

James K. Liu

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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¹⁾

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.

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