



Left Far Lateral Transcondylar Approach for Resection of a Ventral Foramen Magnum Meningioma

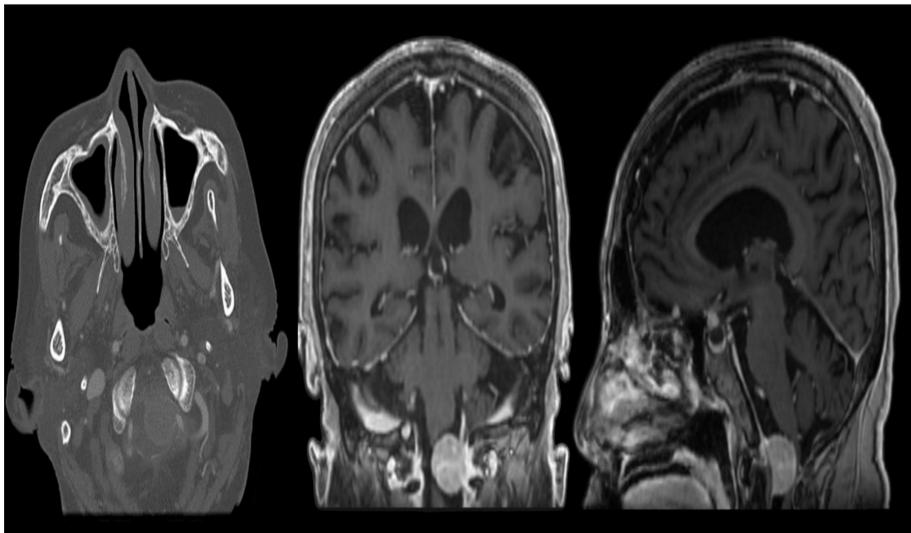


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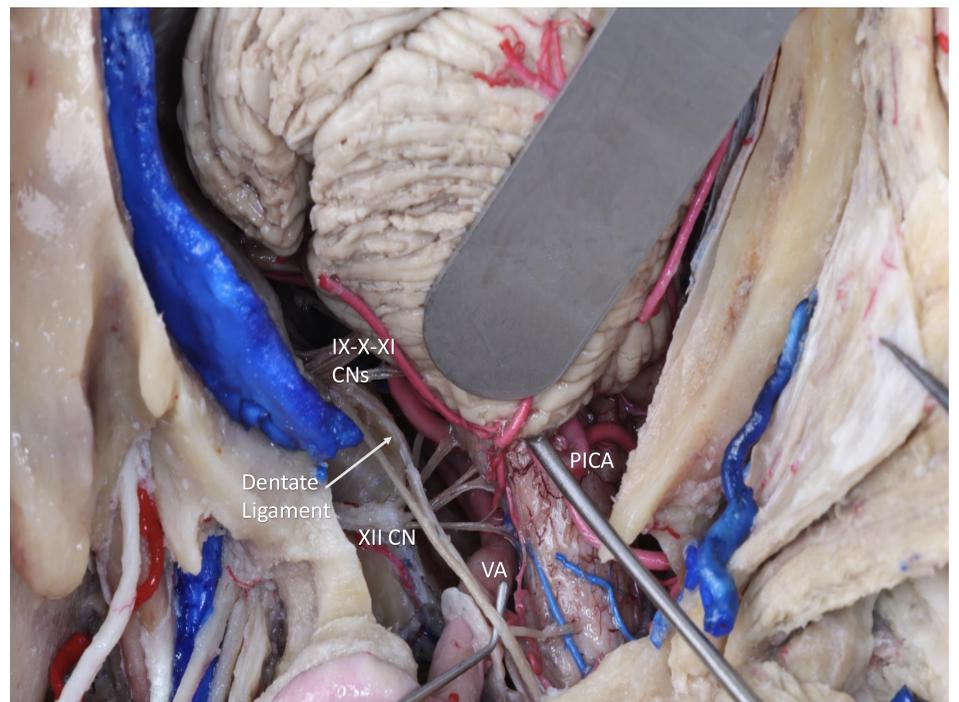
Case Presentation

- **82-year-old woman** with progressive ventral foramen magnum meningioma
- **Severe brainstem compression**, minimal neurological deficit and pain
- **Left V4 encasement** and **PICA abutting the posterior tumor margin**



