

Policy: MP040

Section: Medical Benefit Policy

Subject: Somnoplasty™, Coblation™ (Radiofrequency Ablation)

I. Policy: Somnoplasty™, Coblation™ (Radiofrequency Ablation)

II. Purpose/Objective:

To provide a policy of coverage regarding Somnoplasty™, Coblation™ (Radiofrequency Ablation)

III. Responsibility:

- A. Medical Directors
- B. Medical Management

IV. Required Definitions

1. Attachment – a supporting document that is developed and maintained by the policy writer or department requiring/authoring the policy.
2. Exhibit – a supporting document developed and maintained in a department other than the department requiring/authoring the policy.
3. Devised – the date the policy was implemented.
4. Revised – the date of every revision to the policy, including typographical and grammatical changes.
5. Reviewed – the date documenting the annual review if the policy has no revisions necessary.

V. Additional Definitions

Medical Necessity or Medically Necessary means Covered Services rendered by a Health Care Provider that the Plan determines are:

- a. appropriate for the symptoms and diagnosis or treatment of the Member's condition, illness, disease or injury;
- b. provided for the diagnosis, and the direct care and treatment of the Member's condition, illness disease or injury;
- c. in accordance with current standards of good medical treatment practiced by the general medical community.
- d. not primarily for the convenience of the Member, or the Member's Health Care Provider; and
- e. the most appropriate source or level of service that can safely be provided to the Member. When applied to hospitalization, this further means that the Member requires acute care as an inpatient due to the nature of the services rendered or the Member's condition, and the Member cannot receive safe or adequate care as an outpatient.

Medicaid Business Segment

Medical Necessity shall mean a service or benefit that is compensable under the Medical Assistance Program and if it meets any one of the following standards:

- (i) The service or benefit will, or is reasonably expected to, prevent the onset of an illness, condition or disability.
- (ii) The service or benefit will, or is reasonably expected to, reduce or ameliorate the physical, mental or development effects of an illness, condition, injury or disability.

- (iii) The service or benefit will assist the Member to achieve or maintain maximum functional capacity in performing daily activities, taking into account both the functional capacity of the Member and those functional capacities that are appropriate for members of the same age.

DESCRIPTION:

Somnoplasty utilizes low-power, low-temperature radiofrequency energy as a treatment for nasal airway obstruction, obstructive sleep apnea and/or snoring. By means of a partially insulated electrode, radiofrequency energy is delivered into the soft palate, uvula and/or turbinates, through the submucosal tissue to make one or several coagulation lesions. The treated tissue is naturally absorbed over the following several weeks, thus reducing tissue volume.

Coblation is a method of non-thermal volumetric tissue removal through molecular dissociation, using the electrically conductive fluid employed in the gap between the electrode and tissue. When electrical current is applied to this fluid, it turns into a charged layer of particles, called a plasma layer. Charged particles accelerate through the plasma and gain sufficient energy to break the molecular bonds within cells. This causes the cells to disintegrate molecule by molecule, so that tissue is volumetrically removed.

For other related policies please see:

- **MP 72 Percutaneous Disc Decompression (Nucleoplasty)**
- **MP 201 Obstructive Sleep Apnea**

COVERED INDICATIONS:

Coblation tonsillectomy may be considered medical necessary for the treatment of *any* of the following:

- Recurrent or chronic tonsillar infection; **or**
- Tonsillar hypertrophy leading to respiratory symptoms or airway obstruction; **or**
- Peri-tonsillar abscess; **or**
- Recurrent middle ear infection where tonsillar hypertrophy is believed to be an exacerbating factor.

EXCLUSIONS:

Somnoplasty/coblation for the treatment of socially disruptive snoring is considered **not medically necessary** and is **NOT COVERED**.

Somnoplasty / coblation for the treatment of obstructive sleep apnea is considered **experimental, investigational or Unproven** and is **NOT COVERED**. There is inconclusive evidence in the published, peer-reviewed medical literature that the service has a beneficial effect on health outcomes.

Somnoplasty /coblation of the inferior turbinates for treatment of chronic nasal obstruction is considered **experimental, investigational or unproven** and is **NOT COVERED**. There is insufficient evidence in the peer-reviewed published medical literature directly comparing somnoplasty to the established alternatives of electrocautery or submucosal surgical resection of the turbinates. In addition, there are no published clinical studies reporting on the long-term outcomes of individuals with mucosal hypertrophy that have been treated with radiofrequency volumetric tissue reduction.

Coblation tenotomy for the treatment of musculoskeletal conditions is considered **experimental, investigational or unproven** and is **NOT COVERED**. There is insufficient evidence in the peer-reviewed published medical literature directly comparing coblation tenotomy to the established alternatives.

Note: A complete description of the process by which a given technology or service is evaluated and determined to be experimental, investigational or unproven is outlined in MP 15 - Experimental Investigational or Unproven Services or Treatment.

CODING ASSOCIATED WITH: Somnoplasty™, Coblation™ (Radiofrequency Ablation)

The following codes are included below for informational purposes and may not be all inclusive. Inclusion of a procedure or device code(s) does not constitute or imply coverage nor does it imply or guarantee provider reimbursement. Coverage is determined by the member specific benefit plan document and any applicable laws regarding coverage of specific services. Please note that per Medicare coverage rules, only specific CPT/HCPCS Codes may be covered for the Medicare Business Segment. Please consult the CMS website at www.cms.gov or the local Medicare Administrative Carrier (MAC) for more information on Medicare coverage and coding requirements.

30999 Unlisted procedure, nose
42299 Unlisted procedure, palate, uvula
41530 Submucosal ablation of the tongue base, radiofrequency, one or more sites, per session

LINE OF BUSINESS:

Eligibility and contract specific benefits, limitations and/or exclusions will apply. Coverage statements found in the line of business specific benefit document will supersede this policy. For Medicare, applicable LCD's and NCD's will supercede this policy. For PA Medicaid Business segment, this policy applies as written.

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This policy will be revised as necessary and reviewed no less than annually.

Devised: 11/01

Revised: 12/01 (Coding), 11/02 (add Coblation, reverse prior auth); 1/04 (definition, indication criteria) 11/06 (added indications and exclusions), 1/09 (coding), 05/09 (Medicare coverage mandate), 5/14 (removal of Medicare coverage); 4/20 (add musculoskeletal exclusion)

Reviewed: 1/08, 5/10, 5/11, 5/12, 5/13, 5/15, 5/16, 4/17, 4/18, 4/19