Optimal Extent of Endoscopic vs Microscopic Surgery in Cholesteatoma Extending Beyond the Inner Ear/Facial n.

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Disclosure

• None
48yom Cholesteatoma m/p Congenital

- Chief complaint – Left facial paralysis
- Dx of cholesteatoma at the age of 22y
  - Deferred surgery
- Physical Examination:
  - Normal otoscopy
  - Complete Left Facial n. palsy (HB 6/6)
  - HIT – pathological saccade with head thrust to left
- Left ear - anacusis
Non-EPI DWI MRI positive for cholesteatoma
Microscope vs. EES?
Development and Validation of an Endoscopic Ear Surgery Classification System

Michael S. Cohen, MD; Razan A. Basonbul, MBBS, MPH; Samuel R. Barber, MS; Elliott D. Kozin, MD; Alejandro C. Rivas, MD, FACS; Daniel J. Lee, MD, FACS

*Laryngoscope, 128:967–970, 2018*

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EES = endoscopic ear surgery.
For Cholesteatoma Limited to the Middle Ear Cleft – Extension Beyond Middle of Lateral SCC Possible Limit for Exclusively (Class 3) EES
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### TABLE I.
EES Classification System.

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EES = endoscopic ear surgery.
5 months post op

Patient consented to the use of the video
- 27yom, s/p 2Xmastoid surgery for cholesteatoma
- Conductive hearing loss
- Normal facial n. function
- Low gain in Posterior SCC on cHIT
  - Otherwise normal vestibular function

Facial n.

Non-EPI DWI MRI positive for cholesteatoma
Thoughts

• Endoscope’s ability to see around corner

• Extended drilling under microscope