

Turbinate **S O M N O P L A S T Y**

Relief for Chronic Nasal Obstruction

Turbinate SomnoplastySM is a fast, effective way to relieve chronic nasal obstruction due to enlarged turbinates without the pain and inconvenience associated with traditional techniques. Unlike standard electrosurgical approaches, the Somnoplasty System continuously monitors temperature, power, and impedance to provide the physician with complete control over the procedure.

The Somnoplasty procedure is performed in an outpatient setting under local anesthesia. Due to the partially insulated electrode and the controlled temperature used in treatment, the delicate mucosa is preserved and patients experience minimal, if any, crusting and bleeding. The procedure itself typically takes less than two minutes per turbinate. No nasal packing is required and most patients do not require any kind of postoperative analgesic.

The SP 1100 handpiece is designed for the delivery of controlled thermal energy to the inferior turbinates. Thermocouples embedded in the electrode provide continuous temperature monitoring. The SP 1100 handpiece is powered by the same automated radiofrequency control unit used for the Somnoplasty base of tongue, soft palate and uvula procedures, offering an expandable system for the physician practice.



THE TURBINATE SOMNOPLASTY PROCEDURE

SUBMUCOSAL DELIVERY OF RF ENERGY In this outpatient procedure, the patient receives a local anesthetic. Using direct vision, the physician inserts the SP 1100 electrode into the inferior turbinate. The Somnus control unit delivers RF beneath the mucosa.



CREATION OF COAGULATIVE LESION Tissue is heated in a limited area around the electrode, creating a submucosal coagulative lesion. The patient does not feel discomfort during the procedure, and the mucosa is protected from thermal damage.



TISSUE VOLUME REDUCTION The lesion is naturally resorbed by the body, leading to tissue volume reduction and relief of nasal obstruction. This can be an effective treatment for patients who suffer from chronic turbinate hypertrophy.



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Caution: Federal (U.S.A.) law restricts this device to sale by or on the order of a physician or dentist.

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