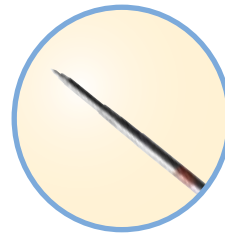
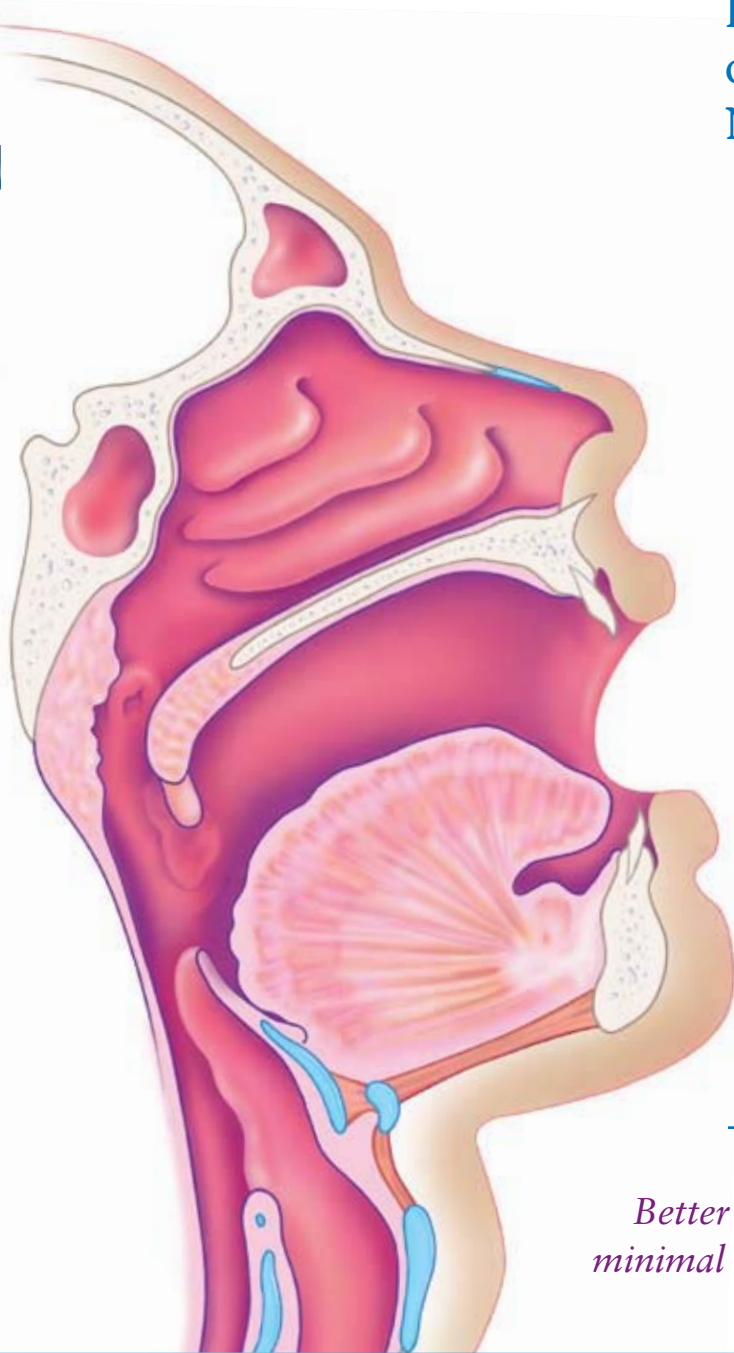


ReFlex Ultra® Plasma Wands

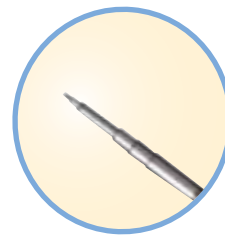
For Minimally Invasive Treatment
of Upper Airway Obstruction in the
Nasopharynx and Oropharynx



