

+ COBLATION[◇] CHANNELING

A turbinate reduction
technique guide



COBLATION[◇]
REFLEX ULTRA[◇] 55
Soft Palate Wand

Procedure overview

Intended for the treatment of snoring, this COBLATION CHANNELING procedure simultaneously removes and shrinks tissue. The unique action of COBLATION technology creates channels by ablating tissue as the wand is inserted into the soft palate. For tissue shrinkage, a submucosal necrotic lesion is created around channeled tissue. This dual therapy creates an immediate reduction in palatal tissue, with a greater reduction during healing.

Surgical technique

Equipment, Step A

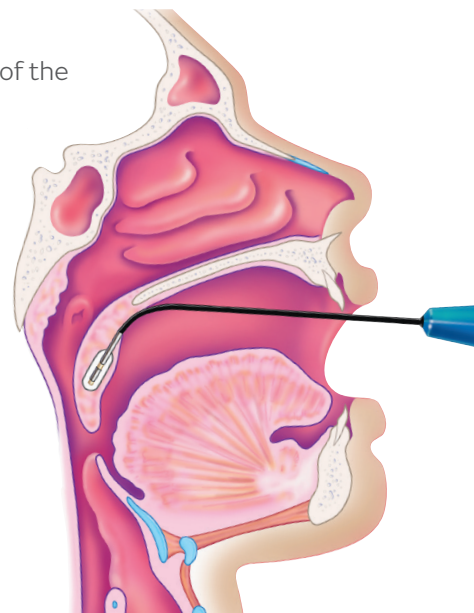
1. Insert the COBLATION REFLEX ULTRA® 55 Wand into the connector end of the patient cable. Align the raised dot on the wand handle with the black dot on the patient cable.

Equipment, Step B

2. Set the Controller power level to 4, 5, or 6, depending on surgeon preference as judged by resistance during channeling (ablation) into the soft palate.

Patient preparation

1. For patient comfort, apply a topical nasal anesthetic spray before administering local anesthetic.
2. Use a local anesthetic with a vasoconstrictor and inject according to local institutional guidelines. Take care to provide sufficient anesthetization to avoid patient discomfort or sensation during the procedure. The anesthetic serves to facilitate the COBLATION-CHANNELING technique by expanding submucosal tissue as judged by resistance during channeling (Ablation) into the soft palate.



COBLATION CHANNELING procedure with COBLATION REFLEX ULTRA 55 Wand

Before each insertion, place the wand tip in saline or other conductive media to ensure formation of the plasma field. The intracellular fluid within the tissue will be sufficient to maintain the plasma field during channeling. Space out multiple channels to avoid creating overlapping lesions

The following technique is for informational and educational purposes only. It is not intended to serve as medical advice. It is the responsibility of treating physicians to determine and utilize the appropriate products and techniques according to their own clinical judgment for each of their patients. **For more information on the COBLATION REFLEX ULTRA 55 Soft Palate wand, including its indications for use, contraindications, and product safety information, please refer to the product's label and the Instructions for Use (IFU) packaged with the product.**

