



PHLEBOLOGY

ELVES[®] RADIAL[®]

The gold standard in endovenous
laser therapy

Technology
meets Anatomy



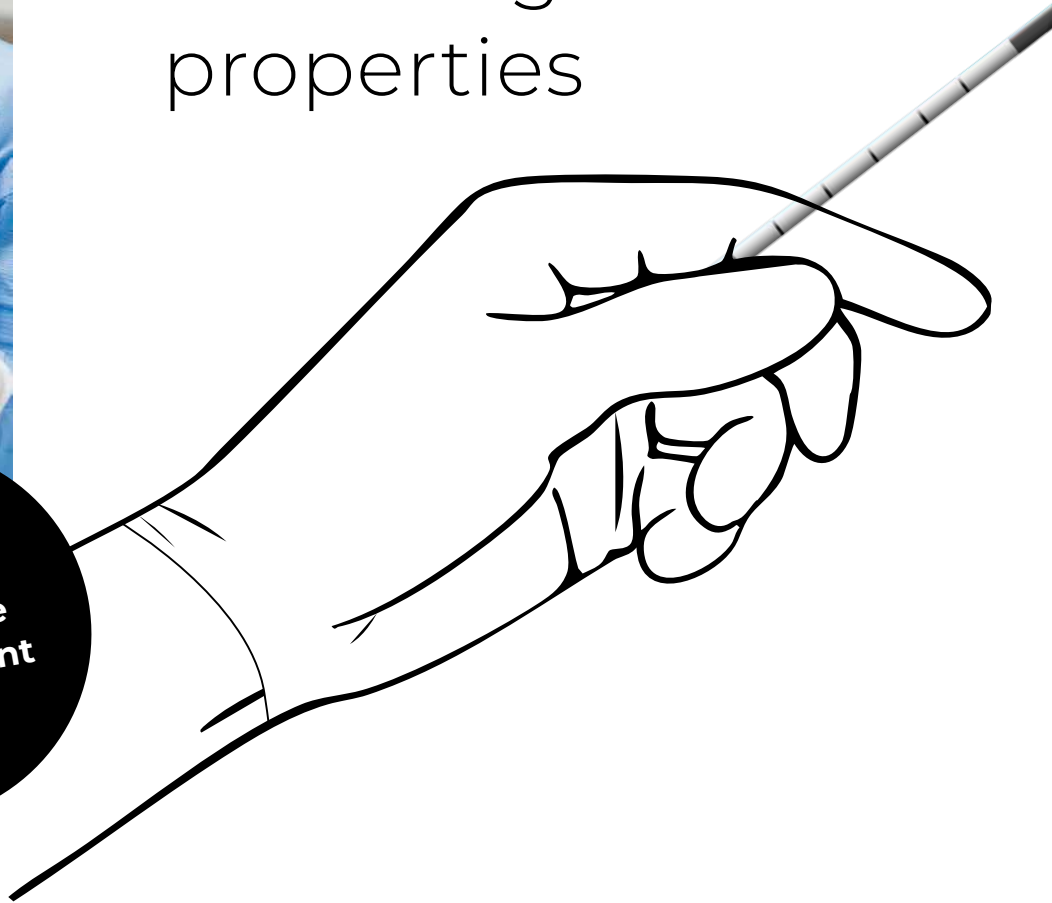
The
Original
Radial[®]

360°



Our fiber range for
greatest flexibility
matching all vein
properties

25 years of
constantly
chasing the
better patient
outcome



Your craft – our tools for

- Great saphenous vein
- Small saphenous vein
- Tributary veins
- Perforator veins & stumps
- Recurrences

Karathanos et al (2020) Conclusions:

EVLA with the 1470-nm **radial dual ring fiber** showed **better outcomes** in terms of early postoperative VCSSs and pain and physical CIVIQ scores **compared to sRFA and jacketed fiber.**

DOI: 10.1016/j.jvsv.2020.10.008



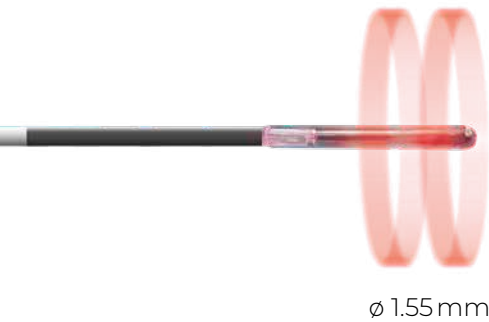


ELVES® RADIAL® 2RING STANDARD

Homogeneous standard (also for large vein calibres) up to 15W with 6Fr lumen.



