





Endoscopic Transnasal Odontoidectomy

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Abstract

Keywords

- odontoidectomy
- ► endoscopic transnasal surgery
- endoscopic cervical decompression
- craniovertebral junction

Background Odontoidectomy may represent the treatment of choice for symptomatic ventral craniovertebral junction stenosis in selected cases. An endoscopic transnasal approach has been proposed as an alternative to a classic transoral approach. **Method** We report a case of a patient with a craniovertebral junction stenosis due to the ossification of the posterior ligament. The clinical and radiological records of the patient and a step-by-step description of the surgical technique are presented (**Fig. 1**). **Conclusion** Endoscopic transnasal odontoidectomy provides a direct access to the dens and adjacent structures of the anterior upper cervical spine with a less invasive burden on the oropharingeal structures.

The link to the video can be found at: https://youtu.be/Ofrk1sFTV9I.

Conflict of Interest None declared.



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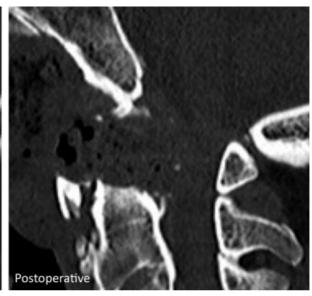


Fig. 1 Pre- and postoperative sagittal CT.