



# Transcanal Microscopic Transpromontorial Approach for Vestibular Schwannoma

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## Abstract

**Objectives** This video demonstrates the transcanal transpromontorial approach for resection of vestibular schwannoma.

**Design/Setting/Participants** Present study is based on a video of a single patient undergoing the above approach at a tertiary care skull base surgery program.

**Results** This video demonstrates a transcanal microscopic transpromontorial approach for resection of an enlarging intracanalicular vestibular schwannoma in a young patient with nonserviceable hearing. The video highlights the pertinent surgical anatomy and outlines, in a step-by-step fashion, the approach to the internal auditory canal via this minimally invasive approach. The surgical indications and reconstructive techniques are also discussed (► **Fig. 1**).

**Conclusions** A transcanal microscopic transpromontorial approach for vestibular schwannoma is feasible and offers a minimally invasive option for patients electing for microsurgical resection.

The link to the video can be found at: <https://youtu.be/-oKkRooytws>.

## Keywords

- vestibular schwannoma
- lateral skull base
- transpromontorial approach
- minimally invasive

## Conflict of Interest

None declared.



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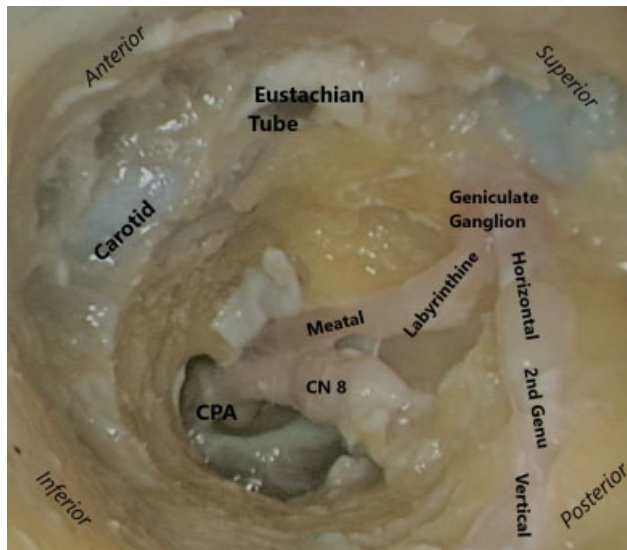
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**Fig. 1** Cadaveric dissection of transpromontorial approach demonstrating internal auditory canal contents. CN, cranial nerve, CPA, cerebellopontine angle.