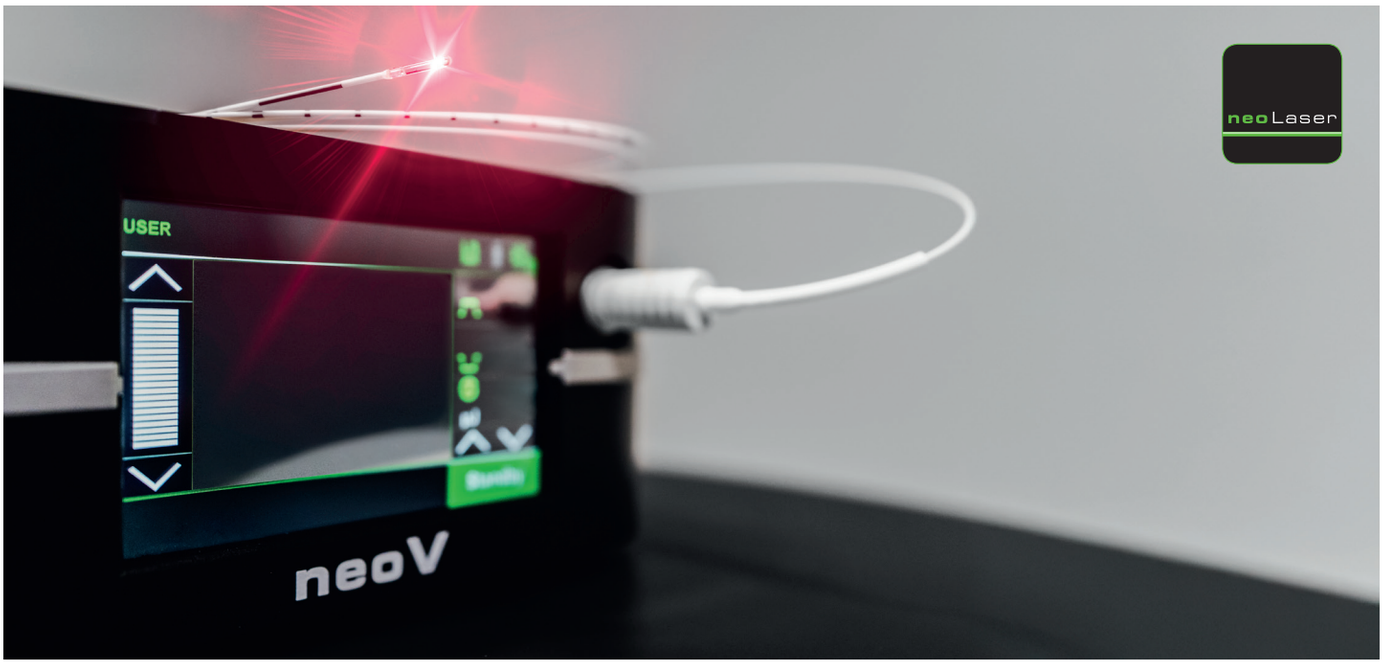

Precision fiber optics for phlebology

TOTAL EVLA Infinite Ring Fiber 500um 1.2mm Fused EU

Phlebology

Specialized optical fibers are essential tools in modern phlebology and proctology, enabling precise and minimally invasive treatments for conditions such as varicose veins and hemorrhoids. These high-performance fibers are designed for accurate energy delivery, supporting advanced laser therapies that promote safe, effective, and targeted care. With superior clarity, flexibility, and reliability, they enhance procedural outcomes by delivering controlled laser energy to delicate areas, improving patient comfort and recovery times. Tailored for demanding medical environments, optical fibers provide healthcare professionals with the precision and durability needed for consistent results in vascular and proctological treatments.



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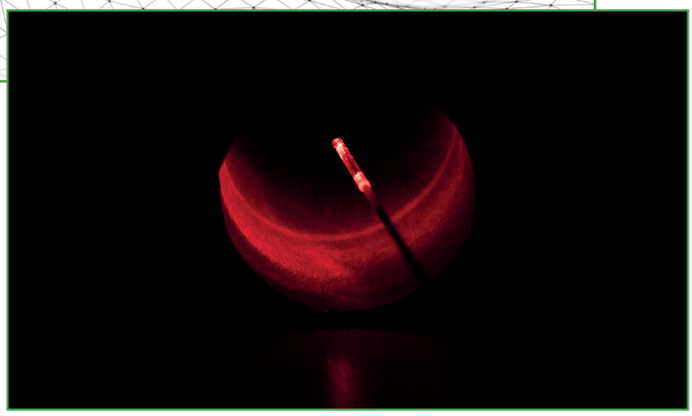

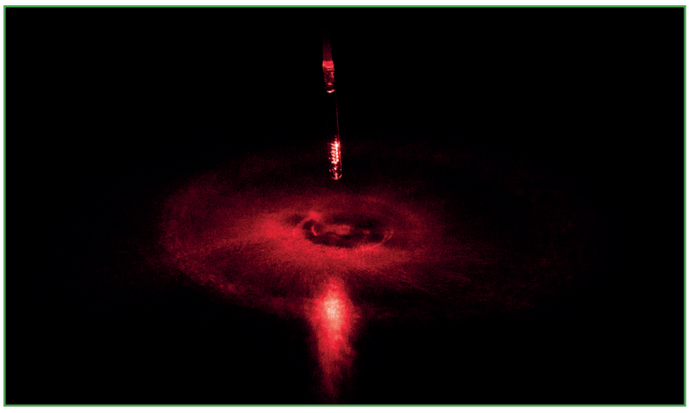

Phlebology

TOTAL EVLA Infinite Ring Fiber 500um 1.2mm Fused EU

The first fiber optimized for TOTAL EVLA treatments (GSV/SSV/Perforators)

Development for endovenous laser treatment of all veins in one session (vena saphena magna, vena saphena parva, and perforator veins) in patients with venous insufficiency. Providing cylindrical emission from a continuous section of ~4mm length, and having a 1.2mm outer diameter with a thick 500 micron core body, it is the first ever fiber optimized for all vein types and easy insertion through 16G needles.

Technical details

Outerdiameter (tip)	**1.2mm**
Standard length	**2.5 m**
Wavelength	**980 nm, 1470nm, 1940nm**
Typical transmission	**98%**
Emission angle	**Cylindrical emission from a 3-4mm section**
Core diameter	**500 µm**
Product Code	**OF98047**

Features

- Unique emission equivalent to numerous radial rings in a long continuous section
- Optimal uniformity of energy deposition along vein
- Potentially reduces sticking and carbonization in vein due to unique emission profile
- Rigid body for easy handling in all vein types
- 1.2mm diameter fitting 16G Needles
- No front firing