Minimally invasive surgery for synchronous, same-level lumbar intradural-extramenedullary neoplasm and acute disc herniation

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Schwannomas are the most common intradural-extramenedullary spinal tumors, with an estimated incidence of 3 to 10 cases per 100,000 people. With continued advances in minimally invasive surgery (MIS) over recent years, MIS techniques have been utilized by spine surgeons in the resection of intradural spinal neoplasms with favorable surgical results and clinical outcomes. This video demonstrates a rare case of symptomatic, synchronous, same-level lumbar intradural-extramenedullary neoplasm and acute disc herniation, both of which were successfully treated using a single MIS approach. Surgical pearls and nuances are discussed to better delineate technique and minimize potential complications.

The video can be found here: http://youtu.be/78ibbicBRUk.


Key Words • minimally invasive • intradural-extramenedullary • spinal tumor • schwannoma • disc herniation • video