

# **Temporal Bone**

## **Normal Anatomy**

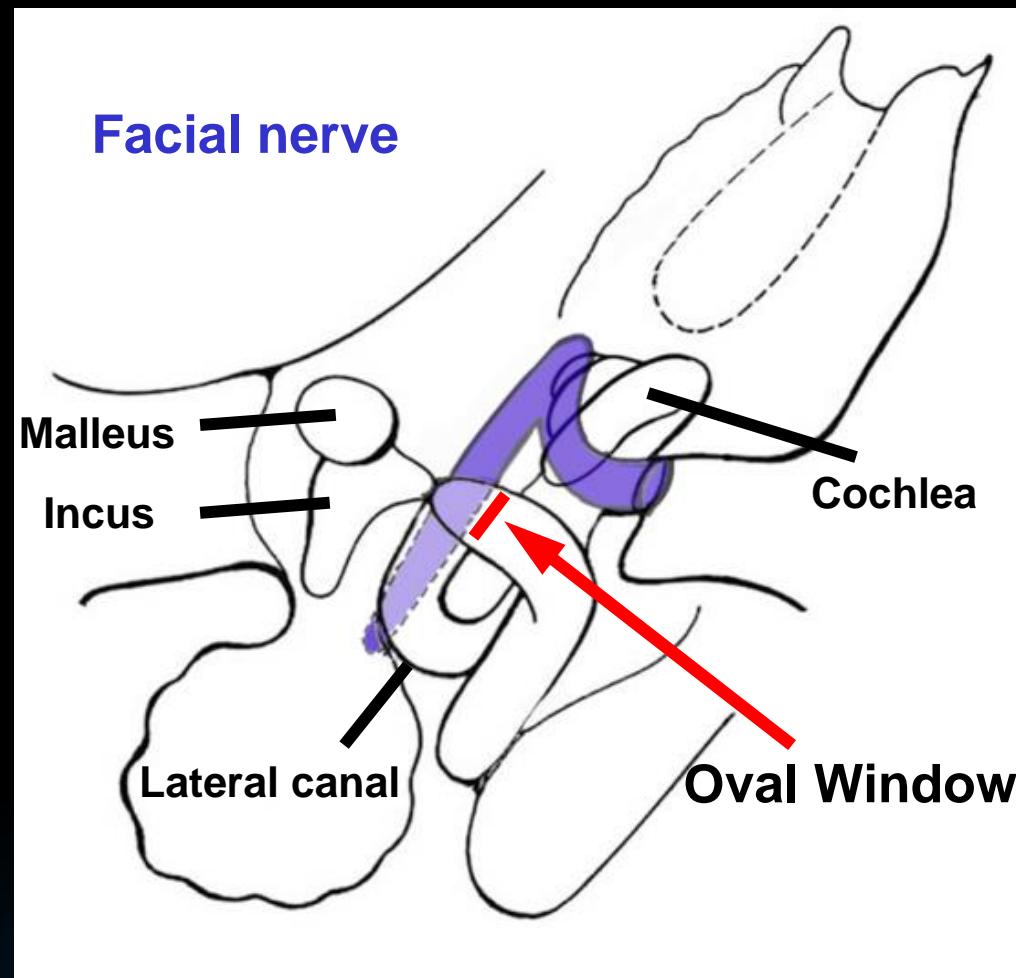
## **Computed Tomography /Histology Correlation**

**Otopathology Laboratory**  
**Department of Radiology**  
**Massachusetts Eye and Ear**

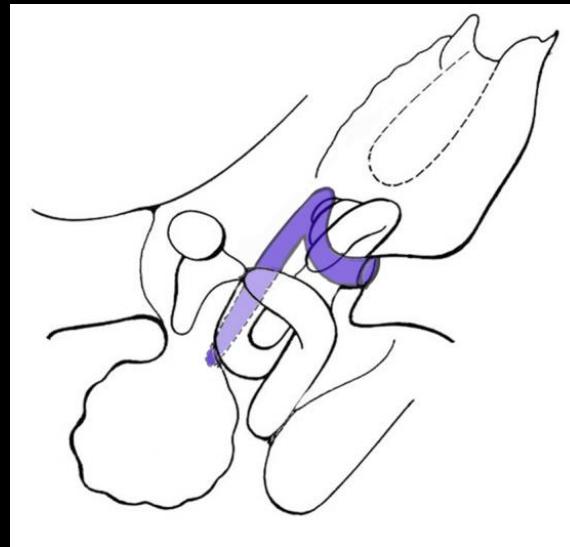
Eric F. Curtin  
Barbara J. Burgess  
Dianne D. Jones  
Jennifer T. O'Malley  
Hugh D. Curtin MD