Animation
2ring

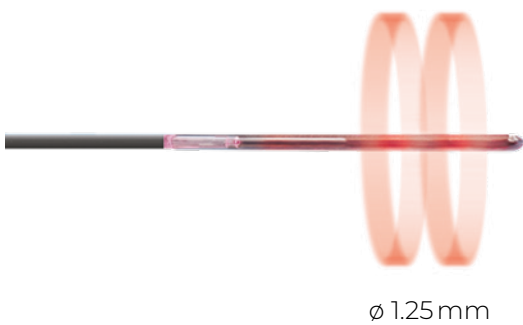


ELVES® RADIAL® 2RING SWIFT

10 or 12W standard protocol.
Direct puncture via 14GA or 5 Fr introducer.



Video
Dr. Abu-Nasir



ELVES® RADIAL® 2RING SLIM

For vein calibres up to 8 mm and 8 W max.
Direct puncture via 16 GA or 4 Fr introducer.



Animation
slim



ELVES® RADIAL® 2RING PRO

**Expand your possibilities
with the help of Pro Faser.**

Rinsing (with NaCl), foam sclerotherapy,
and suction (of residual blood in the vein)
via additional working channel.



Animation
ELVeS® Radial®
2 ring Pro



VALA complete
use in one patient



Laser + Sclero
Tipps and Tricks
Dr. N. Neaume



LEONARDO® 1470 nm

Proven and effective

- High absorption in water
- Safe, controlled ablation of the vein wall

LEONARDO® 1940 nm

1940 nm – Even more precise and gentle on tissue

- Higher water absorption than 1470 nm
- Lower penetration depth – optimal control
- Particularly suitable for sensitive anatomical areas

LEONARDO® DepthControl

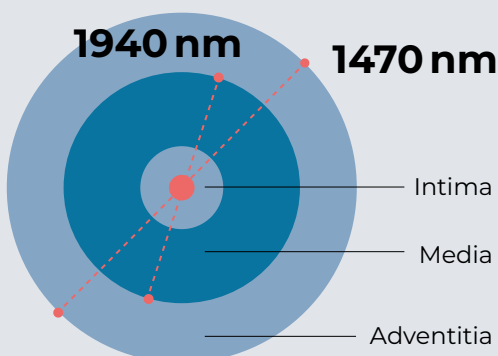
1470 + 1940 in combination

- Individually adjustable energy dosage and mixture of wavelengths
- Maximum effectiveness with minimum thermal stress

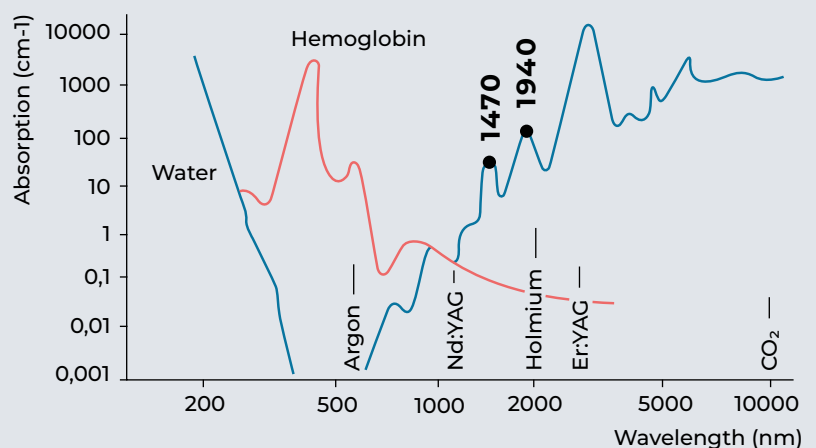
Choose your perfect fit from our broad laser portfolio

