

# CHERYLAS

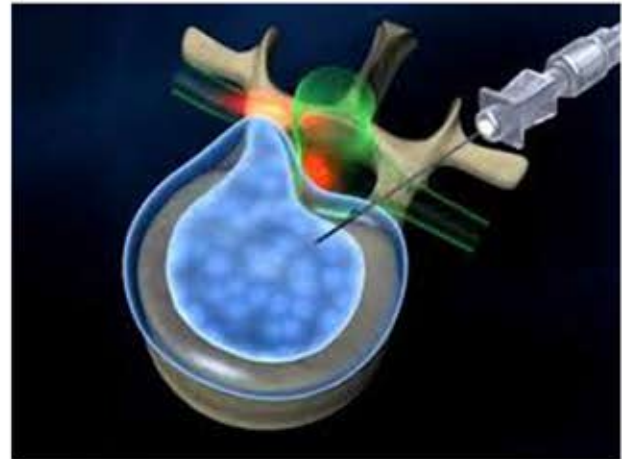
Laser For PLDD  
Minimally Invasive  
Spine Surgery



## PLDD (Percutaneous laser disc decompression)

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 is vaporizing the material and reducing internal pressure, relieving back pain.

The Cherylas 980nm may be used for PLDD procedures. The 980nm wavelength offers equal absorption by blood and water, enabling efficient and precise tissue ablation and coagulation as a multi-purpose surgical tool.



### Advantages

- Local anesthesia, minimally invasive surgery, non-bleeding
- Operation time is short, safe, effective
- Rapid recovery, fewer complications
- It can be used simultaneously for several treatments

### Accessories

PLDD Kit



Safety Goggles



Foot Switch



Fiber



Fiber Cutter



Fiber Stripper



### Specifications

Laser Type:	GaAlAs Diode Laser
Wavelength:	810nm/ 940nm/ 980nm/ 1210nm/ 1470nm
Peak Power:	15W/ 30W
Operation Mode:	CW, Single Or Repeat Pulse
Pulse Duration:	50us-3s
Repetition Rate:	0.2Hz- 10KHz
Pilot Beam:	Red Diode Laser Of 650nm, Power<5mW
Control Mode:	True Color Touch Screen
Transmission System:	Fibers Of 400um And 600um With SMA905 Connector
Dimensions:	380(W)*430(L)*220(H) mm
Weight:	11Kg

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