

EVLT System for Varicose Vein Treatment

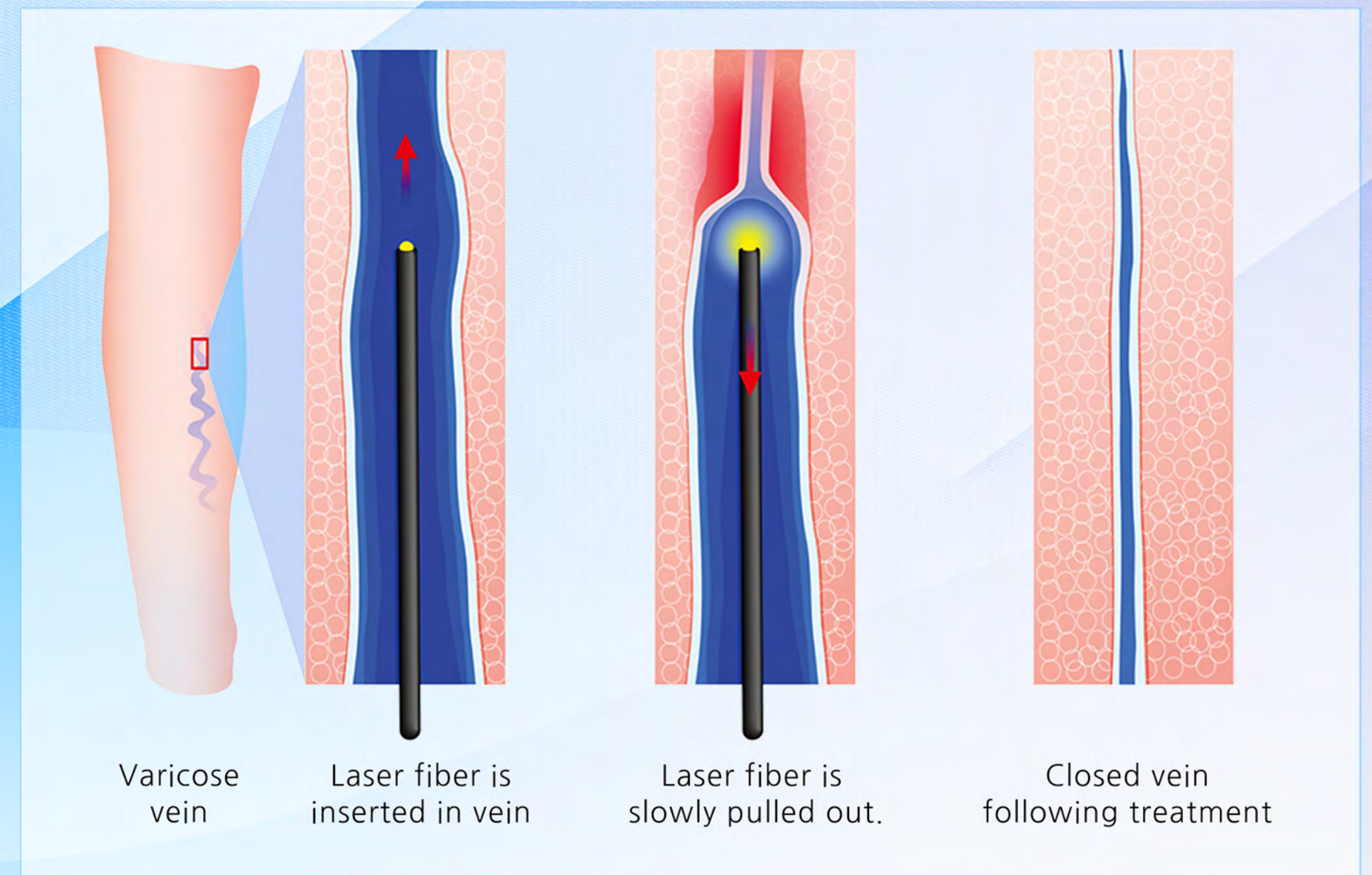
An endovenous laser treatment technology utilizing optical heat delivery for minimally invasive varicose vein therapy.

*For the
Quality
of your
Life*



“Correct the Vein. Restore Healthy Flow.”

EHDO EVLT-Fiber Optics Catheter Treatment With MIS



Endovenous Heat Delivery Optical- EndoVenous Laser Treatment

It enables minimally invasive procedures by delivering controlled laser energy into the affected vein, promoting vein closure and improving blood circulation. The system is intended to support safe, effective, and precise clinical treatment of venous insufficiency.

