

Complexity of Endoscopic Spine Procedures

Quick Reference Card

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- > **PECCD** (Posterior Endoscopic Cervical Central Decompression)
- > **TETD** (Transforaminal Endoscopic Thoracic Discectomy)
- > **TE-ULBD** (Thoracic Endoscopic Unilateral Laminotomy for Bilateral Decompression)
- > **Endoscopic Fusion**

- > **PECF** (Posterior Endoscopic Cervical Foraminotomy)
- > **EELD** (Extraforaminal Endoscopic Lumbar Discectomy)
- > **TE-LRD** (Transforaminal Endoscopic Lateral Recess Decompression)
- > **ICELF** (Interlaminar Contralateral Endoscopic Lumbar Foraminotomy)
- > **LE-ULBD** (Lumbar Endoscopic Unilateral Laminotomy for Bilateral Decompression)
- > **TELF** (Transforaminal Endoscopic Lumbar Foraminotomy)

- > **IELD** (Interlaminar Endoscopic Lumbar Discectomy)
- > **TELD** (Transforaminal Endoscopic Lumbar Discectomy)
- > **IE-LRD** (Interlaminar Endoscopic Lateral Recess Decompression)
- > **MBT** (Medial Branch Transsection)

> **1b = c (eg, deformity [b] + degeneration [b] = c)**

Reference

Farshad M, et al. *N Am Spine Soc J*. 2025;22:100603. doi:10.1016/j.xnsj.2025.100603.

Morphological Complexity			Technical Complexity
III			
II			
I			
	a	b	c

- > Easy access (eg, interlaminar L5-S1)
- > Soft disc herniation

- > Level-specific difficulty (eg, transforaminal L5-S1)
- > Relevant deformity/ spondylolisthesis
- > Severe degeneration
- > Calcified disc herniation
- > Osteodiscal stenosis

- > Potential danger to critical structures (eg, vertebral artery looping)
- > Scarring (eg, revision at the same side)