ReFlex Ultra PTR



ReFlex Ultra 55



ReFlex Ultra 45



ReFlex Ultra SP



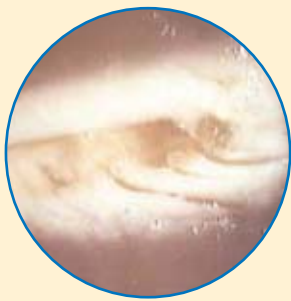
ReFlex Ultra 65

*Better patient outcomes with
minimal pain and fast recovery.*

ReFlex Ultra Plasma Wands

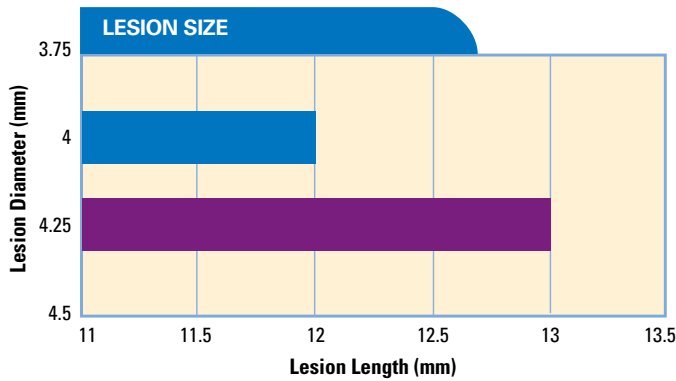
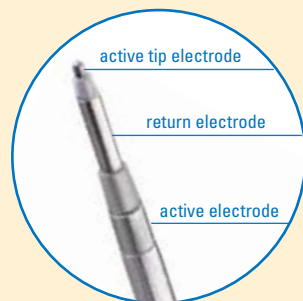
ReFlex Ultra Plasma Wands are designed to perform minimally invasive procedures for treating upper airway obstructive disorders, including chronic nasal obstruction and snoring.

The submucosal channeling technique employed with these Coblation-Channeling® wands both removes and shrinks soft tissue while leaving the mucosal lining virtually undisturbed.

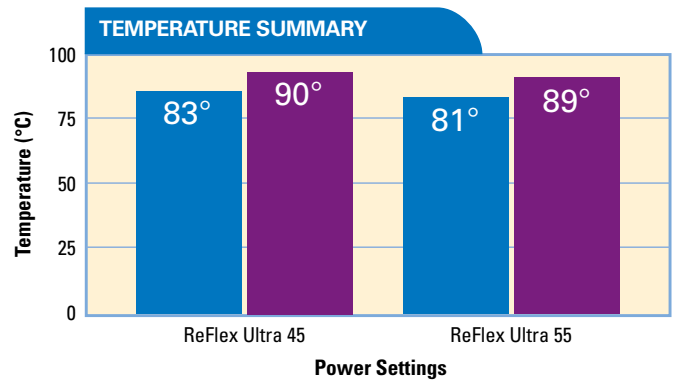


TISSUE HEALING

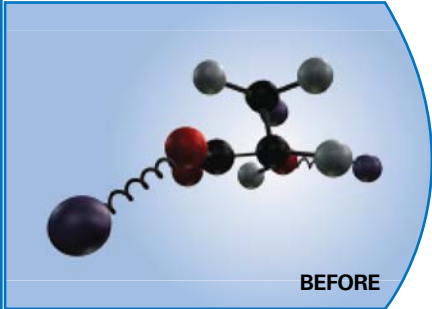
Dual therapy creates immediate tissue reduction that continues as the patient heals



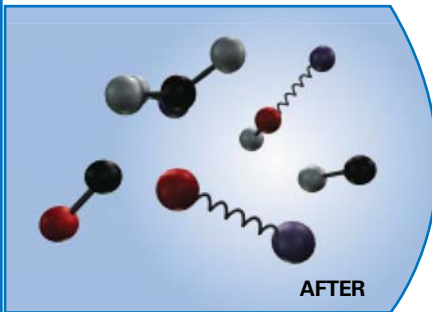
Research performed by Frank G. Shellock, Ph.D.