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DiodeLaser CT1940

[Model : TML1711]

The 4th-generation- 1940 nm laser features high water absorption, enabling precise, low-energy treatment with minimal thermal damage. As a fourth-generation laser, it delivers efficient vein closure with reduced pain and scarring in varicose vein treatment.



Features & Benefits

- High Water Absorption for Precise Treatment
- Enhanced Precision with Controlled Energy Delivery
- Reduced Side Effects and Minimal Patient Discomfort
- Fast Recovery with Minimal Thermal Damage
- Safe and Reliable Vein Closure
- Enables Precise and Controlled Procedures

Specification

Laser Wave Length	1940nm±30nm	Dimension	210x350x295(mm)
Laser Classification	Class IV (IEC60825-1:93 A2:2001)	Weight	7.9(kg)
Laser type and Output	Diodelaser, 0~10W(CW)	Rated Voltage	220 VAC
Guide Laser	650nm, RED	Rated Frequency	60 Hz
User Interface	7" TFT LCD with touch panel	Power Consumption	Max. 324 W
Connector Type	SMA905	IP Environment Code	IPX0
User Safety	Foot pedal, lock key, Emergency switch	OverHeat Protection Temperature	over 35℃ (Laser module)

Fiber Optic Catheter

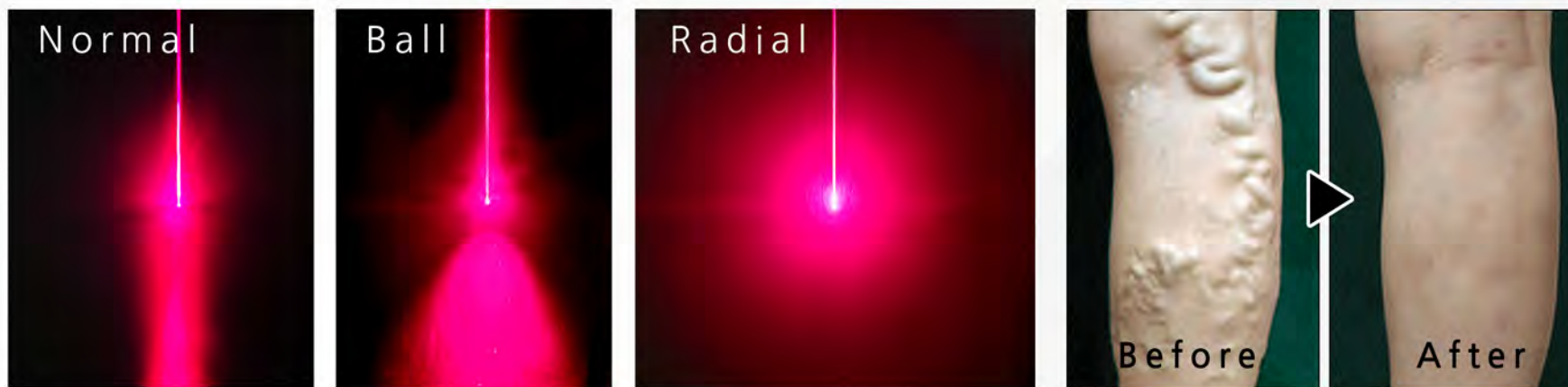
[Model : HTF1491]

A fiber optic catheter features additional machining at the distal tip of a standard fiber to increase the laser emission angle, enhancing treatment effectiveness through more uniform energy distribution.



It was packed in dual sealing system with Tyvek Pouch (HDPE)and LDPE/ Nylon film.

Laser Emission Patterns



Varicose vein is often occurred by a backflow blood due to an abnormal venous valve, resulting in higher blood pressure in the vein. The laser energy emitted from laser device is transmitted to abnormal veins through a fiber optic catheter which is thinner than hair.

Types of Fiber Optic Catheters

	Model name	Length	Thickness
Normal type HTF1491	HTF1491-6A	1.8m	Core : 600um, OD : 800um
	HTF1491-6B	2.2m	Core : 600um, OD : 800um
	HTF1491-6C	2.8m	Core : 600um, OD : 800um
Ball type HTF1491-B	HTF1491-B6A	1.8m	Core : 600um, OD : 800um
	HTF1491-B6B	2.2m	Core : 600um, OD : 800um
	HTF1491-B6C	2.8m	Core : 600um, OD : 800um
Radial type HTF1491-R	HTF1491-R6A	2.2m	Core : 600um, OD : 700um
	HTF1491-R6B	2.5m	Core : 600um, OD : 700um