

Decompressive Laminectomy Versus Laminectomy With Transpedicular Fixation in Lumbar Spinal Stenosis

NCT07281625

Status	RECRUITING
Phase	Early Phase 1
Sponsor	Punjab Health Care Commission
Enrollment	60 participants

Key Eligibility Criteria

Inclusion (5)

- Age 30-60 years
- Diagnosis of lumbar spinal stenosis based on MRI criteria (anteroposterior canal diameter \leq 10-15 mm or cross-sectional area \leq 75-145 mm²)
- Multilevel disc herniation
- Degenerative disc disease with Pfirrmann grade 3-5 on T2-weighted MRI
- Failure of at least six weeks of conservative treatment

Exclusion (5)

- Previous history of lumbar spine surgery
- Spinal malignancy
- Congenital lumbar spinal stenosis, scoliosis, or kyphoscoliosis
- Lumbar spondylolisthesis grade 3-5
- Significant comorbidities including diabetes mellitus or ischemic heart disease

Locations (1 total)

Services Institute of Medical Sciences, Lahore, Punjab Province, Pakistan