Research performed by Frank G. Shellock, Ph.D.



Typical large organic molecule (protein) before Coblation



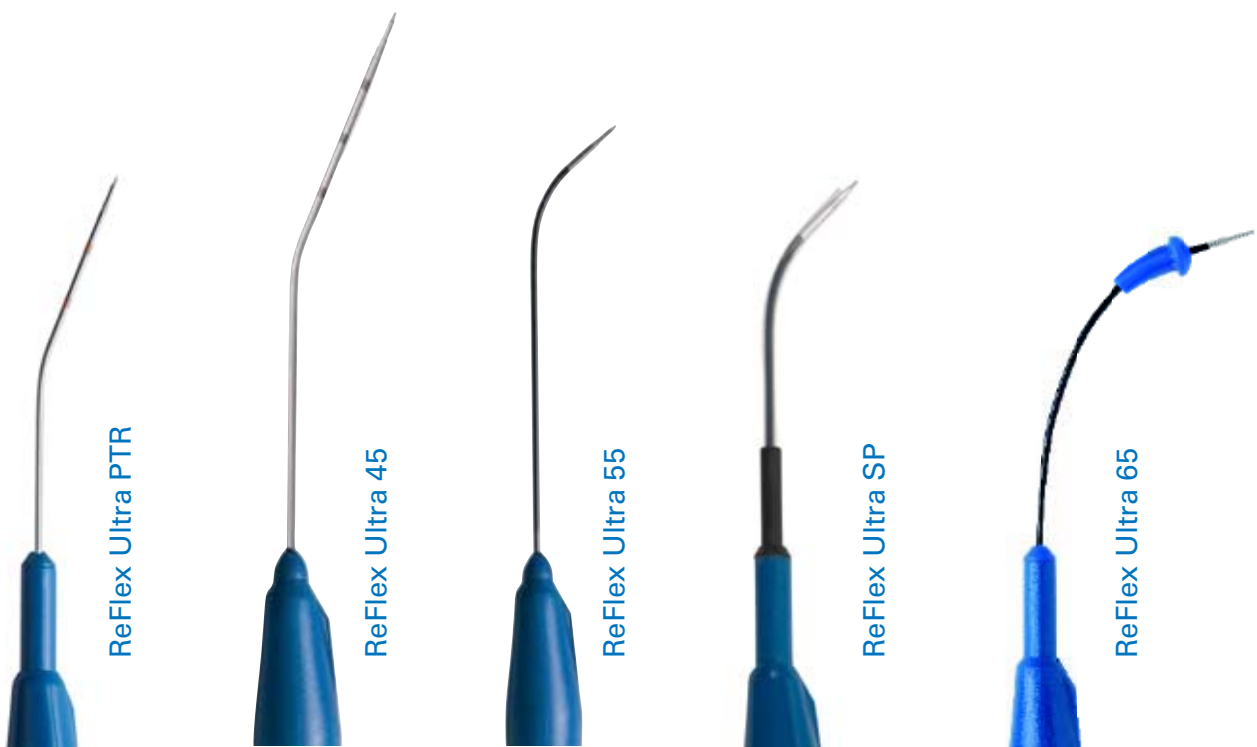
Coblation Plasma field breaks molecular bonds resulting in gentle tissue dissection or ablation

Coblation Technology

Coblation is a controlled, non-heat driven process that uses bipolar radiofrequency energy to excite the electrolytes in a conductive medium, such as saline gel, to create a precisely focused plasma field. The energized particles in this plasma field are capable of breaking molecular bonds, providing precise dissection or ablation of soft tissue while preserving the integrity of surrounding healthy tissue.

