

Lumbar Spinal Schwannoma Case Reports

- Extradural malignant melanotic nerve sheath tumor of the lumbosacral spine: a diagnostic and surgical challenge
- Burkitt's lymphoma presenting as multiple nerve sheath tumors of the cauda equina
- Cerebrospinal fluid leakage complicated by intracranial hematoma and cervical infection following resection of dumbbell schwannoma in the cervical canal: a case report and literature review
- Intramuscular schwannoma presenting as treatment-resistant lumbar radiculopathy: Case report
- Mobile schwannomas of the spine: Diagnostic and surgical considerations of two cases
- Intradural extra-medullary spinal cord tumor after dorso-lumbar spine fixation following 12th dorsal vertebra burst fracture: A case report with literature review
- Utility of intraoperative fluorescence imaging with indocyanine green for diagnosing spinal schwannoma: A case report
- Full-Endoscopic Resection of a Lumbar Intradural Tumor (Schwannoma): Video Case Report and Description of the Surgical Technique

A video article reports a rare case of a right L5/S1 foraminal root schwannoma that presents the natural course of the disease, imaging findings, treatment protocol, and operative procedure, and highlights some of the possible surgical complications.

Clinical presentation: Magnetic resonance imaging (MRI) revealed an intradural, extramedullary, well-enhanced mass at the right L5/S1 level. The operative procedure involved a right minimal L5/S1 laminotomy/foraminotomy posteriorly to open the right L5 root. The facet joints were preserved to prevent spinal instability. The tumor was located along the root after opening the right L5/S1 foramen. Intraoperative electromyography (IOM) was conducted to detect any nerve injury in the patient. After opening the dura, the tumor was carefully separated from the normal root nerve under IOM monitoring. The mass was removed piece-by-piece using mini-forceps.

Conclusion: Histopathological examination confirmed the diagnosis of a schwannoma. The patient recovered without incident after surgery with minimal soreness and numbness in the right leg ¹⁾.

¹⁾

Lee CC, Chuang HY, Chang CC, Lin HL, Cheng CH. Minimally Invasive Resection of a Foraminal Lumbar Root Schwannoma. Int Med Case Rep J. 2024 Feb 12;17:125-129. doi: 10.2147/IMCRJ.S445098. PMID: 38370605; PMCID: PMC10870991.

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