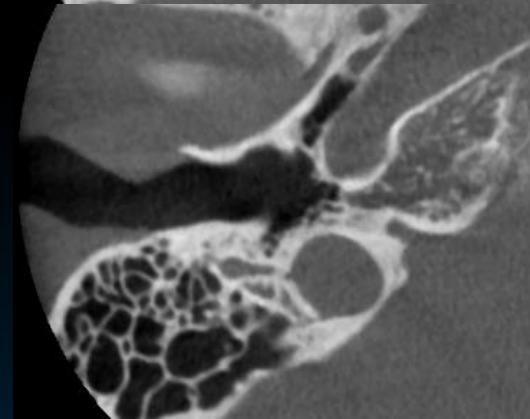
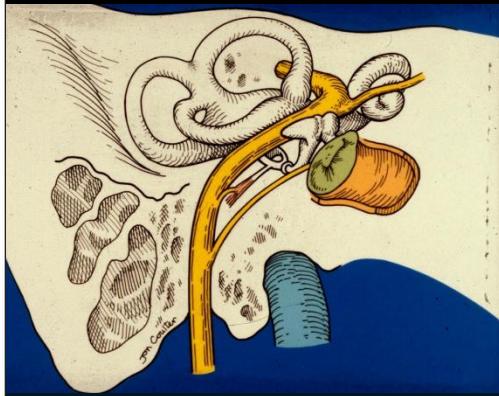
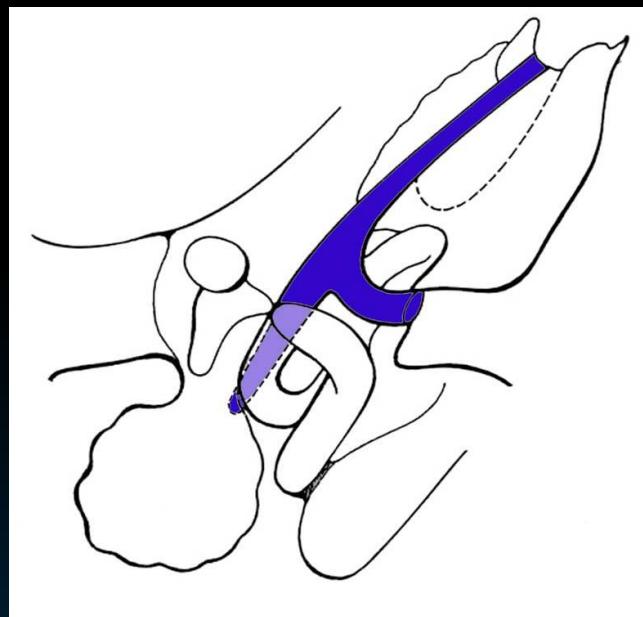
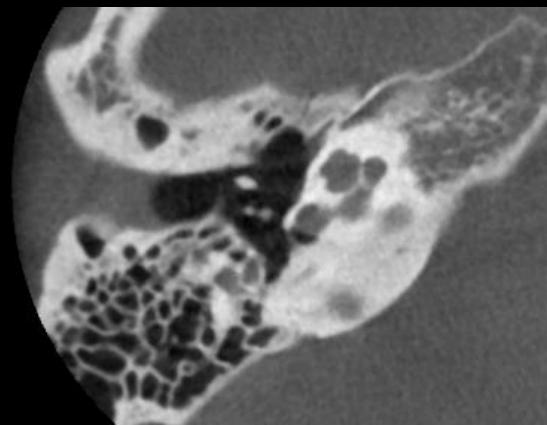
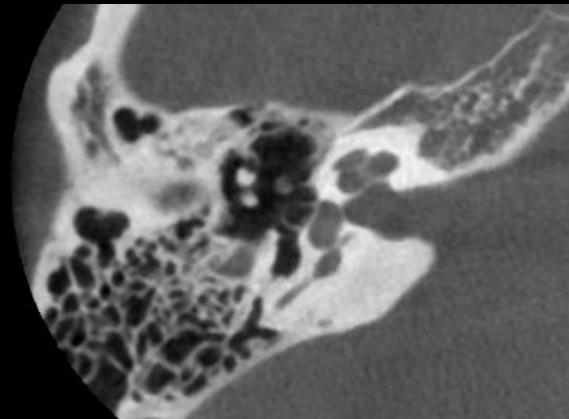
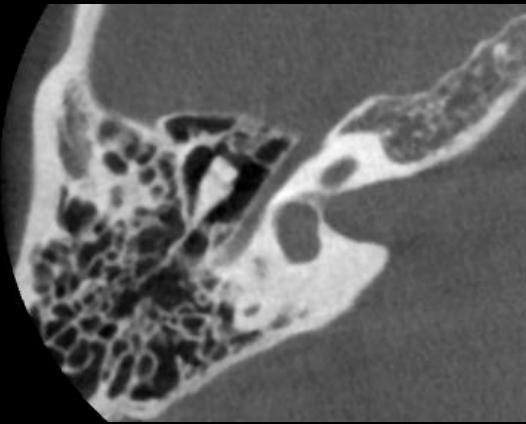
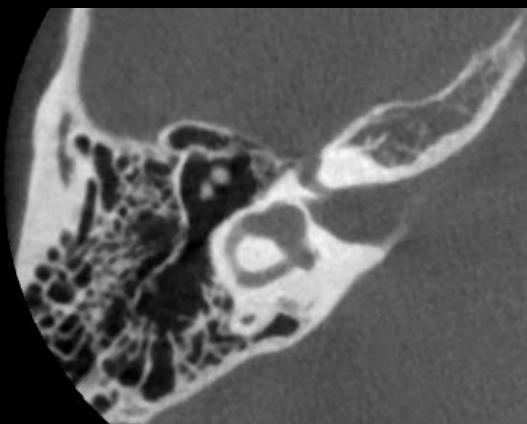
[Otopathologylaboratory.org](http://Otopathologylaboratory.org)