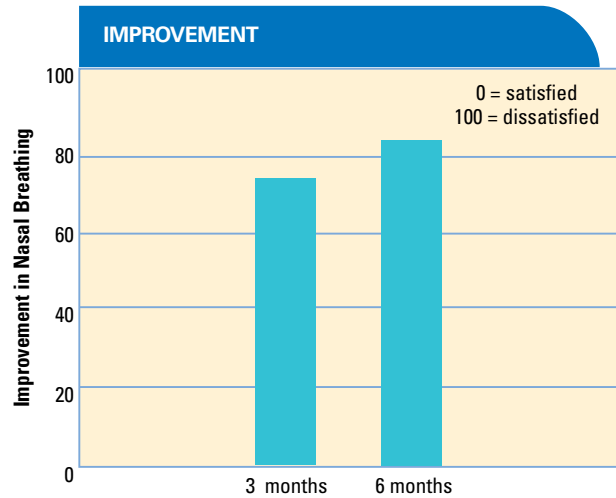
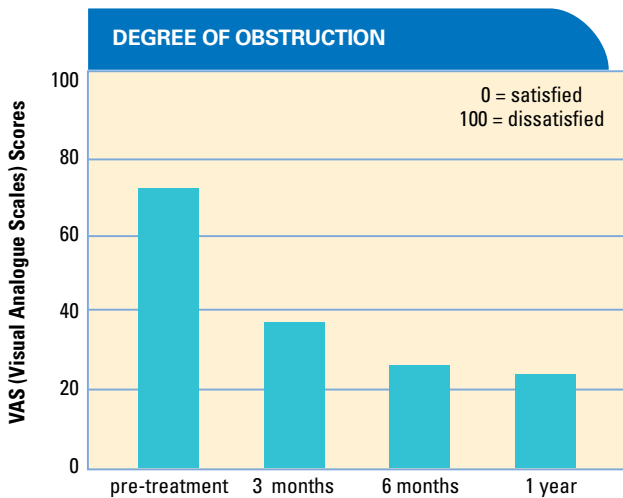
What Makes Coblation Different From Other RF Technologies?

- Low temperature plasma excision (typically between 40°C to 70°C).
- Minimal thermal penetration preserves healthy surrounding tissue.
- Dissolution of soft tissue while providing hemostasis of blood vessels.



Chronic Nasal Obstruction

Coblation turbinate reduction can provide a fast return to normal breathing for your adult and pediatric patients with chronic nasal obstruction due to turbinate hypertrophy. Unlike traditional electro-surgical and radiofrequency techniques that excessively heat tissue, Coblation wands create a plasma field around the Wand tip which breaks molecular bonds, dissolving tissue at relatively low temperatures. This immediate tissue reduction is combined with additional reduction that occurs during healing. The result is a safe, minimally invasive, and virtually painless technique that can resolve nasal obstruction with minimal morbidity and without altering the structure of the nasal mucosa.



Turbinate Channelling

Coblation provides immediate reduction of turbinate tissue for relief of chronic nasal obstruction.





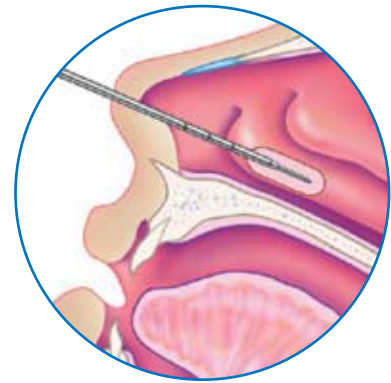
ReFlex Ultra 45 Plasma Wand

Immediate relief of nasal obstruction resulting in high patient satisfaction that increases over time.^{1,2}

- Approximately 50% reduction in nasal blockage within one week of treatment.¹
- Sustained reduction in degree and frequency of nasal obstruction at 3, 6, and 12 months.¹
- At 3 months, 75% of patients report improvement in nasal breathing, increasing to 85% at 6 months.²

Fast and easy to perform, resulting in high patient tolerance with minimal morbidity.