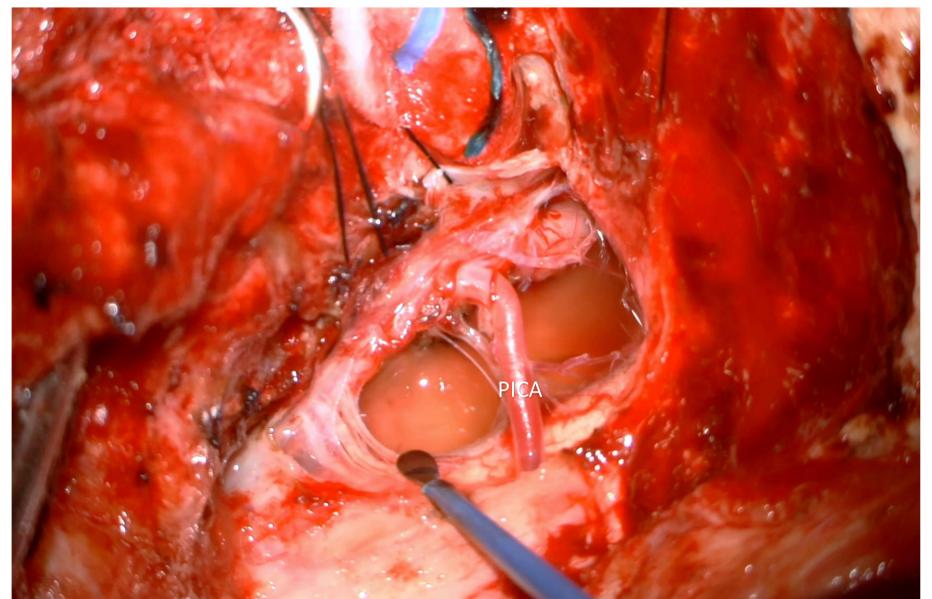
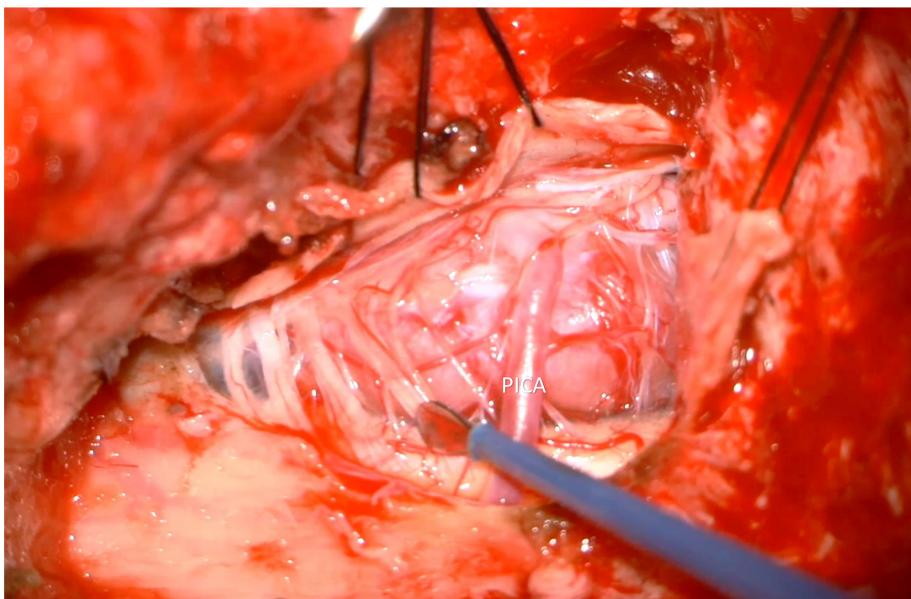
Key Anatomical Landmarks of the Approach

A far-lateral approach was performed, followed by partial drilling of the occipital condyle to enhance ventral exposure of the foramen magnum.

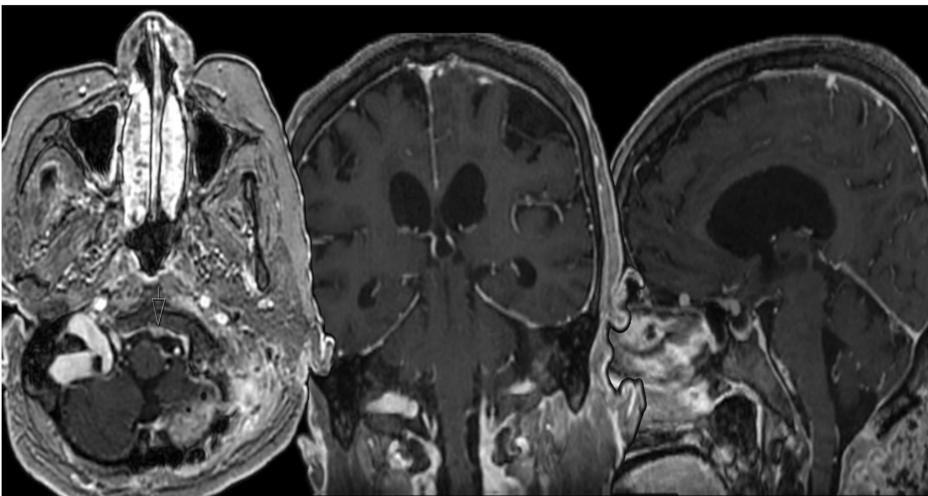


Intraoperative Challenges and Microsurgical Strategy

Surgical challenges included a fibrotic, firm tumor, encasement of the vertebral artery at its dural entry point, and a rare variant with a proximally arising PICA draped over the tumor. Near-total resection was achieved with complete neurovascular preservation.



Postoperative Clinical & Radiological Outcomes



Pathology confirmed a Meningioma WHO 1.

POD 22: Patient developed bacterial meningitis, successfully treated.

1-year follow-up: Significant improvement in neck pain, no lasting complications.

Contact

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