

ROMEIO[®]

THE FAST, EFFECTIVE AND MINIMALLY INVASIVE SOLUTION AGAINST SNORING

BROCHURE NOT FOR THE U.S.A.

The logo features a cluster of yellow dots of varying sizes arranged in a roughly circular pattern above the company name.
Asclepion
Laser Technologies

SNORING...

AN IMPAIRING CONDITION AFFECTING MILLIONS OF PEOPLE

Research suggests that snoring is one of the factors of sleep deprivation. Worldwide about 50% of population snore*, with only about 5% of problematic patients medically diagnosed and somehow treated. Snoring can severely interfere with the quality of life not only of the affected patients but of their bedmates as well.

WHAT IS SNORING?

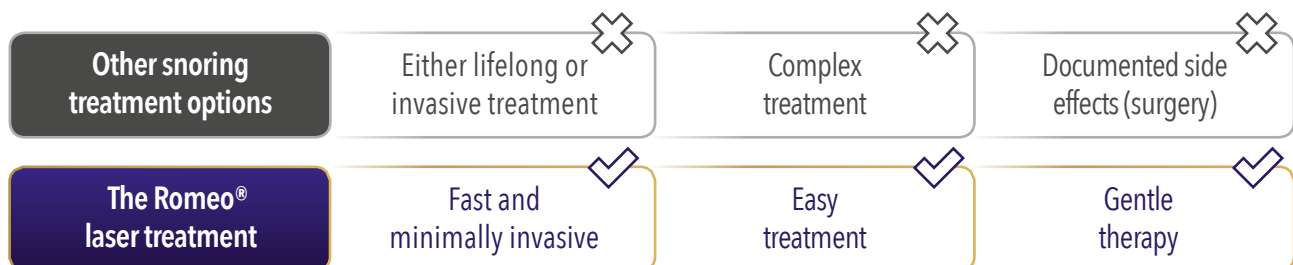
Snoring is the sound produced by the vibration of the weakened pharyngeal muscles and consequent narrowing of the upper airways. The soft palate and the uvula begin to flutter due to the exchange of air during breathing.

WHICH ARE THE CAUSES FOR SNORING?

Snoring is the result of the relaxation of the uvula and soft palate. These tissues can relax enough to partially block the airway, resulting in irregular airflow and vibrations. Snoring can be attributed, among others, to one or more of the following: throat weakness (causing the throat to close during sleep), obesity, obstruction in the nasal passageway, large tonsils and adenoids, obstructive sleep apnea (OSA), relaxants such as alcohol or other drugs.

WHAT ARE THE OPTIONS FOR PATIENTS WHO SNORE?

Although a wide range of treatments is now available for snoring, objective evidence of outcome benefits is sparse**. Non-surgical options such as oral appliances (splints, braces, nasal strips), CPAP masks, weight loss, palatal implants and decongestants require a regular use and are not always as effective as expected. Surgical treatments, that can be targeted at different anatomical regions in the upper airway, are often not preferred because of their invasiveness.



ROMEO® REPRESENTS A FAST, GENTLE AND EFFECTIVE TREATMENT FOR PATIENTS WHO DO NOT WISH AN INVASIVE TREATMENT OR IN CASES WHERE OTHER TREATMENT METHODS ALREADY FAILED.

* Source: Vancouver Sleep and Breathing Center, Pediatrics, BBC News, September 2016.

** Source: Kotecha B, Shneerson JM. Treatment options for snoring and sleep apnoea. Journal of the Royal Society of Medicine. 2003;96(7):343-344.

*** Source: Josip Lovric, MD, Prof. Željka Roje, MD, PhD, ENT specialist. A novel Erbium:YAG fractional laser treatment for reduction of snoring using Romeo® handpiece: a pilot study

ROMEO®

THE FIRST FRACTIONAL LASER TREATMENT TO REDUCE SNORING

The ROMEO® treatment is performed by using the worldwide known MCL31 Dermablade laser system, featuring an Er:YAG laser technology. It applies the same principles known for the sub-ablative fractional therapy usually done on the face for skin resurfacing and meanwhile also in gynecology for the treatment of vaginal atrophy and rejuvenation.

HOW DOES THE ROMEO® LASER TREATMENT WORK?

The goal of the treatment is to strengthen the structure of the soft palate and uvula, achieved by a fractional method that causes a microscopic damage to the mucous membrane. During the treatment a large amount of energy is applied at the same time. As a result, the soft palate is fixed (so called «hypertrophy of mucosa») and becomes more stable during breathing, since a greater resistance to the passage of turbulent air flow throughout the night is provided. More than 50% of patients and their bed partners report an excellent snoring improvement. ***

ROMEO® HANDPIECE

Specially designed handpiece with fractional optic 5 x 5 mm² spot size, allowing for a very precise and effective treatment

SINGLE USE COVER

Individually packaged disposable for maximum hygiene and safety

FAST, IN-OFFICE PROCEDURE



NO LOCAL ANESTHESIA NEEDED



NO DOWNTIME FOR THE PATIENT



MCL31 DERMABLATE



TECHNICAL SPECIFICATIONS

Device	MCL31 Dermablate	Treatment modes	ABLATION, THERM, MICROSPOT, GYN, ENT, CUT
Laser	Er:YAG class 4		
Wavelength	2,940 nm	Handpieces/ Spot sizes	VarioTEAM 1 - 6 mm Ø (Vario)
Energy	Max. 2.5 J		VarioTEAM 8 - 12 mm Ø (Vario XL*)
Fluence	Max. 250 J/cm ²		MicroSpot* 13 x 13 mm ² (with variable coverage from 10 % to 25 %)
Pulse Duration	100 - 1,000 µs adjustable		Steri-Spot* 9 x 9 mm ² (fractional optic)
Frequency	1 - 20 Hz		Romeo* 5 x 5 mm ² (fractional optic)
Display	5.7" touch-sensitive		CUT* 0.5 mm Ø (focused optic)
Dimensions	36 x 60 x 93 cm ³ (W x D x H)		
Weight	approx. 75 kg		

Subject to technical changes

* optional

ROMEO® IS UPGRADABLE WITH JULIET AND VARIOUS OTHER HANDPIECES FOR DIFFERENT INDICATIONS (E.G. GYNECOLOGY, SURGERY, ABLATIVE AND FRACTIONAL TREATMENTS).

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MADE IN GERMANY

treatment laser	wavelength	2.94 µm
	energy	< 3 J
	pulse duration	< 1.5 ms
	laser class	4
pilot laser	wavelength	635 nm
	power	< 1 mW
	laser class	2
classified	acc. to	EN 60825-1:2014