LEONARDO® Mini 1470 nm

Our lightweight unit to get started



DepthControl for a perfect match to cell water





Brochure
LEONARDO®
DepthControl



OUR LEONARDO® LASER

Technical Specifications

Model	LEONARDO® Mini 1470 Set	LEONARDO® 1470 Set	LEONARDO® 1940 Set	LEONARDO® DUAL 20 Set (LEONARDO® DepthControl)
REF	SL1470nm12W	SL1470nm15W	SL1940nm10W	SL1470+1940nm20W
Wavelength	12 W (1470 nm)	15 W (1470 nm)	10 W (1940 nm)	12 W (1470 nm) + 8 W (1940 nm)
Fiber diameter	≥ 360 µm	≥ 360 µm	≥ 360 µm	≥ 360 µm
Aiming beam	635 nm, max. 4 mW	532 nm and 635 nm, green 1 mW, red 4 mW, user controlled intensity	635 nm, red 4 mW, user controlled intensity	635 nm, red 4 mW, user controlled intensity
Treatment mode	CW, Pulse Mode, ELVeS® Signal	CW, Pulse Mode, ELVeS® Signal, ELVeS® Segment, Derma Mode	CW, Pulse Mode, ELVeS® Signal, ELVeS® Segment	CW, Pulse Mode, ELVeS® Signal, ELVeS® Segment
Pulse duration/ -break	0.01–180 sec / 0.01–180 sec	0.01–60 sec/ 0.01–60 sec	0.01–60 sec/ 0.01–60 sec	0.01–60 sec/ 0.01–60 sec
Power supply	110–240 VAC, 50–60 Hz (12 VDC @ 100 W)	110–240VAC, 50/60 Hz, 850 VA	110–240VAC, 50/60 Hz, 850 VA	100–240 VAC, 50/60 Hz, 850 VA
Batteries	Li-ion Batteries	–	–	–
Dimensions (H × W × D)	6 cm × 9 cm × 21.5 cm	28 cm × 37 cm × 9 cm	28 cm × 37 cm × 9 cm	28 cm × 37 cm × 9 cm
Weight	900 g	8.5 kg	8.5 kg	8.5 kg

All the laser sets described above (REF No.) include 3 pairs of safety goggles, foot switch, interlock connector, power cord and manual in a transport case

OUR FIBERS AND KITS

REF	Product	PU*	length [m]	ø fiber tip [mm]	CI**
503100150	ELVeS® Radial® slim Fiber, IC	5	2.5	1.25	4 Fr
503100155	ELVeS® Radial® slim 2ring Fiber, IC	5	2.5	1.25	4 Fr
503100140	ELVeS® Radial® swift Fiber, IC	5	2.5	1.5	5 Fr
503100142	ELVeS® Radial® swift 2ring Fiber, IC	5	2.5	1.5	5 Fr
503100100	ELVeS® Radial® Fiber, IC	5	2.5	1.85	6 Fr
503100170	ELVeS® Radial® 2ring Fiber, IC	5	2.5	1.85	6 Fr
503100145	ELVeS® Radial® 2ring Pro, IC	5	2.5	1.85	6 Fr
503100160-5	ELVeS® Radial® slim Kit / Venflon, IC	5	2.5	1.25	
503100156-5	ELVeS® Radial® slim 2ring Kit, IC	5	2.5	1.25	
503100141-5	ELVeS® Radial® swift Kit, IC	5	2.5	1.5	
503100143-5	ELVeS® Radial® swift 2ring Kit, IC	5	2.5	1.5	
503100130-5	ELVeS® Radial® Kit 6F, IC	5	2.5	1.85	
503100185-5	ELVeS® Radial® 2ring Kit 6F	5	2.5	1.85	
503100146-5	ELVeS® Radial® 2ring Pro Kit, IC	5	2.5	1.85	

*Packing unit ** compatible insertion devices

All fibers are free of latex and DEHP. Our fibers are single use products (unless otherwise indicated) delivered sterile for immediate use.

The Leonardo® laser systems are classified as Class 3R and Class 4 laser products according to IEC 60825-1 / EN 60825-1.

Avoid eye or skin exposure to direct or scattered radiation. Refer to the user manual for detailed safety instructions.

All our here described products are MDR certified.

CONTACT US

To Learn More About a Whole New World of Minimally Invasive Laser Therapies

ENT

Thoracic Surgery

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Proctology

Phlebology



Aesthetics

Thyroid Treatment

Orthopaedics & Pain Management

Gynaecology

Orthopaedics & Pain Management



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