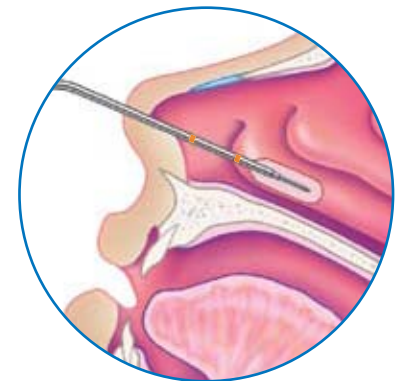
- Easy access to entire turbinate for both anterior and posterior lesions.
- Little or no bleeding, crusting, or pain, and no need for packing.
- 10 to 15 seconds per lesion.
- Performed in the OR or in-office under local anesthesia.



Adult Turbinate Reduction

ReFlex Ultra PTR Plasma Wand

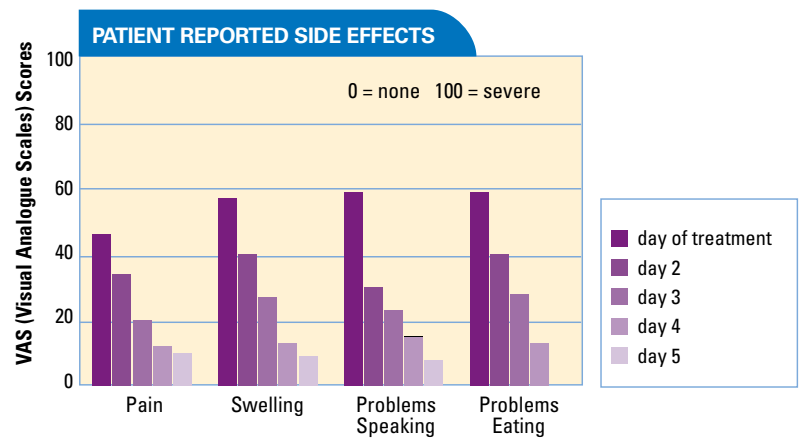
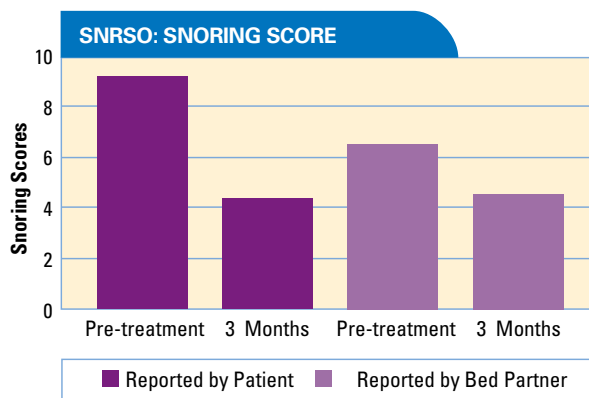
- Coblation-Channeling dual therapy technology combines immediate tissue removal with effective coagulation lesion formation.
- Shorter, smaller diameter shaft provides easy access and reduces visual obstruction when treating patients with smaller intranasal anatomy.
- Sharpened lead electrode designed for easy entry into turbinate tissue.
- 5 to 10 seconds per lesion.



