Cavernous Nerves by Electrical Stimulation with Penile Plethysmography (NCD 160.26)

Guideline Number: MPG044.07
Approval Date: July 14, 2021

Terms and Conditions

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Related Medicare Advantage Coverage Summary

- Impotence Treatment

Policy Summary

See Purpose

Overview

In nerve-sparing prostatic and colorectal surgical procedures, the assessment of the function of the cavernous nerves by direct application of electrical stimulation with penile plethysmography is a diagnostic test, also referred to as cavernosal nerve mapping, which may be performed to assess the integrity of the cavernous nerves. Through an open or laparoscopic procedure, the surgeon may want to assess the function of the cavernous nerves by stimulating the most distal end of the nerve that can be located by using an electrical nerve stimulator. The presence of a response and the degree of the response may be used to provide the surgeon with a more realistic assessment of the chance of the patient regaining potency and assist in choosing appropriate therapy.

Guidelines

Cavernous Nerves Electrical Stimulation with penile plethysmography is non-covered by Medicare. The evidence was reviewed and it was determined that this test is not reasonable and necessary for beneficiaries undergoing nerve-sparing prostatic or colorectal surgical procedures. Also see NCD 20.14 Plethysmography.

Applicable Codes

The following list(s) of procedure and/or diagnosis codes is provided for reference purposes only and may not be all inclusive. Listing of a code in this guideline does not imply that the service described by the code is a covered or non-covered health service. Benefit coverage for health services is determined by the member specific benefit plan document and applicable laws that may require coverage for a specific service. The inclusion of a code does not imply any right to reimbursement or guarantee claim payment. Other Policies and Guidelines may apply.

CPT Code	Description
54240	Penile plethysmography
55899	Unlisted procedure, male genital system

References

CMS National Coverage Determinations (NCDs)

NCD 160.26 Cavernous Nerves by Electrical Stimulation with Penile Plethysmography
Reference NCD: NCD 20.14 Plethysmography
NCD 230.4 Diagnosis and Treatment of Impotence

CMS Local Coverage Determinations (LCDs) and Articles

LCD	Article	Contractor	Medicare Part A	Medicare Part B
N/A	A57742 Billing and Coding: National Noncovered Services	First Coast	FL, PR, VI	FL, PR, VI

Guideline History/Revision Information

Revisions to this summary document do not in any way modify the requirement that services be provided and documented in accordance with the Medicare guidelines in effect on the date of service in question.

Date	Summary of Changes
07/14/2021	Supporting Information • Updated *References* section to reflect the most current information; no change to guidelines • Archived previous policy version MPG044.06

Purpose

The Medicare Advantage Policy Guideline documents are generally used to support UnitedHealthcare Medicare Advantage claims processing activities and facilitate providers' submission of accurate claims for the specified services. The document can be used as a guide to help determine applicable:

- Medicare coding or billing requirements, and/or
- Medical necessity coverage guidelines; including documentation requirements.

UnitedHealthcare follows Medicare guidelines such as NCDs, LCDs, LCAs, and other Medicare manuals for the purposes of determining coverage. It is expected providers retain or have access to appropriate documentation when requested to support coverage. Please utilize the links in the References section below to view the Medicare source materials used to develop this resource document. This document is not a replacement for the Medicare source materials that outline Medicare coverage requirements. Where there is a conflict between this document and Medicare source materials, the Medicare source materials will apply.

Terms and Conditions

The Medicare Advantage Policy Guidelines are applicable to UnitedHealthcare Medicare Advantage Plans offered by UnitedHealthcare and its affiliates.

These Policy Guidelines are provided for informational purposes, and do not constitute medical advice. Treating physicians and healthcare providers are solely responsible for determining what care to provide to their patients. Members should always consult their physician before making any decisions about medical care.

Benefit coverage for health services is determined by the member specific benefit plan document* and applicable laws that may require coverage for a specific service. The member specific benefit plan document identifies which services are covered, which are excluded, and which are subject to limitations. In the event of a conflict, the member specific benefit plan document supersedes the Medicare Advantage Policy Guidelines.

Medicare Advantage Policy Guidelines are developed as needed, are regularly reviewed and updated, and are subject to change. They represent a portion of the resources used to support UnitedHealthcare coverage decision making. UnitedHealthcare may modify these Policy Guidelines at any time by publishing a new version of the policy on this website. Medicare source materials used to develop these guidelines include, but are not limited to, CMS National Coverage Determinations (NCDs), Local Coverage Determinations (LCDs), Medicare Benefit Policy Manual, Medicare Claims Processing Manual, Medicare Program Integrity Manual, Medicare Managed Care Manual, etc. The information presented in the Medicare Advantage Policy Guidelines is believed to be accurate and current as of the date of publication and is provided on an "AS IS" basis. Where there is a conflict between this document and Medicare source materials, the Medicare source materials will apply.

You are responsible for submission of accurate claims. Medicare Advantage Policy Guidelines are intended to ensure that coverage decisions are made accurately based on the code or codes that correctly describe the health care services provided. UnitedHealthcare Medicare Advantage Policy Guidelines use Current Procedural Terminology (CPT®), Centers for Medicare and Medicaid Services (CMS), or other coding guidelines. References to CPT® or other sources are for definitional purposes only and do not imply any right to reimbursement or guarantee claims payment.

*For more information on a specific member's benefit coverage, please call the customer service number on the back of the member ID card or refer to the Administrative Guide.