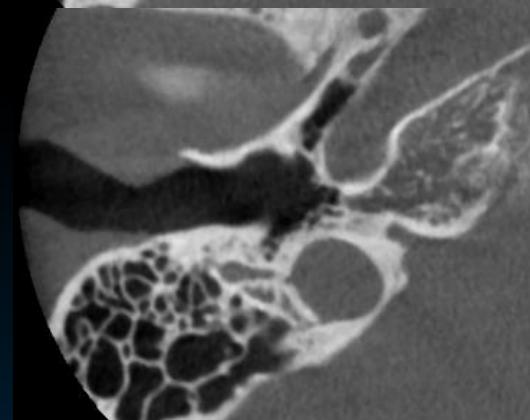
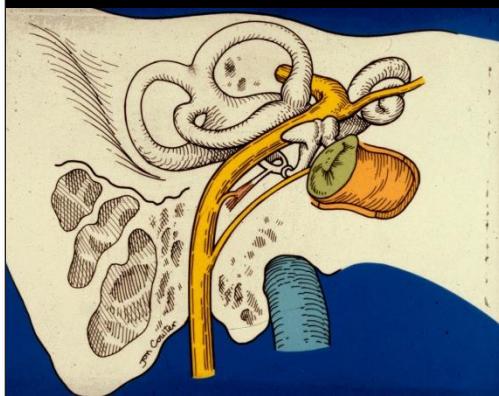
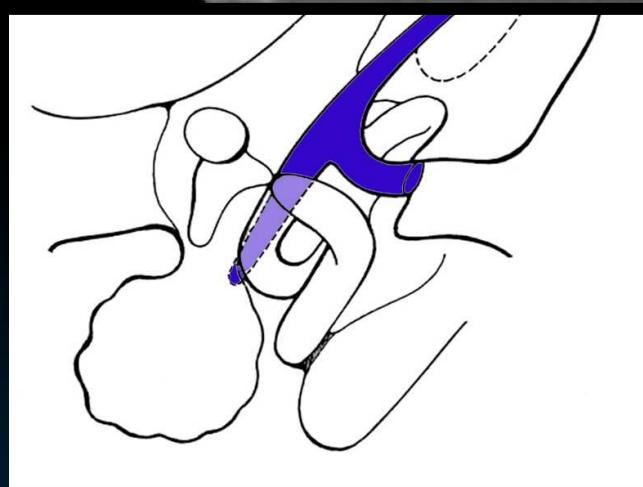
