

Procedure Guidelines for Radiofrequency Rhinophyma Resection



Fig. 1: Prior to rhinophyma resection

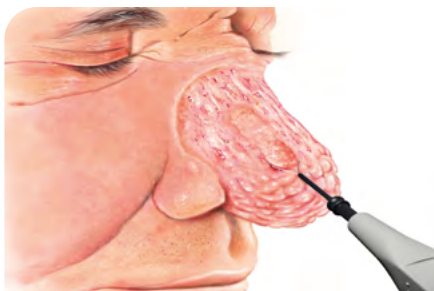


Fig. 2: During rhinophyma resection



Fig. 3: Bipolar coagulation of remaining bleeders

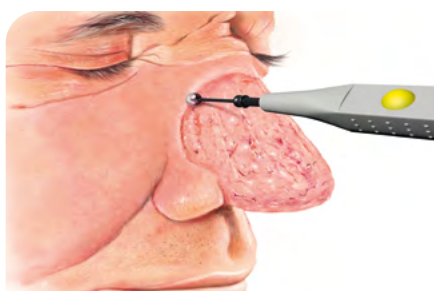


Fig. 4: Sculpting of nasal contours

Indications/Contraindications

Patients with late-stage rosacea of the nose (rhinophyma) requiring treatment. Treatment may be indicated for patients with symptomatic problems or for aesthetic reasons. There are no contraindications for RF surgery. For patients with implanted pacemakers see instructions for use of the electrosurgical device employed.

Patient preparation

Apply an anesthetic ointment (e.g. EMLA cream) generously to the surface of the nose. After an exposure time of about 25 minutes administer a local anesthetic (e.g. injection of 15ml prilocaine 1% with epinephrine 1:200 000). Perioperative sedation (e.g. midazolam) of the patient is optional. Examine the integrity and intactness of the electrodes employed prior to use.

Intervention

Determine the resection limits. For large rhinophyma begin with the excision of large tissue masses using a needle electrode (REF: 36 08 04). For smaller rhinophyma or after removal of larger tissue masses proceed with a triangle-shaped loop electrode (REF: 36 08 12) and delaminate thin layers of tissue along the original shape of the nose. Take great care not to excise further than down to the thin corium layer of the skin and not to damage the cartilage structure of the nose which could lead to cartilage necrosis. Finally sculpt the edges between the wound site and healthy skin area with a ball-point electrode (REF: 36 08 17) at a low power setting. The temporary occurrence of a pale coagulation zone contributes to a smooth transition in the healing process of the skin.



Fig. 5: Monopolar loop electrode (REF: 36 08 12)



Fig. 6: Monopolar ball electrode (REF: 36 08 17)



Fig. 7: SuperGliss® non-stick bipolar forceps (REF: 78 01 75 SG)

Postoperative treatment

Generously apply an antibiotic, cortisone ointment (e.g. sulmycine with celestan V). Cover the nose with wound gauze such as paraffin gauze.

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

Valid for the CURIS® with the orange label.



Loop electrode: Monopolar CUT 2 or SOFTSPRAY

Power adjustment: 30 to 40 watts

Ball electrode: Monopolar CONTACT Coag

Power adjustment: 5 to 8 watts

SuperGliss® non-stick: Bipolar PRECISE

Power adjustment: 15 to 30 watts



For further accessories see back page.

Loop electrode: Monopolar CUT 2 or SOFTSPRAY

Power adjustment: 40 to 60 watts

Ball electrode: Monopolar CONTACT Coag

Power adjustment: 20 to 40 watts

SuperGliss® non-stick: Bipolar PRECISE

Power adjustment: 15 to 30 watts



For further accessories see back page.

* Always start with the lowest settings to achieve the desired effects. If necessary, increase the settings step-by-step until the desired effect is achieved. This may even be 50 watts or higher. The settings may differ from patient to patient, from tissue to tissue, and have to be adjusted accordingly.

Please consider that this information is not meant to serve as a detailed treatment guide.

Recommended products for this treatment



SuperGliss® non-stick bipolar forceps

134° C autoclavable  



Qty.	REF	Description
1	78 01 75 SG	SuperGliss® non-stick bipolar forceps, angled tips: 1,0 mm, 30° angled, total length: 20 cm



Monopolar loop electrode

134° C autoclavable  



Qty.	REF	Description
5	36 08 12	Monopolar loop electrode total length: 57 mm



Monopolare ball electrode

134° C autoclavable  



Qty.	REF	Description
5	36 08 17	Monopolar ball electrode total length: 60 mm



CURIS® 4 MHz radiofrequency generator

Basic Equipment

Qty.	REF	Description
1	36 01 00-01	CURIS® 4 MHz radiofrequency generator (incl. mains cord, user's manual and test protocol)
1	36 01 10	Foot switch two pedals for CURIS® (cut & coag), 4 m cable
1	37 01 54 L	Bipolar cable for CURIS®, length: 3 m
1	36 07 04	Monopolar handpiece (pencil) cut & coag, shaft 2.4 mm, cable 3 m
1	36 02 38	Cable for single-use patient plates, length: 3 m

available patient plates:

1 (x100)	29 00-5	Single-use patient plate, split, for adults and children, PU 20 x 5 pcs.
1 (x50)	95 80 04	Single-use patient plate, split, for adults, PU 10 x 5 pcs.
1 (x50)	95 80 05	Single-use patient plate, split, for children, PU 10 x 5 pcs.
1	36 02 26	Re-usable rubber patient plate

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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