

November  
2023



Client Communication

## Medicare Local Coverage Determination Policy: CGS

### Coverage Policy

#### L37126 - Coenzyme Q10 (CoQ10)

CPT: 82542

Revision Effective Date: 02/01/2024

#### Coverage Indications, Limitations, and/or Medical Necessity

This is a non-coverage policy for serum or other body fluid testing for levels of Coenzyme Q10 (CoQ10 or Q10), also known as ubiquinone, ubiquinone, coenzyme Q, for all diseases. Q10 supplementation is purported to:

- Prolong life and prevent age-related functional declines
- Inhibit the development and/or progression of atherosclerosis
- Have value as an adjunct to conventional medical therapy in the treatment of congestive heart failure, conventional angina therapy, and cancer
- Is protective against myocardial damage during ischemia-reperfusion during cardiac surgery
- Is beneficial in the treatment of hypertension, cardiovascular disease and diabetes
- Plays a role in neurodegenerative diseases, such as Parkinson's disease, Huntington's disease, Friedreich's ataxia
- Enhance athletic performance
- Enhance fertility

However, scientific indications for Q10 supplementation, except as anecdotally reported for rare mitochondrial encephalomyopathies, are poor and/or controversial, as are indications for Q10 testing by any methodology.

Q10 is a highly lipophilic molecule with a chemical structure similar to vitamin K. Its most prominent role is to facilitate the production of adenosine triphosphate (ATP) in the mitochondria by participating in redox reactions within the electron transport chain. Two major factors lead to deficiency of Q10 in humans: reduced biosynthesis and increased

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Diagnosis codes must be applicable to the patient's symptoms or conditions and must be consistent with the patient's medical record. Sonic Healthcare does not recommend any diagnosis codes and will only submit diagnosis information provided to us by the ordering physician or his/her designated staff.

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use by the body. As many as 12 genes control biosynthesis; Q10 levels may also be controlled by other genetic defects not directly related to Q10 biosynthesis.

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### CPT: 82542

The ICD10 codes listed below are the top 40 diagnosis codes Sonic most commonly receives from ordering physicians for this limited-coverage test. Medicare supports provider utilization of all the diagnosis codes listed below, except those notated in bold. If you are providing a diagnosis code that is **bolded** below, please submit a valid ABN form with the order. To view the complete policy and the full list of medically supported diagnosis codes, please refer to the CMS website for guidance:

<https://www.cms.gov/medicare-coverage-database/search.aspx>

Code	Description
<b>E03.9</b>	<b>Hypothyroidism, Unspecified</b>
E55.9	Vitamin D deficiency, unspecified
Z79.899	Other long term (current) drug therapy
R53.83	Other Fatigue
E27.8	Other specified disorders of adrenal gland
R73.9	Hyperglycemia, unspecified
C85.90	Non-Hodgkin lymphoma, unspecified, unspecified site
Z74.09	Other reduced mobility
R00.1	Bradycardia, unspecified
E11.65	Type 2 diabetes mellitus with hyperglycemia
R17	Unspecified jaundice
E34.9	Endocrine disorder, unspecified
R63.5	Abnormal weight gain
R87.1	Abnormal level of hormones in specimens from female genital organs
D64.9	Anemia, Unspecified
R94.7	Abnormal results of other endocrine function studies
Z11.3	Encounter for screening for infections with a predominantly sexual mode of transmission
E56.9	Vitamin deficiency, unspecified
Z79.890	Hormone replacement therapy
E61.1	Iron deficiency
B37.82	Candidal enteritis
I10	Essential (primary) hypertension

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