

Thoracic spinal cord ependymoma

- How many cases of spinal intramedullary ependymoma surgery are required to achieve stability? - Analysis using X-bar charts
- Clinical Characteristics, Histopathological Profile, and Postoperative Outcomes of Tumoral Radiculomedullary Compressions
- Primary spinal meningeal melanoma with intramedullary and intradural extramedullary components-a case report
- Intramedullary Spinal Cord Metastasis in Spinal Ependymomas
- Clinical characteristics and prognostic factors of primary spinal subependymoma: a single-center cohort study and systematic review
- Factors Determining Rehabilitation Needs After Intradural Spinal Tumor Surgery: A Prospective Study
- MYCN-amplified spinal ependymomas: a rare aggressive subtype. Illustrative cases
- MRI findings in six dogs with ependymoma of the brain and spinal cord

Thoracic [spinal cord ependymomas](#) are [intramedullary tumors](#) that arise from the [ependymal](#) cells lining the central canal of the [spinal cord](#). They are the most common [intramedullary spinal cord tumors](#) in [adults](#) and frequently occur in the [thoracic region](#).

In a operative video manuscript, [James K. Liu](#) from the Departments of Neurological Surgery and Otolaryngology-Head and Neck Surgery, Center for Skull Base and Pituitary Surgery, Neurological Institute of [New Jersey](#), demonstrates an illustrative step-by-step technique for microsurgical resection of a thoracic intramedullary [spinal cord ependymoma](#) (T-3 to T-5) associated with an extensive cervicothoracic [syrinx](#). The application of a handheld non-contact [CO2 laser](#) for performing the midline [myelotomy](#) is also highlighted. The [operative technique](#) and surgical nuances, including the surgical approach, intradural tumor removal, and closure, are illustrated in this video atlas. The video can be found here: <http://youtu.be/itE2tuBFmgw> ¹⁾.

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<html><iframe width="420" height="315" src="https://www.youtube.com/embed/itE2tuBFmgw"
frameborder="0" allowfullscreen></iframe></html>
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Thoracic spinal cord ependymoma presenting with ejaculatory failure. Case report ²⁾.

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Liu JK. Laser-assisted microsurgical resection of thoracic intramedullary spinal cord ependymoma. Neurosurg Focus. 2012 Jul;33(Suppl 1):1. doi: 10.3171/2012.V2.FOCUS12142. PubMed PMID: 26016400.

²⁾

Berciano J, Gutiérrez J, Rebollo M, Dierssen G. Thoracic spinal cord ependymoma presenting with ejaculatory failure. Case report. J Neurosurg. 1982 Jan;56(1):143-4. PubMed PMID: 7054411.

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