

SMART^m

1940nm EVLA-System

PHLEBOLOGY



Effective
Gentle on skin and nerves
Safe and ergonomic

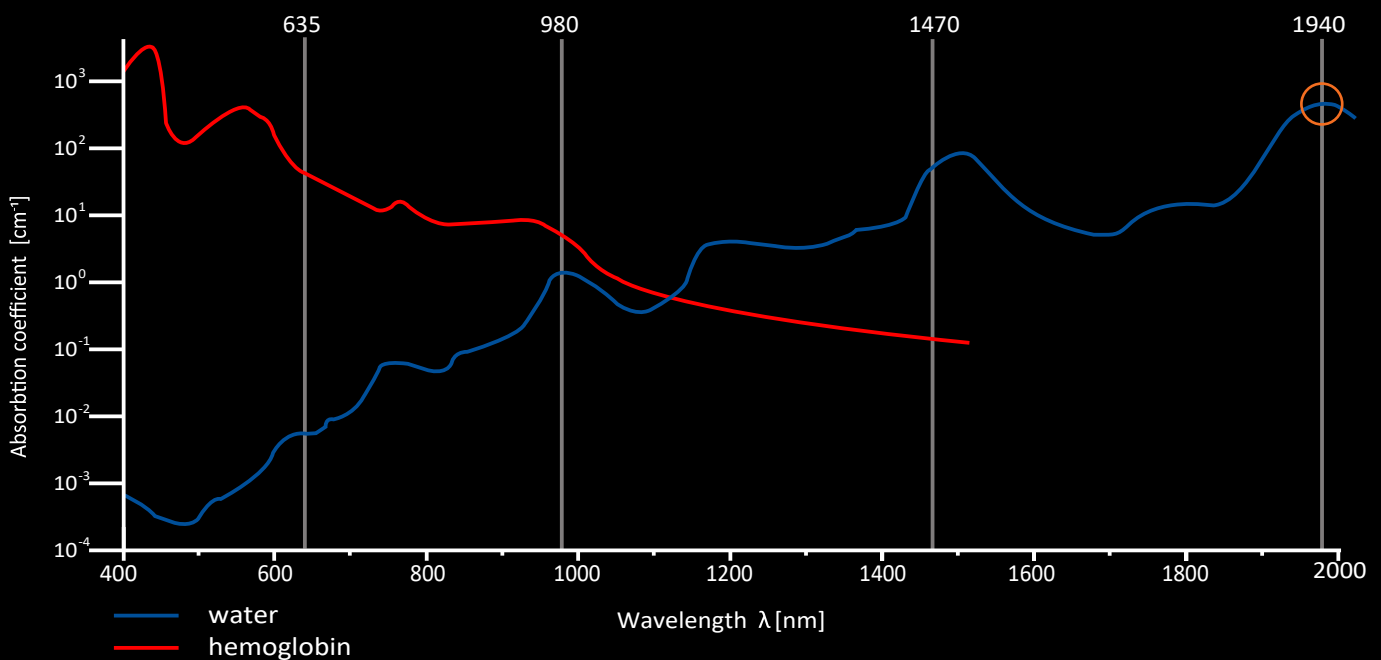
1940nm EVLA - gentle on skin and nerves

Due to the 4-fold higher absorption of the 1940nm laser in the water of the vein wall compared to 1470nm lasers, veins can be effectively closed with only 4-6 watts and significantly less energy (40-60J/cm). The heat fluence into the surrounding tissue is significantly lower and reduces the risk of skin and nerve lesions.

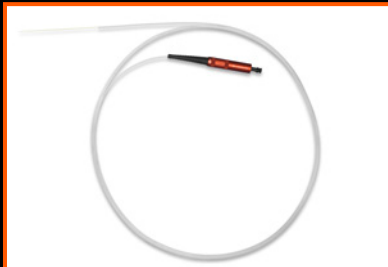
A metronome function supports constant fibre retraction rates and uniform ablation of the veins.

In addition, the laser wavelength of 635nm can be used for wound treatments. Thanks to its biomodulation effect, the regeneration process of the soft tissue is improved and post-operative pain and swelling can be reduced.

The use of the 635nm laser is recommended for patients suffering from inflammation, hard-to-heal wounds or ulcers to accelerate wound healing.



SMART – Innovative Laser Technology



German radial fibre,
400µm and 600µm



Introducer Set for fibers



Safety goggles



Intuitive operation



Lightweight and portable
(2.5 kg)



Comfortable workstation

- Over twenty years of experience in laser technology
- State-of-the-art German diode laser technology
- Intuitive user interface
- LEED Sound Remind Metronome function
- Expandable database with therapy protocols
- Very low operating costs
- Compact and lightweight unit
- Comfortable workstation

Configurations and Specifications

SMART CONFIGURATIONS	APPLICATIONS	
	EVLT	BIOMODULATION
1940nm	✓✓✓	
1940nm + 635nm	✓✓✓	✓✓✓
1470nm	✓✓	
1470nm + 635nm	✓✓	✓✓✓

✓ Standard ✓✓ Gold ✓✓✓ Platinum

WAVELENGTHS	1940nm	1470nm
Power	7W	15W
Aiming Beam	640nm / 3mW	640nm / 3mW
Operating Modes	CW or pulsating	CW or pulsating
Pulsation	500ms – 10 sec	500ms – 10 sec
Power supply	DC 24V/9.2A	DC 24V/9.2A
Weight	2.5 kg	2.5 kg
Touch Screen	7" TFT Touch Screen	7" TFT Touch Screen



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