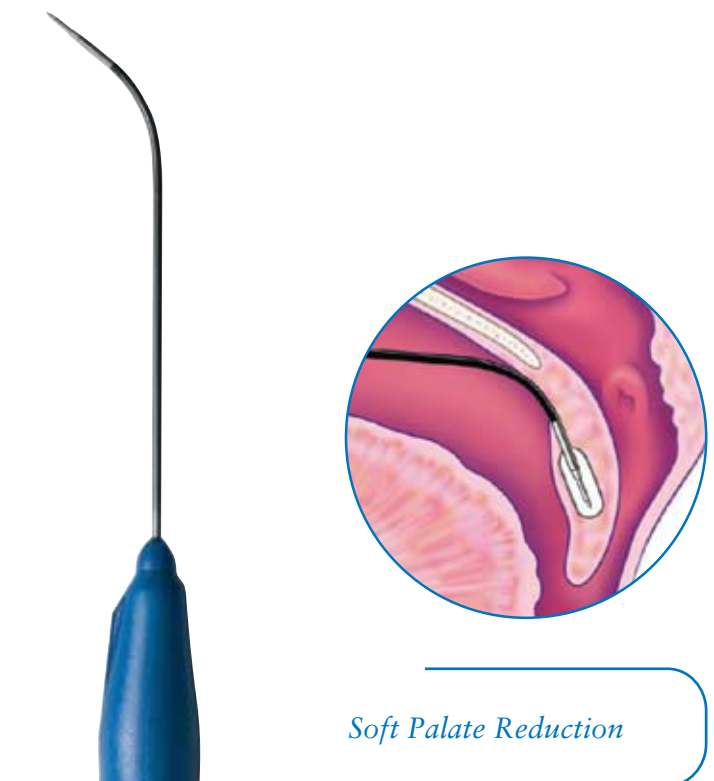
Pediatric Turbinate Reduction

Snoring Treatment

Snoring treatments that use Coblation involve the submucosal reduction of soft tissue, such as those found in the soft palate and uvula, and are designed to reduce the incidence of snoring without the discomfort and inconvenience associated with traditional surgery. The multistage treatment concept provided by Coblation allows you to choose one or more steps to treat your patient depending on clinical need. Procedures typically take less than fifteen minutes, can be performed in an outpatient setting under local anesthesia, and patients typically experience a significant reduction in snoring within six weeks.



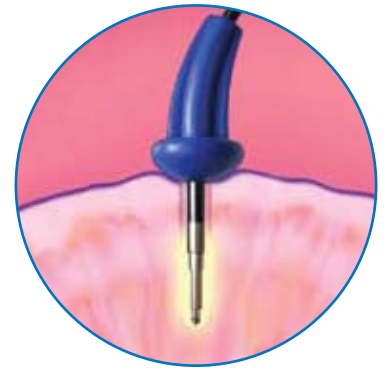
- ReFlex Ultra 55 Plasma Wand
- Immediate reduction of tissue in the soft palate that increases over time.
- Significant change in the distance between the tip of the uvula and the bottom of the sella indicating a retraction of the uvula.³
- Additional symptomatic improvement over time due to tissue shrinkage as a result of submucosal lesion formation.
- Fast and easy to perform, resulting in high patient tolerance with minimal morbidity.
- Significant improvement in Eppworth Sleepiness Scales at the 3-month postoperative visit.³
- Significant reduction in snoring reported by both patient and bed partner at the 3-month postoperative visit.³
- 10 to 15 seconds per lesion.
- Performed in the OR or in-office under local anesthesia.





ReFlex Ultra 65 Plasma Wand

- Designed for fast, easy, and controlled soft tissue reduction.
- Sharpened lead electrode and rigid shaft design for easy channeling through muscle tissue.
- Channeling depth limiter provides controlled lesion placement for consistent, repeatable lesion creation.
- 15 seconds per lesion.
- Performed in the OR or in-office under local anesthesia.