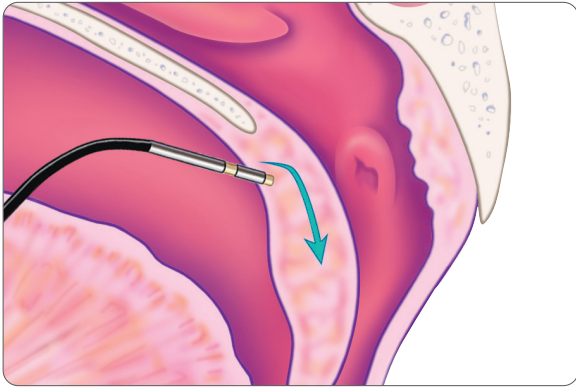


Figure 1

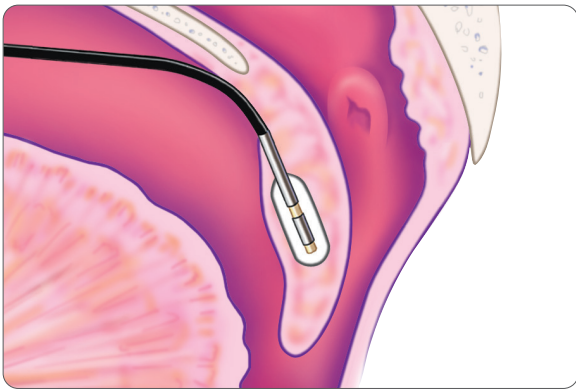


Figure 2

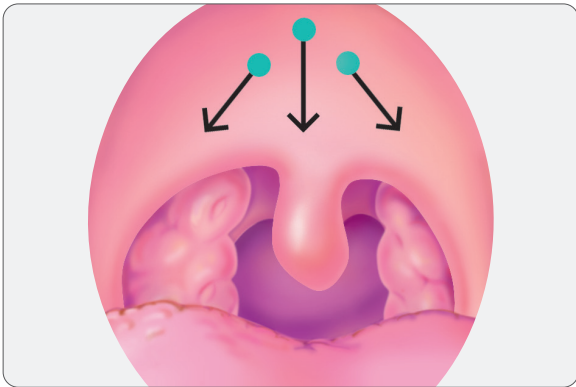


Figure 3

Procedure

1. Before channeling, use the inactive wand to determine the optimal insertion point at the high midline area, approximately 1cm distal to the hard/soft palate junction. Allow room for the channel to follow the curvature of the soft palate (**Figure 1**).
2. Use the Ablation pedal of the foot control to activate the wand as you advance the tip into the soft palatal tissue. Advance the tip of the wand at a 90° angle in relation to the palate to limit mucosal contact during insertion.
3. When the lead electrode has passed through the mucosa, remove your foot from the Ablation pedal and blunt dissect along the curvature of the soft palate. Advance the tip submucosally to the visualization marker on the shaft. Avoid puncturing the posterior palatal mucosa (**Figure 2**).

Make sure the COBLATION REFLEX ULTRA® 55 Wand is in the desired position.

NOTE: If the patient complains of discomfort or numbness, or if mucosal blanching occurs, stop the procedure immediately. If this happens, either administer more local anesthetic or apply other conductive media (e.g. saline, saline gel) to the Wand tip to enhance COBLATION plasma formation.

4. Using the same pedal (Ablation), activate the wand for an additional 10 seconds. Carefully remove the inactivated Wand from the tissue channel. Exposed activated electrodes may burn the mucosa surface.

NOTE: The COBLATION REFLEX ULTRA 55 Wand DOES NOT require use of the Coagulation pedal during the procedure.

5. Create approximately 3 (one midline and two lateral) or 4 (two midline and two lateral) COBLATION channels per procedure. The lateral lesion entry points should be no more than one centimeter away from the midline lesion entry points. Be sure not to overlap lesions (**Figure 3**).
6. If surface blanching occurs near the wand, terminate the procedure.

Ordering information

COBLATION® REFLEX ULTRA® 55 Wand

Reference #	Description
13546-01	COBLATOR® II CONTROLLER, 120V
13546-02	COBLATOR CONTROLLER, 240V
EICA4855-01	COBLATION REFLEX ULTRA 55

Products may not be available in all markets because product availability is subject to the regulatory and/or medical practices in individual markets. Please contact your Smith+Nephew representative or distributor if you have questions about the availability of Smith+Nephew products in your area.

Additional instruction

To order the instruments used in this technique, call **+1 800 343 5717** in the U.S. or contact an authorized Smith+Nephew representative. Prior to performing this technique, consult the Instructions for Use documentation provided with individual components – including indications, contraindications, warnings, cautions and instructions.

CAUTION: U.S. Federal law restricts this device to sale by or on the order of a physician.

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