

Endoscopy-assisted presigmoid retrolabyrinthine approach

The EAPRA can provide direct access to the CPA along with labyrinthine complex conservation, allowing hearing function preservation and minimal cerebellar retraction. Endoscopic assistance is a crucial adjunct in the presigmoid retrolabyrinthine approach in order to address the limits imposed by labyrinthine complex preservation. It ensures complete visualization of the intracanalicular portion of the schwannoma, thus improving the rate of a radical tumor resection. The EAPRA could represent a valid surgical option in vestibular schwannoma surgery ¹⁾ ²⁾.

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Iacoangeli M, Salvinelli F, Di Rienzo A, Gladi M, Alvaro L, Greco F, Carassiti M, Scerrati M. Microsurgical endoscopy-assisted presigmoid retrolabyrinthine approach as a minimally invasive surgical option for the treatment of medium to large vestibular schwannomas. *Acta Neurochir (Wien)*. 2013 Apr;155(4):663-70. doi: 10.1007/s00701-012-1591-y. Epub 2013 Jan 30. PubMed PMID: 23361635.

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d'Avella D, Mazzoni A, Zanoletti E, Martini A. Microsurgical endoscopy-assisted presigmoid retrolabyrinthine approach as a minimally invasive surgical option for the treatment of medium to large vestibular schwannoma. *Acta Neurochir (Wien)*. 2013 Apr;155(4):671-3. doi: 10.1007/s00701-012-1599-3. Epub 2013 Jan 13. PubMed PMID: 23314987.

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