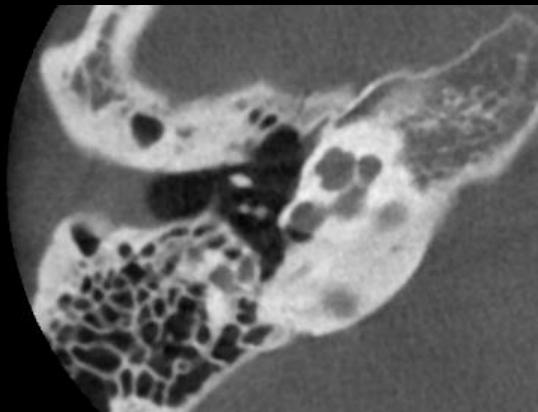
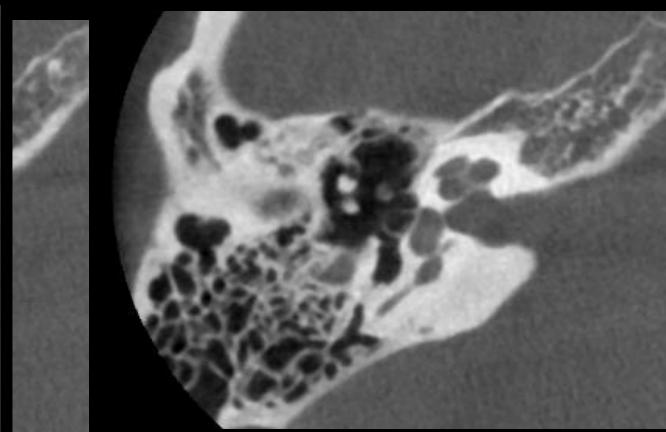
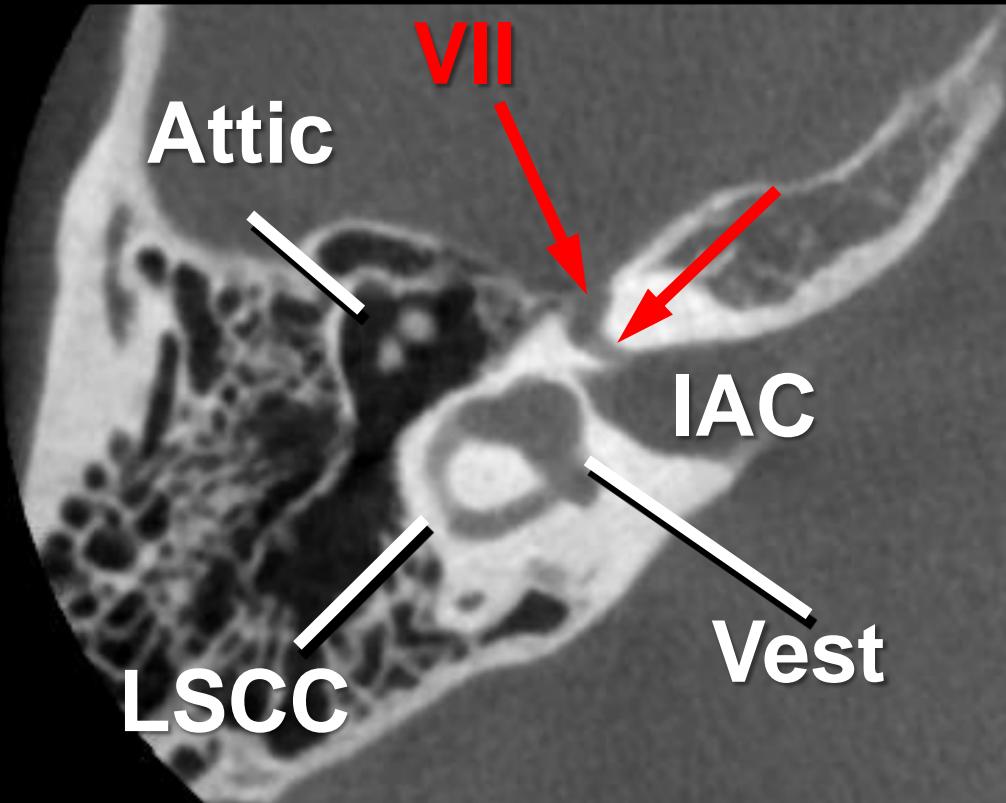


