

E.N.T Proctology



Minimally Invasive Laser therapies of hemorrhoids, fistulas and sinus tracts. Painless
Controlled hemorrhoidal shrinkage
Excellent hemostasis
Maximized preservation of continence
Minimal wound size
Optimum preservation of surrounding mucosal tissue
Clear view of operating field

Super Pulsed 15 watt Diode Laser

980nm wavelength

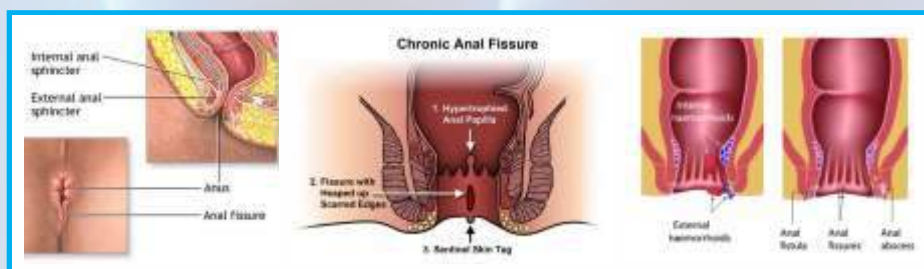
20khz frequency

Pre set parameters for proctology and ENT

2 years warranty

PROCTOLOGY

- **Sinus pilonidalis:-** the treatment of enables you to destroy the pits and the communicating subcutaneous tract in a controlled manner. Using the laser fibre means preservation of the Rima Ani surface and avoidance of wound healing.
- **Anal fistula treatment:-** In order to eliminate the fistula tract as gently as possible, the flexible, radially emitting laser fiber is inserted from the outside and positioned exactly by using the pilot beam.
- Defined energy is being emitted into the fistula . The epithelialized tissue is being destroyed in a controlled way and the fistula tract collapses to a very high degree. This also supports and accelerates the healing process.
- The inner ostium can easily be closed by direct sutures to keep tensions low in the mucous mebrane.
- **Hemorrhoids:-** under proper local or general anesthesia, the controlled laser energy deposition obliterates the nodes from the inside and preserves the mucosa and sphincter structures to an extremely high degree. Tissue reduction in the hemorrhoidal node Closure of the arteries entering the CCR feeding the hemorrhoidal cushion.
- Maximum preservation of muscle, anal canal lining, and mucosa Restoration of the natural anatomical structure The controlled emission of laser energy, which is applied submucosally, causes the hemorrhoidal mass to shrink.
- Healing is excellent because, unlike conventional surgeries, there are no incisions or stitches. Access into the hemorrhoid is achieved by entering through a small perianal port.
- By this approach no wounds are generated in the area of the anoderm or mucosa. As a result, the patient experiences less postoperative pain and can return to normal activities within a shorter space of time.

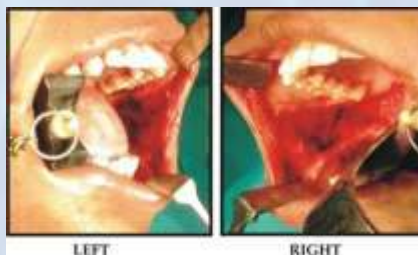


Bringing Innovations closer to you

LASER SOLUTION FOR E.N.T SURGERIES

The laser and fiber system have a compact, maintenance free design for effective and safe use in E.N.T surgery. This stable system offers a wide range of possibilities for minimally invasive laser therapy of ear nose throat ailments.

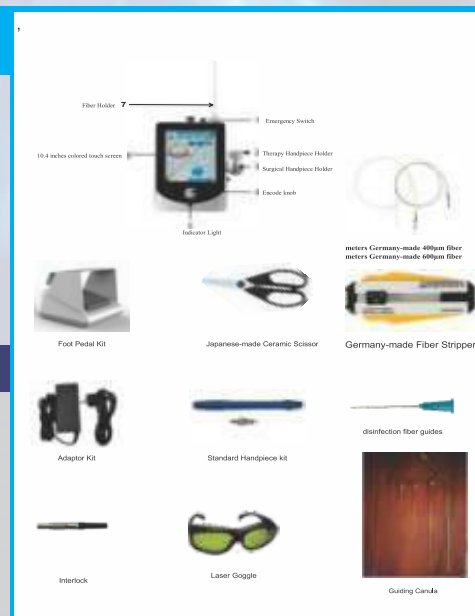
- It can be used in contact mode for most of laryngeal surgeries with ease of working and tactile feedback.
- Tonsillectomy
- Cysts & mucocele
- LAUP
- Vocal cord polyp & nodule
- Glossectomy
- Hemangioma
- Tympanitis
- Myringotomy
- Turbinate reduction
- OSMF
- Ranula
- Leukoplakia
- Lichen planus
- Tongue tie



BENEFITS OF USING DIODE LASER

- Less invasive less painful
- Minimal or no bleeding
- Heals faster
- Less trauma
- Doesn't cause any scars
- Can be treated in ambulatory conditions

Specifications			
Laser Type	Diode Laser	Delivery System	200µm, 300µm, 400µm, 600µm fibers
Model	D-15B	Aiming Beam	Laser Diode at 5mW/660nm
Wavelength	980nm	Voltage	AC 110V – 220V±20%, 50/60Hz±1Hz
Power (CW)	0.5 to 15W	Control Mode	10" Full Touch Screen
Operation Mode	CW/Single/Repeat Pulse	Activation	Wireless Foot Switch
Pulse Duration	2 µs–1s	Dimensions	W2 5mm*D278mm*H325mm
Repetition Rate	20,000Hz	Weight	3 kgs



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