

Percutaneous assisted MIS Laminotomy L2/3, L3/4 +/- L4/5

Indication	Lumbar spinal stenosis
Position	PRONE
	OSI table, Wilson frame, mayo tray
Anae:	Remifentanyl Plain ETT +/- reinforcement tube NS with plain set, SCD
LA infiltration (need LABEL)	✓ Adrenaline (1:10,000) 10ml /amp x 1 ✓ 10 ml Normal Saline x 2 amp ✓ 0.5 % Levobupivacaine 10 ml/amp x 1 ✓ 3ml syringe x 1, 20ml Luer lock syringe x 1, 21G needle x 1 ✓ Skin marker x 1 ✓ L sterile stripe x 1
Instruments	N001, N004, N106 or N105 N503, N504, N505A, N509, N510 N805b, N807 +T321B +N002b if mic brought in
Endoscopy	on Loan Karl Storz Easy-Go 2 set x 4 Karl Storz TV system x 1, +/- 飛線 TV x1
X-ray	X-ray Flat panel
Supple Instruments	Lamp handle x 2 Karl Storz light source x 1
Irrigation to endoscope	3L NS (to confirm with surgeon warm 3L NS or room temp 3L NS) IV set x1 Insufflating tube (s) x 2
Consumables	Short raytec gauze, Abd swab Self-adhesive drape 75 x 75 4pcs Ioban 'M' 6650 x1 Blade No.20, 10, 11 x 1@ Bulb syringe x 2, 20 ml syringe on blunt needle x 2 set Bone wax, surgical L x 1 X-ray cover x 2, C-armor x 1 Disposable C-section sheet x 1 Insulated short and long blade, Long match head x 1 Orth spinal sucker x 1 +/- G22 spinal needle (for checking position) For microscope to add: Patties M, S 1@ +/- micro patties Mic drape
Sutures	2/O Vicryl 3/O nylon +/- 4/O Stratafix
Dressing	Cosmopore

Operating procedures:

1. GA ->
2. Positioning
PRONE on Wilson frame and OSI table, added one gel roll under pubic area
☐ Skin preparation
3. Draping
 - 3.1 self-adhesive drape 75 x 75 4pcs
 - 3.2 Ioban 6650
 - 3.3 Disposable drape x 1 to foot end, x1 to head side
 - 3.4 Disposable C-section sheet
4. IOM
 - 4.1 IOM with MEP, SSEP and EMG. Fluoroscopy confirm level.
5. Incision
 - 5.1 Right paramedian wound at L2/3 level.
 - 5.2 Storz Easy-GO 2 tubular retractors with sequential dilators inserted with the 25 degree Endoscope at L2/3 level
 - 5.3 MIS Laminotomy at L2/3 with right foraminotomy.
 - 5.4 Endoscopy tilted to contralateral side with left L2/3 foraminotomy.
 - 5.5 Endoscopy then tilted toward L3/4 level.
 - 5.6 IOM improved after decompression.
5. Closing
 - 5.1 Wound closed with 2-O vicryl for fascia.
 - 5.2 3-O nylon for skin.
 - 5.3 S Cosmopore.

NEURO THEATRE SETTING (TH8) for **Endospine**

- ❖ Patient prone, head towards X-ray board, foot towards panel
- ❖ Anaes machine arrange on the head side of patient
- ❖ Wilson frame, OSI table, gel roll
- ❖ Karl Storz HDTV 7
- ❖ Both hands keep in swimming Position
- ❖ Instrument arranged on the Left side of patient
- ❖ Diathermy keep at Left side of patient, Suction units keep at the end of OT table
- ❖ Two screens, one on left side, one on right side

