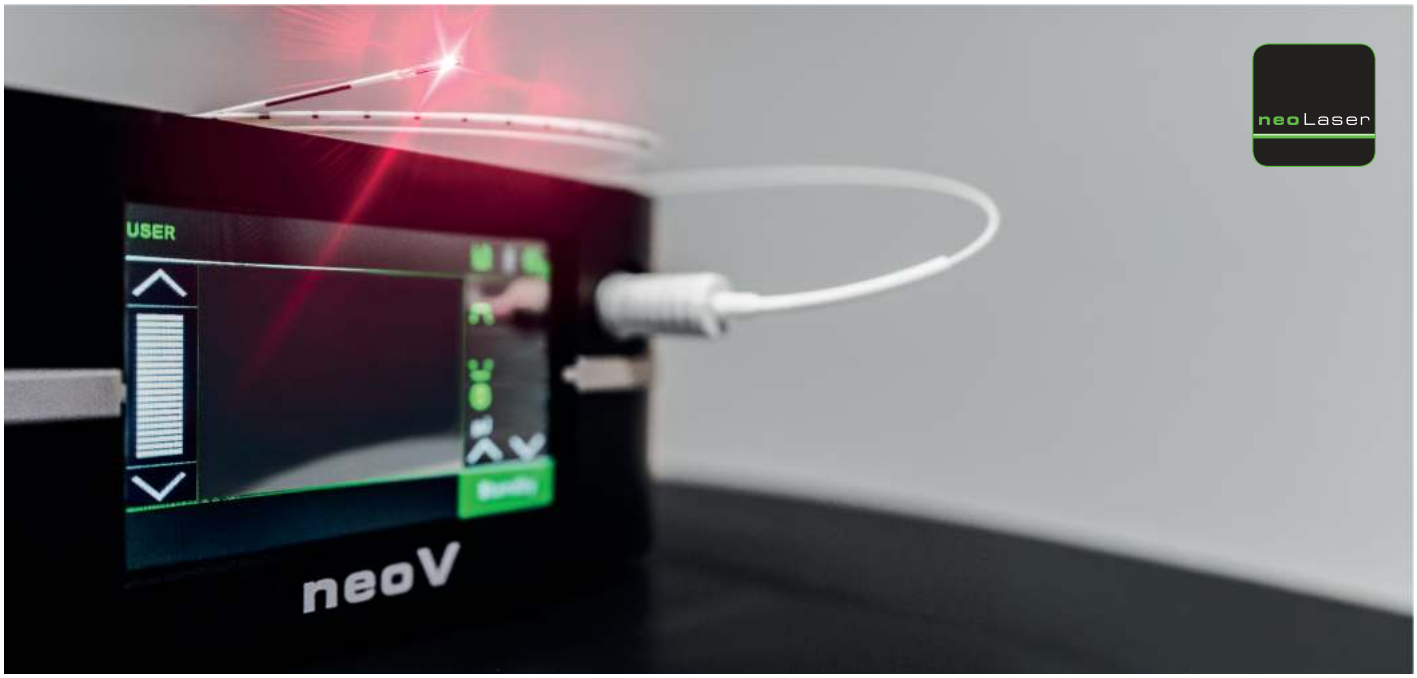


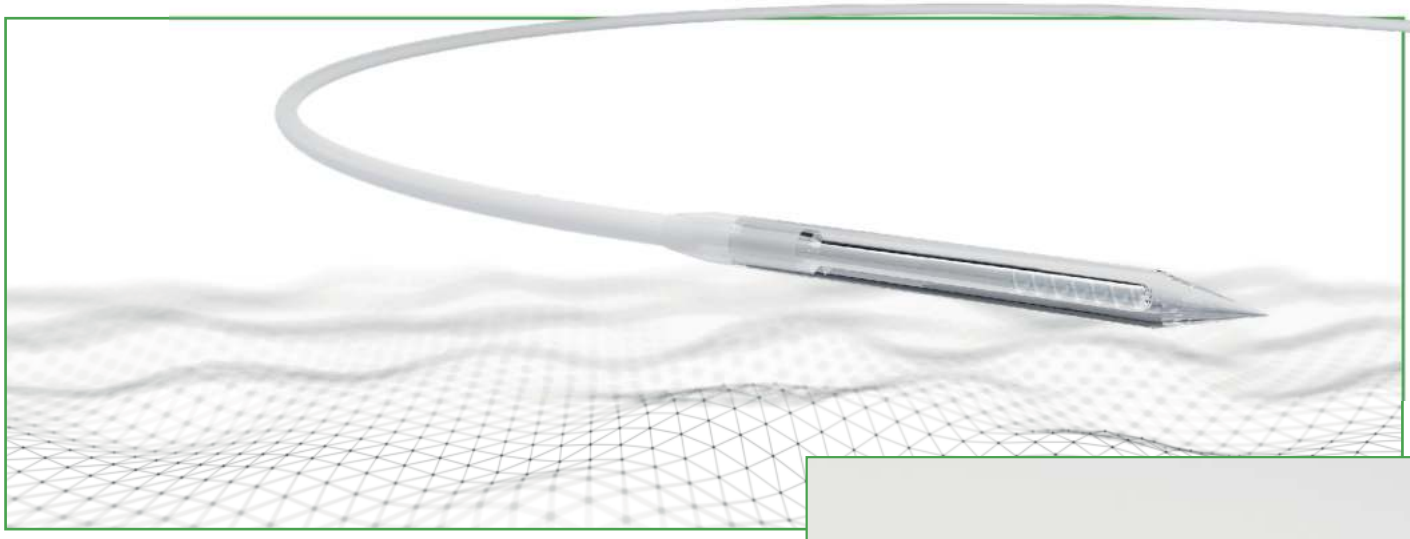
Precision fiber optics for proctology

CORONA Infinite Ring Hemorrhoid Probe

Proctology

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.







Proctology

CORONA Infinite Ring Hemorrhoid Probe

Minimal invasive laser therapy 2nd to 4th degree hemorrhoids

Definitive treatment of 2nd, 3rd, and specific 4th degree hemorrhoids by application of controlled laser energy, achieving shrinkage and coagulation of underlying blood supply, with limited side effects, and full preservation of the anoderm and mucous membrane, resulting in minimal pain and effective restoration of the natural anatomical structure and functionality. The proprietary new fiber tip design of the Infinite Ring Hemorrhoid Probe improves efficacy further by increasing emission area and further reducing peak temperatures, while spreading the energy over a larger effective volume.

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Technical details

Outerdiameter (tip)	**1.8 mm**
Standard length	**2.5 m**
Wavelength	**980 nm or 1470 nm**
Typical transmission	**98%**
Emission angle	**Cylindrical emission plus forward directed cone**
Numerical aperture	**up to 0.37**
Core diameter	**600 µm typically**

Features

- Unique and proprietary emission pattern enabling coagulation in front and around the fiber
- Special conical glass tip for easy insertion
- Effective laser emission into the hemorrhoidal node
- Maximized stability and durability
- Combined with special designed single use guiding needle