0, M81.6, M81.8
Rickets	E55.0
Vitamin D deficiency, unspecified	E55.9
Malabsorption syndromes	
Bariatric surgery	Z98.84
Crohn's disease	K50.00 through K50.919
Cystic fibrosis	E84.0, E84.11, E84.19, E84.8, E84.9
Inflammatory bowel disease	K58.0, K58.1, K58.2, K58.8, K58.9
Radiation enteritis	K52.0
Medications	
AIDS medications	Z79.899
Antifungals, eg, ketoconazole	
Antiseizure medications	
Cholestyramine	
Glucocorticoids	
Granuloma-forming disorders	
Berylliosis	J63.2
Coccidiomycosis	B38.0 through B38.4, B38.7, B38.81, B38.89, B38.9
Histoplasmosis	B39.0, B39.1 through B39.5
Sarcoidosis	D86.0, D86.1, D86.2, D86.3, D86.81 through D86.87, D86.89, D86.9
Tuberculosis	A15.0, A15.4 through A15.9

Demographics

- African-American and Hispanic children and adults
- Older adults with a history of nontraumatic fractures
- Pregnant and lactating women
- Older adults with a history of falls

¹ Holick MF, Binkley NC, Bischoff-Ferrari HA, et al. Evaluation, treatment, and prevention of vitamin D deficiency: an Endocrine Society Clinical Practice Guideline. *J Clin Endocrinol Metab.* 2011;96(7):1911-1930.

This is intended to aid in understanding coverage limitations of vitamin D testing according to the Endocrine Society. This list was compiled from the ICD-10-CM 2020 AMA manual, but is not a complete list. An ICD-10-CM book should be used as a complete reference. Diagnoses must always be documented in the patient's medical record. The ultimate responsibility belongs to the ordering physician to correctly assign the patient's diagnosis based on the patient's history, symptoms, and medical condition.