



Minimal thermal damage, targeted hemostasis  
and precise tissue removal

 **smith&nephew**  
**COBLATION<sup>®</sup>**  
Plasma Technology



# COBLATION<sup>◇</sup> adenotonsillectomy Wands

## Access hard to reach sinus anatomy

Our clinical use of plasma for tissue ablation and dissection, known as COBLATION, results in temperatures typically no higher than 40-65 °C, minimizing surrounding tissue thermal damage during tonsillectomy procedures. Meanwhile, integrated suction, ablation, and coagulation features provide all-in-one instruments designed to help decrease surgical time.

### Features

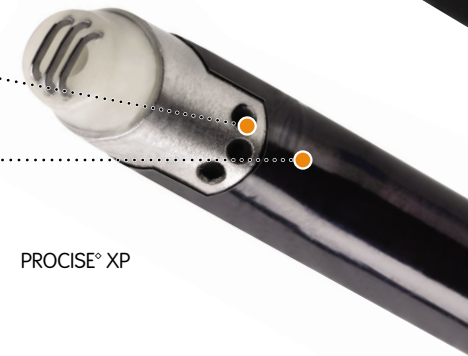
- Triple-wire active electrode efficiently removes tissue for both tonsillectomy and adenoidectomy
- Integrated saline and suction ports for quick and easy operating room setup
- Long malleable shaft allows improved access to the choanae during adenoidectomy



EVAC<sup>®</sup> 70 XTRA

### Features

- Unique saline delivery system ensures tip is receiving saline flow regardless of orientation
- Decreased shaft diameter and increased malleability increases the surgical field visualization and flexibility during procedures



PROCISE<sup>®</sup> XP

## COBLATION Wand features comparison

|                         | Electrode Design |        |        | Integrated saline | Integrated suction | Coagulation ability | Decreased shaft diameter |
|-------------------------|------------------|--------|--------|-------------------|--------------------|---------------------|--------------------------|
|                         | Triple-Wire      | Screen | Single |                   |                    |                     |                          |
| EVAC 70 XTRA            | ✓                |        |        | ✓                 | ✓                  | ✓                   |                          |
| PROCISE XP              | ✓                |        |        | ✓                 | ✓                  | ✓                   | ✓                        |
| PROCISE MAX             |                  | ✓      |        | ✓                 | ✓                  | ✓                   |                          |
| PROCISE EZ              |                  | ✓      |        | ✓                 | ✓                  | ✓                   | ✓                        |
| EXCISE <sup>®</sup> PDW |                  |        | ✓      | ✓                 | ✓                  | ✓                   | ✓                        |

### COBLATION<sup>®</sup> technology

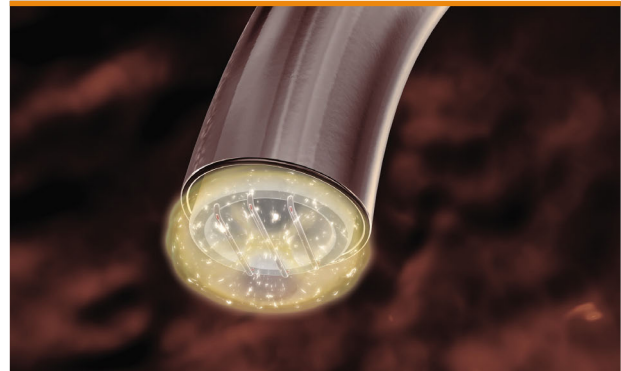
COBLATION technology involves the creation and application of a high-energy field called “glow discharge plasma.” This plasma ablates tissue through a chemical process as highly energized particles in the plasma break down molecules in the tissue. COBLATION technology provides two distinct advantages to the surgeon:

- COBLATION operates at lower temperatures than other radio frequency (RF) based technologies
- The 100µm – 200µm plasma field allows for precise removal of soft tissue

The term COBLATION means “controlled ablation.” Since the introduction of COBLATION tonsillectomy Wands in 1998, the proven patented COBLATION technology has been used in more than 12 million procedures by surgeons in ear, nose and throat (ENT) and other areas of medical specialty. Surgeons and patients alike continue to benefit from the results of using this advanced technology. Simply put, COBLATION Wands deliver less heat and energy to your patients, resulting in opportunities for better outcomes.<sup>1</sup>

### All-in-one technology

COBLATOR<sup>®</sup> II integrates saline, suction and power controls creating an all-in-one device with fast setup and take down allowing for time savings with procedures.



Plasma field formation



COBLATION on soft tissue



COBLATOR II Controller

## Ordering information

### COBLATION® Wands

| Reference # | Description             |
|-------------|-------------------------|
| EICA5872-01 | EVAC® 70 XTRA WAND      |
| EICA5874-01 | EVAC 70 XTRA HP WAND    |
| EICA8872-01 | PROCISE® XP WAND        |
| EICA8898-01 | PROCISE MAX WAND        |
| EICA8870-01 | PROCISE EZ WAND         |
| EIC9820-01  | EXCISE® PDW WAND        |
| EC8000-01   | COBLATOR® II CONTROLLER |
| H3000-01    | FOOT CONTROL            |

### References

- 1 Stadler KR 2005 Electrosurgical plasmas J. Phys. D: Appl Phys. 38 (1728-1738)

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