

Lumbar laminoplasty

- The Potential Role of the Posterior Elements in Lumbar Spine Laminoplasty to Protect the Intervertebral Disc and Improve Walking Ability-Retrospective Comparative Study
- Incidence and risk factors of dysphagia after cervical laminoplasty
- Comparison of spinal instability and postoperative complications between laminoplasty and laminectomy surgery for spinal cord tumors
- The fate of cerebrospinal fluid after unrecognized incidental durotomy in cervical spine surgery
- The Cervical Vertebral Bone Quality Score Is a Novel Reliable Index Reflecting the Condition of Paraspinal Muscles and Predicting Loss of Cervical Lordosis After Open-Door Laminoplasty
- Lumbar Spinal Stenosis: Pathophysiology, Biomechanics, and Innovations in Diagnosis and Management
- Challenges of Treating a C2 Odontoid Fracture in an Elderly Patient With Multiple Comorbidities: A Case Report
- Does Approach Matter? Comparison of Early Postoperative Life-threatening Complications in Elderly Patients With Multilevel Cervical Stenosis

Despite the fact that microsurgical lumbar laminoplasty is an effective and less-invasive method for decompressing spinal nerves compared to traditional laminectomy, few surgeons have adopted it because the technique is more time-consuming and requires specialized training and equipment (operating microscope).

In 1981, Getty et al. ¹⁾ performed a prototype of partial **undercutting** facetectomy for LSS to provide stability during nerve root decompression. A long-term, retrospective study of 57 patients who underwent the facet-sparing surgery was performed ²⁾

¹⁾

Getty CJ, Johnson JR, Kirwan EO, Sullivan MF. Partial undercutting **facetectomy** for bony entrapment of the lumbar nerve root. J Bone Joint Surg Br. 1981;63-B(3):330-5. doi: 10.1302/0301-620X.63B3.7263743. PMID: 7263743.

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Sanderson PL, Getty CJ. Long-term results of partial undercutting facetectomy for lumbar lateral recess stenosis. Spine (Phila Pa 1976). 1996 Jun 1;21(11):1352-6. doi: 10.1097/00007632-199606010-00015. PMID: 8725928.

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