



Understanding the Translabyrinthine Approach for Neurosurgery Residents: Operative & Educational Video

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Abstract

This video demonstrates translabyrinthine resection of a 3.2 cm left vestibular schwannoma in a 67-year-old woman with progressive hearing loss and new trigeminal symptoms. Near-total resection (~99%) was achieved with cranial nerve monitoring, preserving facial function. Postoperative House-Brackmann II palsy resolved in five weeks. The video highlights surgical anatomy, stepwise technique, intraoperative decision-making, and complication avoidance, providing neurosurgery residents an educational framework for managing large vestibular schwannomas via the translabyrinthine approach.

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