

Procedure Guidelines for Radiofrequency RaVoR™ Surgery of the Nasal Turbinates

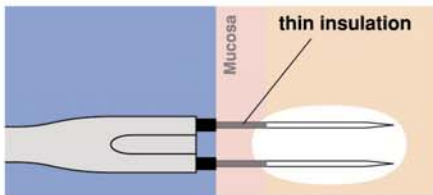


Fig. 1: Correctly placed RaVoR™ electrode. Complete insertion of the thin insulation protects the mucosa from surface lesions.

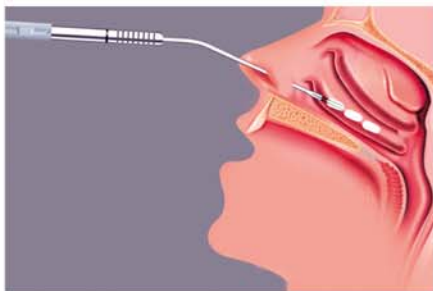


Fig. 2: Puncture sites for the application of radiofrequency energy of the inferior turbinate with electrode REF: 70 04 62.

Indications/Contraindications

Follow the general recommendations for surgery of the inferior turbinates. There are no contraindications for RF surgery.

Patient preparation

The intervention is performed under local anesthesia on an out-patient basis. Apply a surface anesthetic (e.g. insert a cotton strip soaked in lidocaine 4 % or use a spray, optionally with a vasoconstrictor such as xylometazoline, adrenaline). Inject 2 to 3 ml local anesthetic (e. g. lidocaine 2%) into each of the inferior turbinates.

Verify that the insulation of the bipolar electrodes is intact before using them. Do not use defective or damaged instruments to avoid the risk of burns.

Intervention

Insert the application probe (REF 70 04 62) (Fig. 3) completely with its thin insulation layer into the anterior head of the turbinate (medial surface) parallel to the bone. Apply radiofrequency to the head of the turbinate. Repeat the procedure in the middle part of the turbinate and, if indicated, in the posterior third of the nasal turbinates (medial surface). To treat pronounced cases of hyperplasia of the anterior head of the turbinate a second puncture may be required.

Visible changes in the mucosa are not likely. Stop applying energy if you observe a slight, white discolouring of the mucosa.

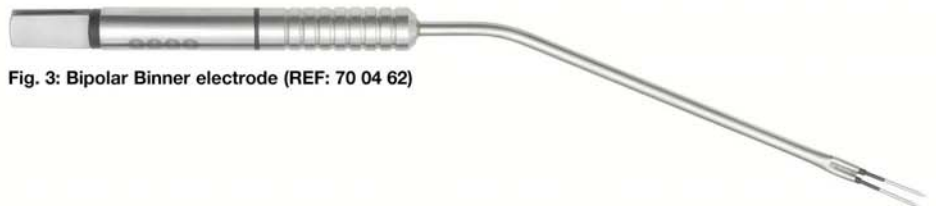

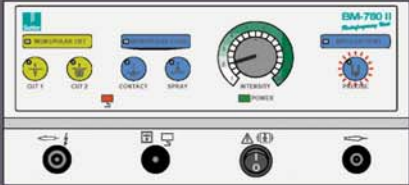


Fig. 3: Bipolar Binner electrode (REF: 70 04 62)

Post-operative treatment

Specific post-operative 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 post-operative tissue-swelling. If required, prescribe nose 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.

Unit settings	
<p>CURIS® RaVoR™, AUTO STOP Power adjustment: 10 watts</p>  <p>Other accessories: Bipolar cable (REF: 37 01 54 L)</p>	<p>BM-780 II Bipolar Precise Power adjustment: 2, 5-9 sec.</p>  <p>Other accessories: Bipolar cable (REF: 37 01 38 L)</p>