

Diode Laser For Proctology & Varicose Vein

- Heavy Duty Diode Laser(Good conversion ratio)
- Most stable heat sink to work in Indian temperature
- Wavelength – 980nm , 1470nm , 980nm + 1470nm
- Make in India Diode Laser
- Highly efficient cutting & Coagulation
- Simple user interface
- Cost effective machine
- SMA 905A Connector for laser fiber – Conical / Radial & Bare fiber
- Portable unit
- Diode laser calibration & service available
- Spare parts readily available

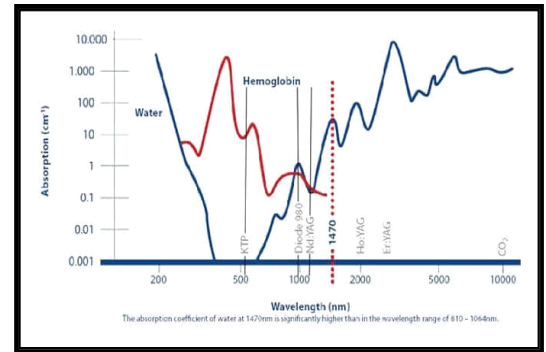


Complete Solution For Proctology & Varicose Vein

- Vital Lase – 15W/980nm
- Aqua Lase – 15W/ 1470nm
- Trident P – 10 W(980nm) + 10W(1470nm)

Wavelength

Imdsl laser implements two separate wavelengths: a 1470nm laser wavelength which specifically targets water in hemorrhoidal and fistula tissue as well as a 980nm laser wavelength targeting oxyhemoglobin in the hemorrhoidal supplying arteries. This allows for optimal ablation and coagulation of the specific treatment area using a low power energy intensity for safe treatment with minimal risk of burns. The ability to choose the appropriate wavelength for the application provide physicians the best solution and flexibility.



Vital Lase – 15W/ 980nm

Specification –

Maximum Power	15W
Wavelength	980nm
Mode	CW/ Pulse
Surgical hand piece	1
Aiming beam	650nm
interlock key	1
Foot switch	Bluetooth / Wire
Software	Proctology

- Widely used for Proctology & E.N.T Surgeries.
- Effective for cutting & Coagulation
- 980nm is widely absorbed in Hemoglobin as compared to water .
- User friendly software .
- Pre set parameter can be adjusted.

Aqua Lase – 15W/ 1470nm

Specification –

Maximum Power	15W
Wavelength	1470nm
Mode	CW/ Pulse
Surgical hand piece	2
Aiming beam	650nm
interlock key	1
Foot switch	Bluetooth / Wire
Software	Proctology & Varicose vein

- Highly absorbed in water.
- Highly recommended for Varicose vein treatment & Proctology.

Trident - P 10 W(980nm) + 10W(1470nm)

Specification –

Maximum Power	10W + 10 W
Wavelength	1470nm(10W) & 980nm (10W)
Mode	CW/ Pulse
Surgical hand piece	2
Aiming beam	650nm
interlock key	1
Foot switch	Bluetooth / Wire
Software	M

- Dual wavelength with multipurpose use.
- Highest model where cutting coagulation and shrinkage can be actively achieved.

Laser Treatment in Proctology

- Hemorrhoids – Laser energy is being delivered over the tissue followed by delivery of energy into pile mass. This procedure is performed mostly under local anesthesia and patient can be discharged on the same day. No cut is required in complete treatment.
- Anal fissure – Lateral sphincterotomy is performed by giving incision in sphincter muscle via laser fiber. This helps release the tension of fissure and allows the affected area to heal.
- Anal fistula – Closure of fistula track by delivering laser energy by radial fiber. Laser energy delivered via radial fiber help in tissue shrinkage which closes the track.
- Pilonidal sinus – removal of debris , inflammatory tissue and hairs from the tract with minimal collateral tissue damage.

EVLV

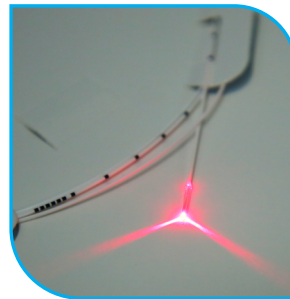
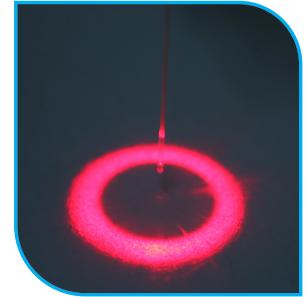
- Varicose vein – treatment is done via laser for twisted , inflamed or wide veins situated under the skin.
- Radial fiber helps in swelling or inflammation because of the heat transferred from laser

Additional Indications-

1. Liposuction
2. LVR(Vaginal Rejuvenation)
3. PLDD(Percutaneous Laser Disc Decompression)

Fibers

- **Bare fiber** – Used for cutting & Coagulation
- 400 & 600 micron fiber thickness available
- SMA 905A Connector
- Used for all the machine
- Used in Piles & Fissure
- Sterilized by using ethylene oxide
- **Radial Fiber** – Non cutting tip
- 600 micron thickness
- SMA 905A Connector
- Indicated in Fistula & Varicose vein
- Sterilized by using ethylene oxide
- **Conical fiber** –
- Only used for piles treatment
- SMA 905A Connector
- Sterilized by ethylene oxide
- 600 micron thickness



Accessories

- Hand piece – Straight & curved hand pieces are given along with machine.
- Proctoscope – Transparent half cut proctoscope .
- Foot switch & Wire
- Interlock key and power cable & adapter
- Metallic carry box & Key
- Warranty – 2years



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