# Axial CT

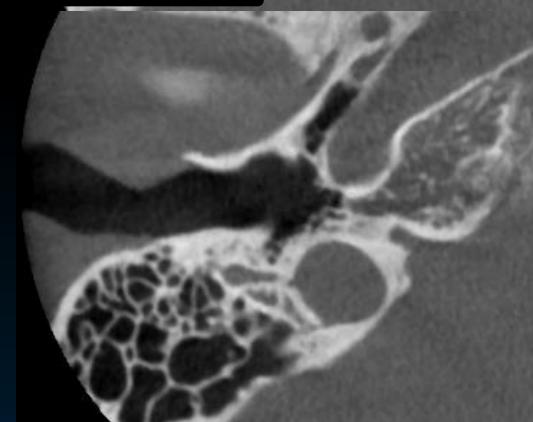
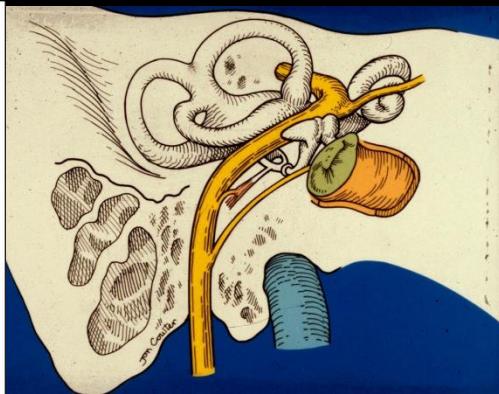
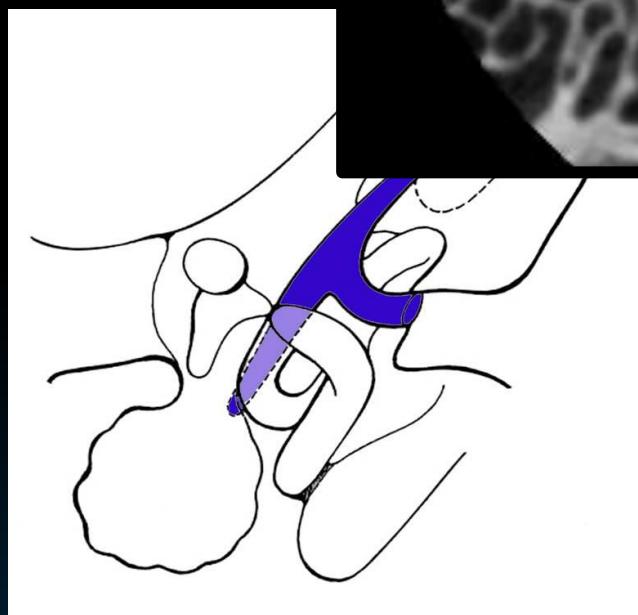
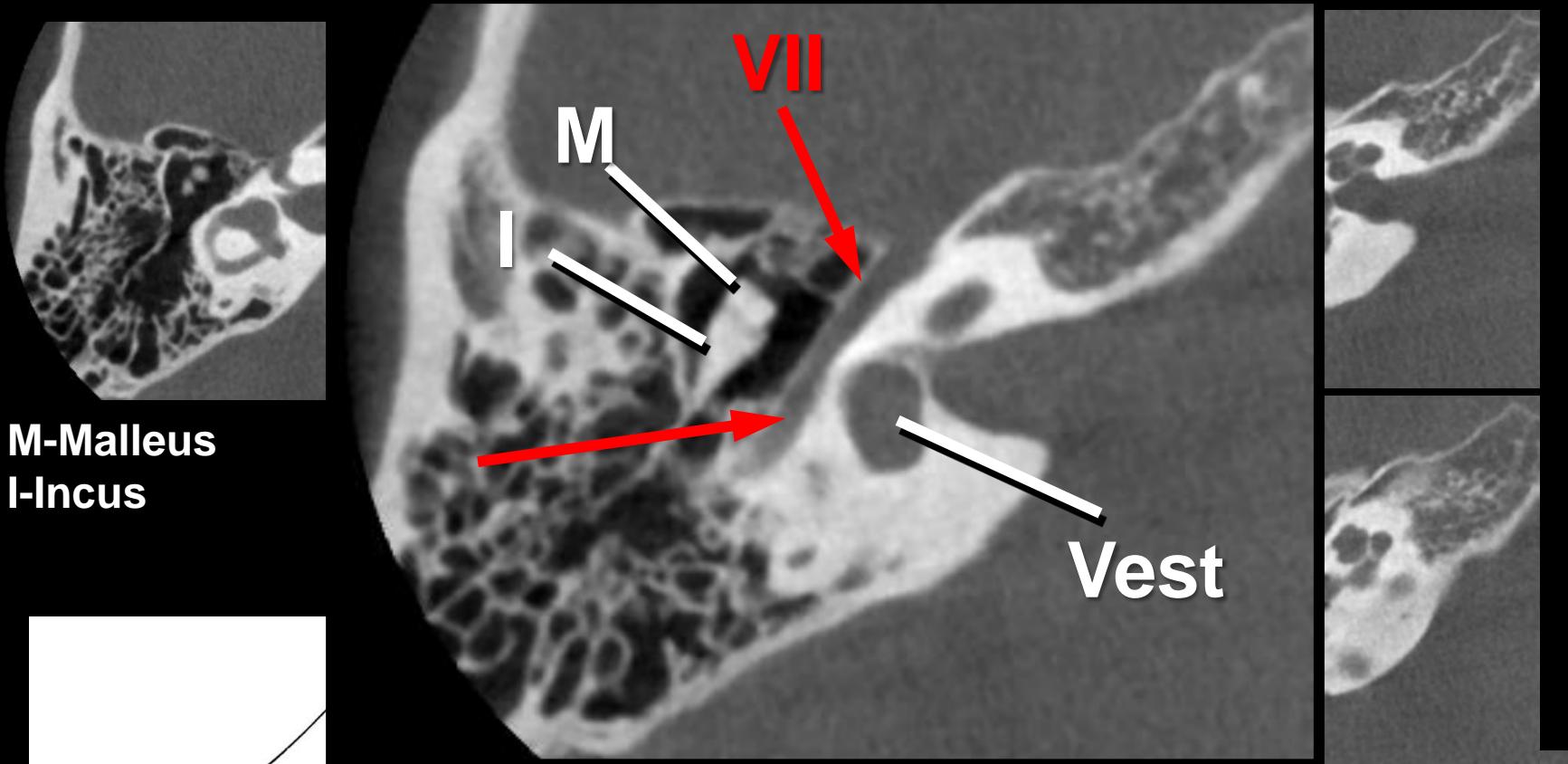




