

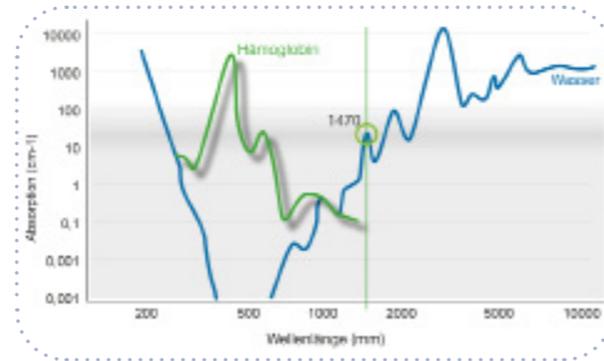


ENDOTEQ 1470 Laser

This laser provides you with a breakthrough laser design, 1470nm laser sources, in the smallest, lightest weight, most portable unit on the market, enabling precise, effective, and safe minimally invasive treatment of PLDD Surgery. Leveraging its superior probe technology the system offers procedures involving higher probability of success.

The optimal energy

The ENDOTEQ 1470 diode laser offers a wavelength with superior performance. In contrast to previous generations of laser therapy with deep tissue penetration, the 1470nm wavelength is highly absorbed by water in tissue. As a result heat generation is highly localized and application safe and precise.



Ease of use

The unit is controlled by a high resolution, high brightness and color touch screen with wide viewing angles to allow easy operation irrespective of location within OR, clinic or office. Surgeon and application presets can be stored allowing rapid and easy set-up. All fibers utilize patented plug-and-play connection. All these features will save you precious time.

ENDOTEQ 1470 Laser

Wavelengths	1470nm
Display	Color touchscreen
Output Power (Laser)	10 W
Aiming Beam	650nm, adjustable
Fiber Connection	proprietary
Operating Modes	CW, pulsed
Power Requirements	19V DC - 4,7A
Dimensions	10x22x22 cm
Weight (without case)	3,5 kg

PROCEDURE

PLDD is a minimally invasive procedure for treatment of herniated lumbar and cervical discs. It involves insertion of a micro-needle under X-Ray guidance into the disc nucleus. A fiber is then inserted through the needle and used to deliver laser energy to the nucleus. The delivered laser energy thermally evaporates excessive fluid reducing internal pressure and relieving back pain.

An innovative approach - using ENDOTEQ 1470 Laser - is to treat the bulge itself rather than to vaporize the Nucleus Pulposus. The focused 1470nm wavelength results in a confined effect and an energy efficient procedure.

ADVANTAGES

The ENDOTEQ PLDD FIBER SET includes everything you need for a safe, effective and minimally invasive PLDD procedure.

Procedure and Laser Advantages

The PLDD procedure offers a minimally invasive alternative for relieving back pain.

The procedure kit enables microsurgery precision, tactile feedback from the fiber, quick recovery for the patient, and use of only local anesthesia.

The laser special features include portability, ease-of-use, no maintenance or running costs, high reliability and stability.

ALL IN ONE SURGICAL SYSTEMIC PLDD SET

- 400 micron bare fiber with jacket protection
- 2 sizes of needles, 20G and 18G at your choice
- Y Connector allowing fiber entry and suction

ENDOTEQ PLDD FIBER | REF BFCSo00317

