

Thoracic disc herniation

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- [Comparative analysis of mini-open trans-thoracic transpleural and posterior approaches in thoracic disc herniation surgery: A 10-year retrospective review](#)
- [Transforaminal Endoscopic Thoracic Discectomy Is More Cost-Effective Than Microdiscectomy for Symptomatic Disc Herniations](#)

Key concepts

- comprise only 0.25% of [disc herniations](#), and < 4% of operations for herniated disc
- usually occur at or below [T8](#) (the more mobile portion of the [thoracic spine](#))
- frequently calcified ∴ get CT through the disc (may affect the choice of surgical approach)
- primary indications for surgery: refractory [pain](#), progressive [myelopathy](#)
- surgical treatment: [laminectomy](#) is usually not appropriate for midline or calcified discs

Epidemiology

[Thoracic disc herniation epidemiology](#).

Classification

see [Thoracic hard disc herniation](#) or Calcified thoracic disc herniation or Sclerosing thoracic disc herniation

see [Thoracolumbar disc herniation](#).

Etiology

The sequelae of [Scheuermann's disease](#) probably contribute to the development of symptoms ^{1) 2) 3) 4)}.

Clinical features

see [Thoracic disc herniation clinical features](#).

Diagnosis

see [Thoracic disc herniation diagnosis](#).

Treatment

see [Thoracic disc herniation treatment](#).

Case series

Yüce İ, Kahyaoğlu O, Çavuşoğlu HA, Çavuşoğlu H, Aydın Y. Midterm outcome of [thoracic disc herniations](#) that were treated by microdiscectomy with bilateral decompression via unilateral approach. J Clin Neurosci. 2018 Dec;58:94-99. doi: 10.1016/j.jocn.2018.09.033. Epub 2018 Oct 9. PubMed PMID: 30314918.

Case reports

see [Thoracic disc herniation case reports](#).

References

1)

Bradford DS, Garica A. Neurological complications in Scheuermann's disease. A case report and review of the literature. J Bone Joint Surg Am. 1969 Apr;51(3):567-72. PubMed PMID: 5781590.

2)

Chiu KY, Luk KD. Cord compression caused by multiple disc herniations and intraspinal cyst in Scheuermann's disease. Spine (Phila Pa 1976). 1995 May 1;20(9):1075-9. Review. PubMed PMID: 7631238.

3)

Lesoin F, Leys D, Rousseaux M, Dubois F, Villette L, Pruvo JP, Petit H, Jomin M. Thoracic disk herniation and Scheuermann's disease. Eur Neurol. 1987;26(3):145-52. PubMed PMID: 3569368.

4)

VAN LANDINGHAM JH. Herniation of thoracic intervertebral discs with spinal cord compression in kyphosis dorsalis juvenilis (Scheuermann's disease); case report. J Neurosurg. 1954 May;11(3):327-9. PubMed PMID: 13163735.

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