Red Arrow -Facial nerve

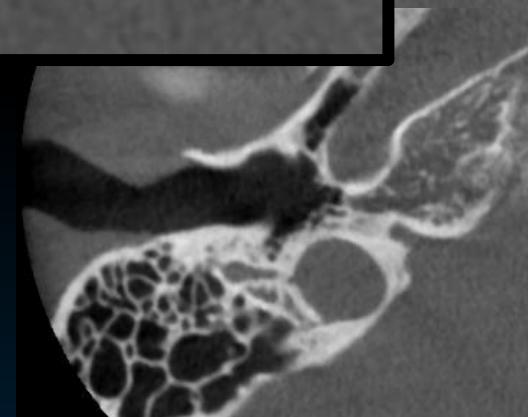
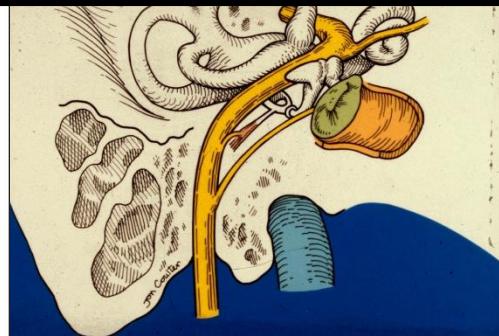
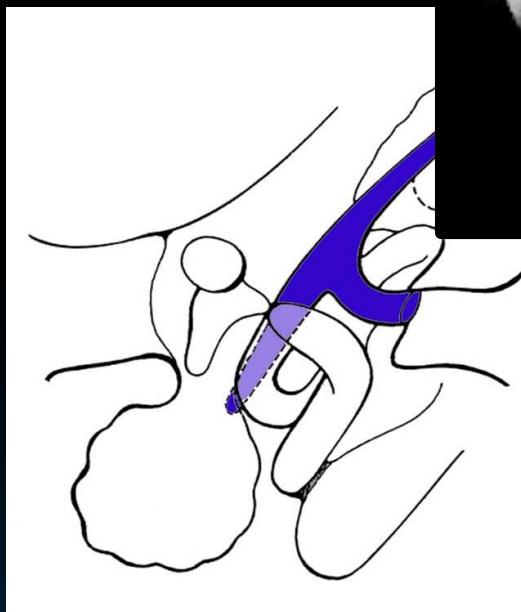
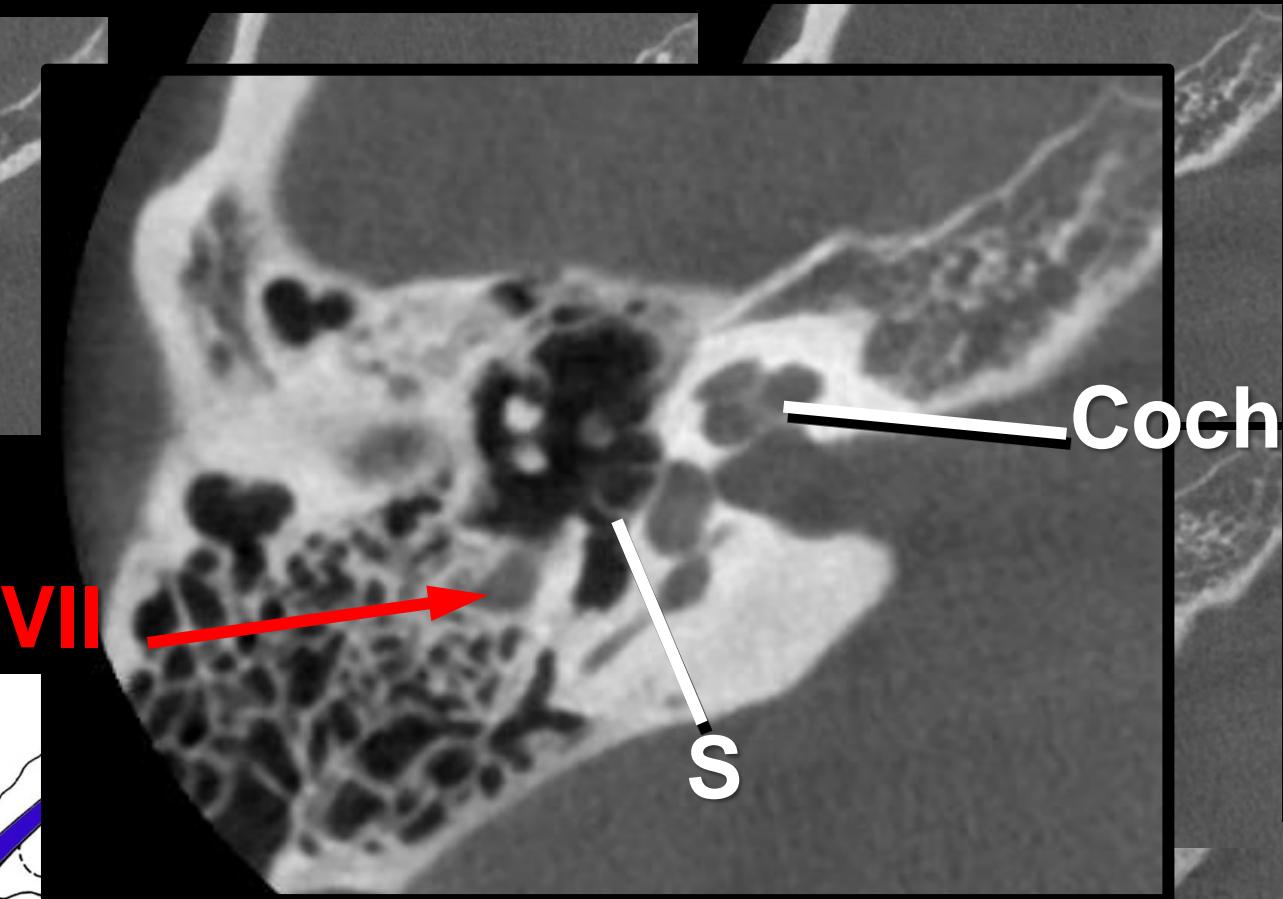


