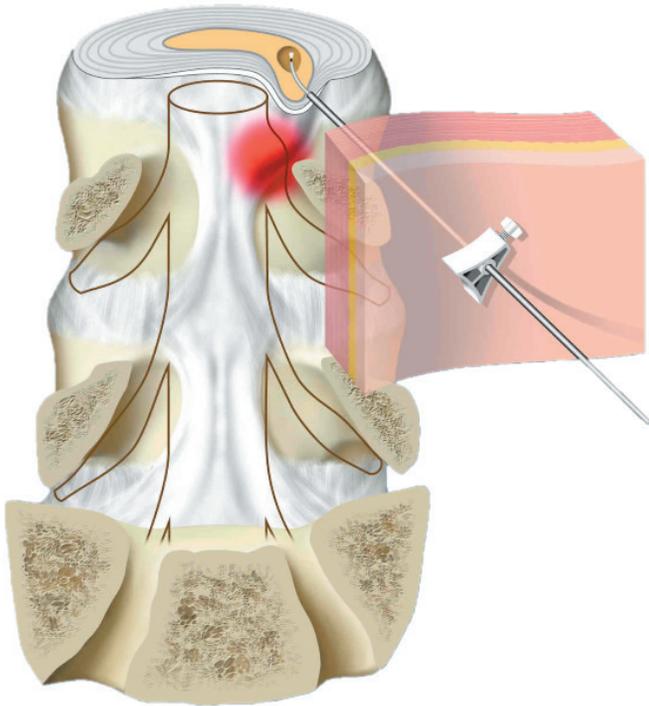


LASE[®]

Laser Assisted Spinal Endoscopy

WHEN
PRECISION
MATTERS

SMALL STEERABLE ENDOSCOPIC LASER SYSTEM



COST EFFECTIVE OUTPATIENT PROCEDURE

FOR TREATING PATIENTS WITH CONTAINED DISC
HERNIATIONS IN CERVICAL OR LUMBAR SPINE.



LASE® DISCECTOMY BENEFITS



Small 1.7mm Steerable Catheter:

Combining illumination, imaging, irrigation, suction and Ho:YAG laser.



Full visibility:

Physician can visualize tissue effects and confirm removal to help establish the procedure endpoint.



Truly minimally invasive:

Little or no skin scar with low morbidity.



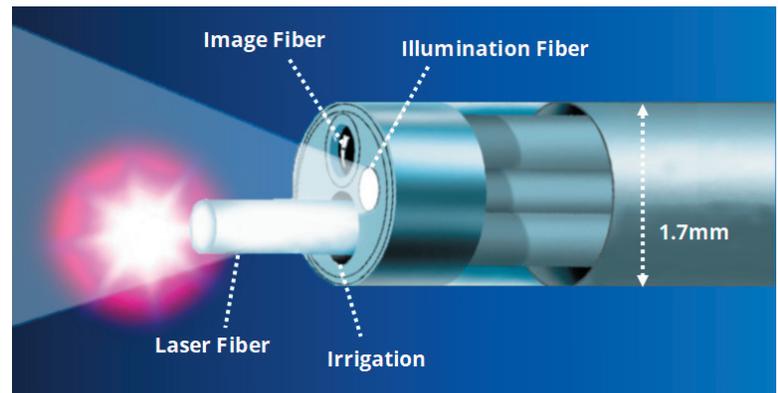
Continuous irrigation:

Keeps the disc cool and provides copious flushing to remove disc material.



Ease of use:

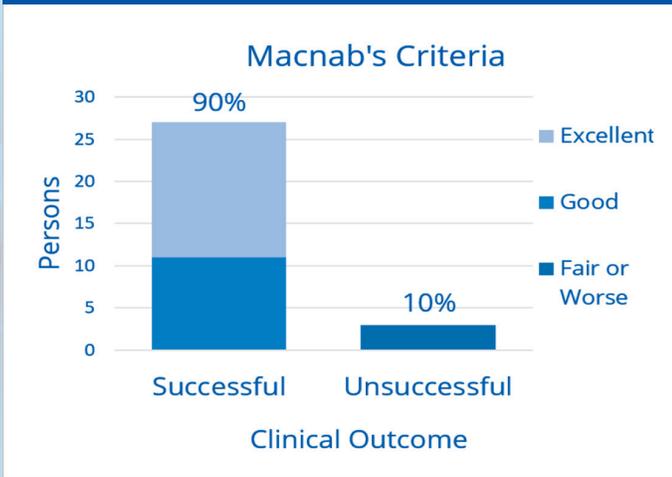
Combines guide needle, working channel, soft tissue dilator, trephine, and a steerable integrated LASE catheter in one sterile disposable set.



LASE CLINICAL BENEFITS

- For patients with persistent back and/or leg pain not responding appropriately to conservative therapy, LASE offers a minimally invasive treatment option with nominal complications.¹
- Evaporate and shrink nucleus for improvement of leg and radicular pain due to contained disc herniation.^{2,3}
- Targeted Ho:YAG laser treatment of inflamed disc granulation tissue associated with annular tears in treating patients with discogenic low back pain.²
- Continuous lavage with saline and antibiotics may help remove pain causing chemical mediators as well as prevent infection.²
- Outpatient procedure, most often done under local anesthetic. PLDD results in significantly lower cost from a healthcare perspective compared to conventional surgery.⁴
- Percutaneous laser discectomy complication rates have shown to be lower when compared to microdiscectomy.⁵
- Results of percutaneous laser decompression are equivalent or better than conventional surgery when performed on appropriately selected patients.^{3,6} Offers advantages of shorter operating time, shorter hospital stay and disc height preservation.⁷

Lee & Kang successfully treated patients with discogenic low back pain which resulted in a decrease in a mean back pain VAS score from 8.0 to 2.4²



Patel & Singh treated patients with back and/or radicular symptoms with LASE which resulted in a significant decrease in pain.¹

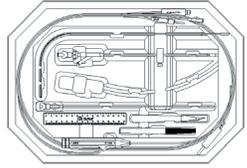


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ORDERING INFORMATION

LASE ORDERING INFORMATION

MODEL	DESCRIPTION	NOTES
1100-002	LASE Set (Coherent Compatible)	Single use kits 
1100-002 Short	Cervical LASE Set (Coherent Compatible)	

REUSABLE CAPITAL EQUIPMENT

MODEL	DESCRIPTION	NOTES
5154-100	Light Cable, ACMI-Storz, 1mm	Need one cable - type depends on camera 
5160-100	Light Cable, ACMI-Olympus, 1mm	
5161-100	Light Cable, ACMI-Wolf/Dyonics, 1mm	
5163-100	Light Cable, ACMI-ACMI, 1mm	
5169-100	Endoscopy Pump	Variable speed irrigation (LASE 30ml/min) 
5188-001	Eyepiece, for B-mount	Needed for B mount cameras 
5189-001	Coupler, C-mount, Focusable, 30K	Connects camera to LASE 
5189-901	Expansion Ring	Enlarges image 

ACCESSORIES

MODEL	DESCRIPTION	NOTES
3220-002	Forceps, Cup, 2mm, 28.5cm Long, Down	Reusable (Autoclavable) 
3240-002	Graspers, 2.0mm, 28.5cm Long	
35700	Forceps, Cup with Teeth, 2.0mm, 19.5cm, Down	
35701	Forceps, Cup with Teeth 2.0mm, 28.5cm, Down	
1100-905	Curved Cannula (Two per package)	Optional cannula for L5-S1 
5150-002	Tubing Set for Endoscopy Pump, LASE	Included with kit 