

CASE VIDEO

Endoscopic resection of Intralabyrinthine Schwannoma followed by Cochlear implantation

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Abstract

We present the case of a 65years old patient who developed a complete, sensorineural hearing loss on the right side due to an intravestibular schwannoma. Our video shows a transcanal, endoscopic approach with complete schwannoma removal on the right side, subsequent e-BERA recordings, and cochlear implantation.

KEYWORDS

cochlear implantation, endoscopic ear surgery, Intralabyrinthine Schwannoma

We present the case of a 65years old patient who developed a complete, sensorineural hearing loss on the right side due to an intravestibular schwannoma. Our video shows a transcanal, endoscopic approach with complete schwannoma removal on the right side, subsequent e-BERA recordings, and cochlear implantation (case Video S1). The use of an endoscope allows improved visualization of anatomical structures. If cochlear and neural structures remain intact, simultaneous cochlear implantation with hearing restoration is feasible.¹

AUTHOR CONTRIBUTIONS

Lohnherr V: video editing, abstract. Anschuetz L: surgery, review and editing. Mantokoudis G: review and editing. Caversaccio M: resources, supervision. Weder S: surgery, review and editing.

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None.

CONFLICT OF INTEREST

There are no conflicts of interest, financially, or otherwise.

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DATA AVAILABILITY STATEMENT

The data that support the findings of this study are available from the corresponding author upon reasonable request.

CONSENT

Written informed consent was obtained from the patient to publish this report in accordance with the journal's patient consent policy.

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and hearing rehabilitation. *J Neurol Surg B Skull Base.* 2019;80(2):196-202.

SUPPORTING INFORMATION

Additional supporting information can be found online in the Supporting Information section at the end of this article.

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