Red Arrow -Facial nerve

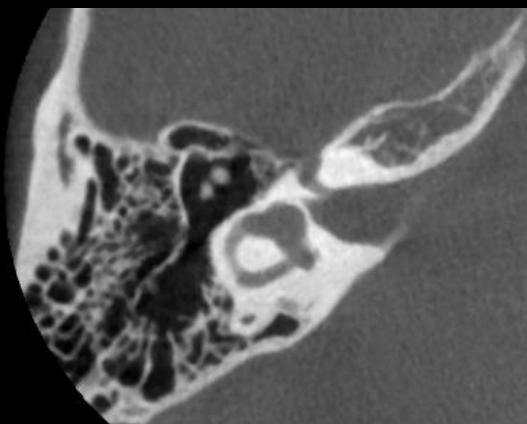




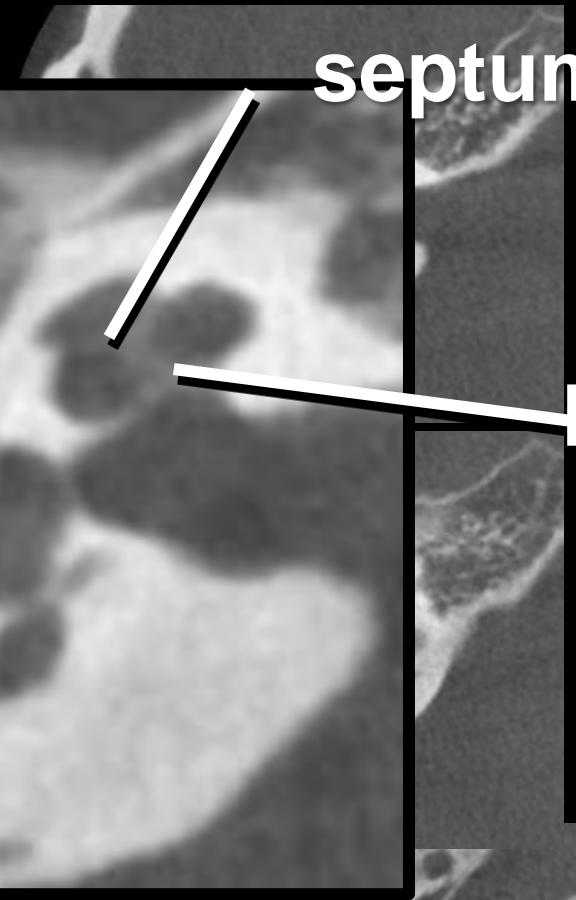
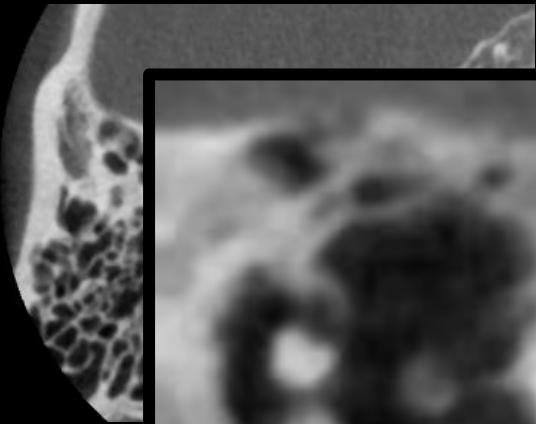
S-Stapes