Soft Tissue Reduction

ReFlex Ultra SP Plasma Wand

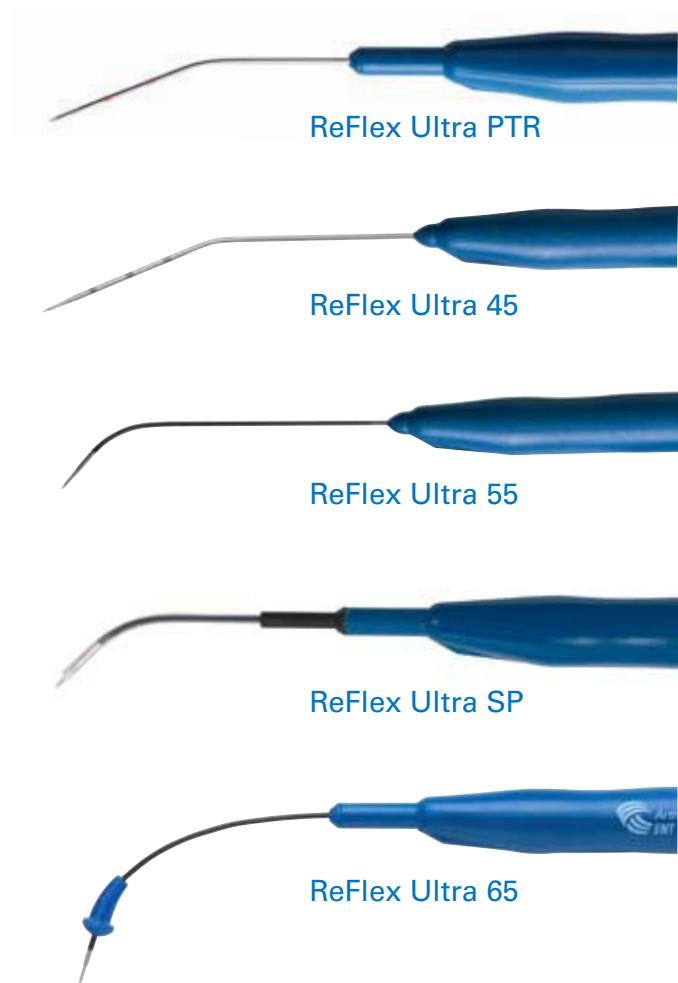
- Designed for rapid dissection and channeling of soft palate tissue during uvulopalatoplasty procedures.
- Retractable saline delivery sheath eliminates need for saline gel.
- 10 to 15 seconds per lesion or continuous cutting.
- Performed in the OR or in-office under local anesthesia.



Uvulopalatoplasty

Ordering Information

PRODUCT	CATALOG NUMBER
Coblator® II System	EIC8000-01
REFLEX ULTRA WANDS	
ReFlex Ultra PTR Plasma Wand	EIC4835-01
ReFlex Ultra 45 Plasma Wand	EIC4845-01
ReFlex Ultra 55 Plasma Wand	EIC4855-01
ReFlex Ultra SP Plasma Wand	EIC4857-01
ReFlex Ultra 65 Plasma Wand	EIC4865-01



Coblation-Channeling procedures for treating upper airway obstructive disorders, including chronic nasal obstruction and snoring.

- 1 Bäck LJJ, Hytönen ML, Malmberg HO, Ylikoski JS. Submucosal bipolar radiofrequency thermal ablation of inferior turbinates: A long-term follow-up with subjective and objective assessment. *The Laryngoscope*, 2002; 112: 1806-1812.
- 2 Bhattacharyya N, Kepnes LJ. Clinical effectiveness of Coblation inferior turbinate reduction. *Otolaryngol Head Neck Surgery*. 2003;129:365-371.
- 3 Bäck LJJ, Tervahartiala PO, Piilonen AK, Partinen MM, Ylikoski JS. Bipolar Radiofrequency Thermal Ablation of the Soft Palate in Habitual Snorers without Significant Desaturations Assessed by Magnetic Resonance Imaging. *American Journal of Respiratory and Critical Care Medicine*, 2002; 166: 865-871.



ArthroCare ENT
 680 Vaqueros Avenue
 Sunnyvale, CA 94085-3523
order entry phone 800-797-6520
 phone 408-736-0224
 order entry fax 888-994-2782
www.arthrocareENT.com

ArthroCare Europe AB
 Baggensgatan 25
 111 31 Stockholm
 Sweden
 phone +46 8 546 172 00
 fax +46 8 546 172 39
info@arthrocare.se

CAUTION: Federal (USA) law restricts this device to sale by or on the order of a physician.
 © 2008 ArthroCare Corporation. ArthroCare, Coblation, Coblation-Channeling, Coblator, and Reflex Ultra are trademarks and/or registered trademarks of ArthroCare Corporation. Tylenol is a registered trademark of McNeil-PPC, Inc.