

Procedure Guidelines for **RaVoR™** Surgery of the Tonsils

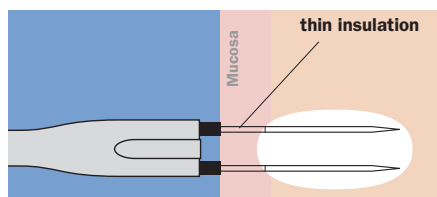


Fig. 1: Correctly placed RaVoR™ bipolar electrode:
Complete insertion of the thin insulation protects the mucosa from surface lesions.

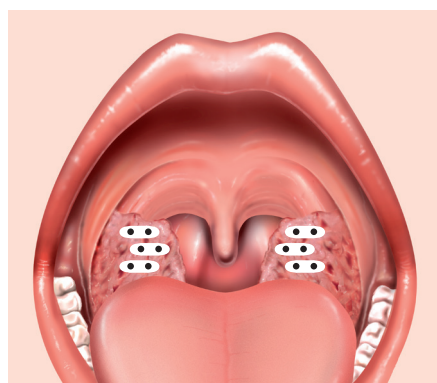


Fig. 2: Puncture sites for the application of radiofrequency energy in the tonsils with the RaVoR™ bipolar electrode (REF: 70 44 62)

Indications and contraindications

Reduction of hyperplasia of the tonsils in children and adults with sleep-related breathing disorders.

Patient preparation

For adults, outpatient treatment with local anesthesia. For children, usually general anesthesia. Perioperatively administer intravenous antibiotics as a prophylactic measure, e.g. cefazoline 2 gr. For local anesthesia first apply a surface anesthetic (e.g. lidocaine pumping spray) and injection of a local anesthetic together with a vasoconstrictor (e.g. lidocaine 2 % plus adrenaline 1:200 000). Depending on the size of the tonsils administer 3-4 shots per tonsil along the anterior pillars (about 10 ml in total).

Intervention

Thanks to the plug and operate feature, the settings for the RaVoR™ treatment are automatically selected when the RaVoR™ bipolar electrode is connected to the CURIS® 4 MHz radiofrequency generator. Insert the RaVoR™ bipolar electrode (REF 70 44 62) in 2, 3 or 4 places, depending on the size of the tonsils, coming from the medial face (Fig. 2). Before radiofrequency activation, fully insert the RaVoR™ bipolar electrode together with the thin insulation up to the metal portion (Fig. 1). During the application a white discoloration may occur in the tissue.



Fig. 3: RaVoR™ bipolar electrode, single-use (REF: 70 44 62)

Postoperative treatment

Specific postoperative treatment is not required. If necessary, give pain killers (paracetamol or diclofenac). Inform your patients that the therapeutic effect will occur with a delay. In the days following surgery, nose breathing may temporarily be more obstructed due to postoperative tissue swelling. If required, prescribe nasal spray that reduces swelling (e.g. xyloetazoline).

Disclaimer: These procedure guidelines have been carefully researched and compiled with the help of specialist physicians. They are not meant to serve as a detailed treatment guide. They do not replace the user instructions for the medical devices used. Sutter accepts no liability for the treatment results beyond legal regulations.

Settings* for CURIS® 4 MHz radiofrequency generator
(REF: 36 01 00-01)

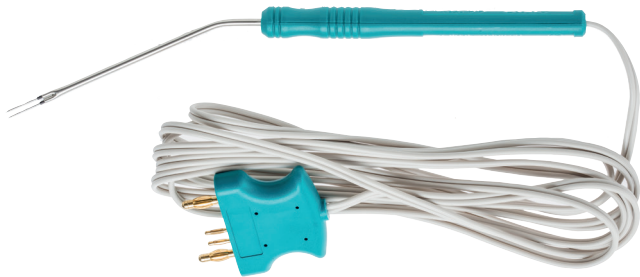
RaVoR™ bipolar electrode: RaVoR™
Power adjustment: 10 watts
(plug and operate: automatic selection of program and settings)

Valid for the **CURIS®**
with the orange label.

RaVoR™ bipolar electrode: RaVoR™
Power adjustment: 10 watts
(plug and operate: automatic selection of program and settings)

* Please consider that this information is not meant to serve as a detailed treatment guide. Always start with the lowest settings and adjust them accordingly.

Recommended products for this treatment



RaVoR™ (Radiofrequency Volume Reduction)

Qty.	REF	Description
1	70 44 62	RaVoR™ bipolar electrode for the inferior turbinates with protective insulation, single-use, working length: 103 mm



[REF 87 00 10] CURIS® 4 MHz radiofrequency generator
basic set with single-use patient plates

Qty.	REF	Description
1	36 01 00-01	CURIS® 4 MHz radiofrequency generator (incl. mains cord, user manual and test protocol)
1	36 01 10	Foot switch two pedals for CURIS® (cut & coag), cable: 4 m
1	37 01 54L	Bipolar cable for CURIS®, length: 3 m (not shown)
1	36 07 04	Monopolar handpiece (pencil) cut & coag, shaft 2.4 mm, cable: 3 m (not shown)
1	36 02 38	Cable for single-use patient plates, length: 3 m (not shown)
1 (x50)	12 80H	Patient plates, single-use, 5 x 10 pcs. (not shown)

Product availability is subject to regulatory approval in individual markets. Products may therefore not be available in all markets. Lengths for orientation purposes; may vary slightly.



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