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Percutaneous endoscopic spine minimal invasive technique for the decompression therapy of thoracic myelopathy caused by ossification of the ligamentum flavum

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## **Abstract**

**Background:** Percutaneous endoscopic technique via interlaminar approach is one of the prevalent minimal invasive procedures in the treatment of lumbar disc herniation even lumbar spinal stenosis. The aim of this report is to perform complete decompressions for the cases with thoracic ossification of the ligamentum flavum using percutaneous endoscopic technique.

**Case Description:** We experienced surgical decompressions of two patients with thoracic myelopathy caused by OLF using percutaneous endoscopic surgery via interlaminar approach. After surgery, the patients complained the preoperative neurological symptoms were improved significantly. Postoperative thoracic computed tomography showed the ossification of ligaments was removed completely.

**Conclusion:** We have applied the percutaneous endoscopic technique for

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