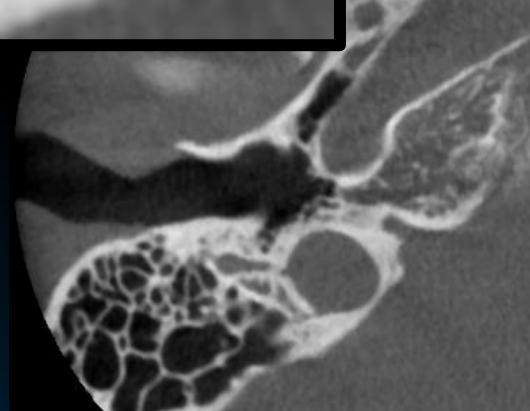
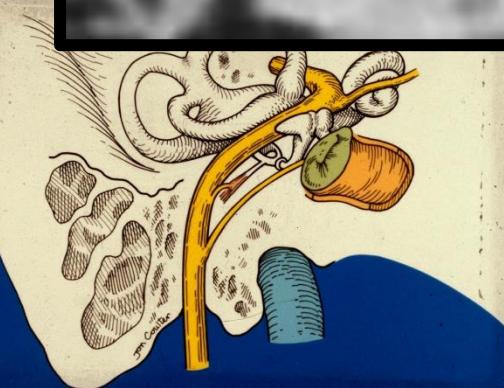
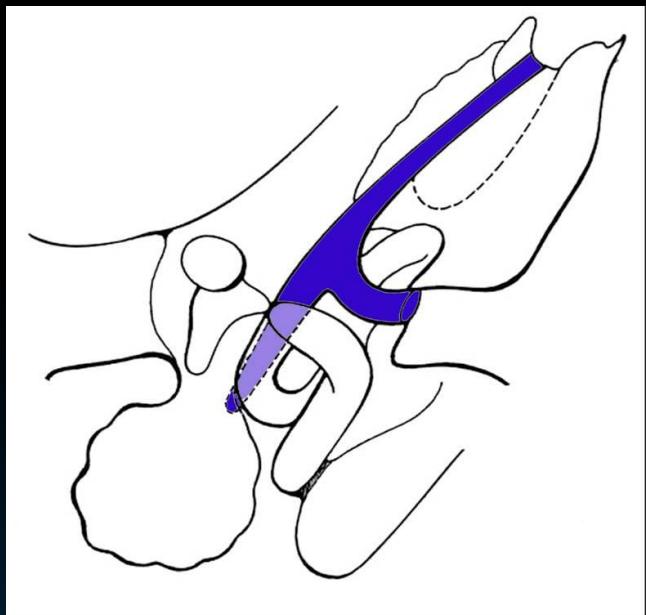
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septum



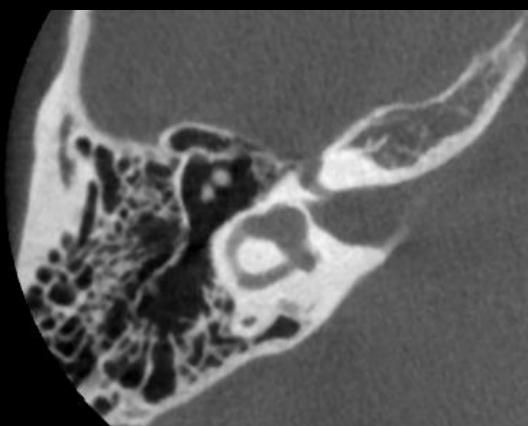
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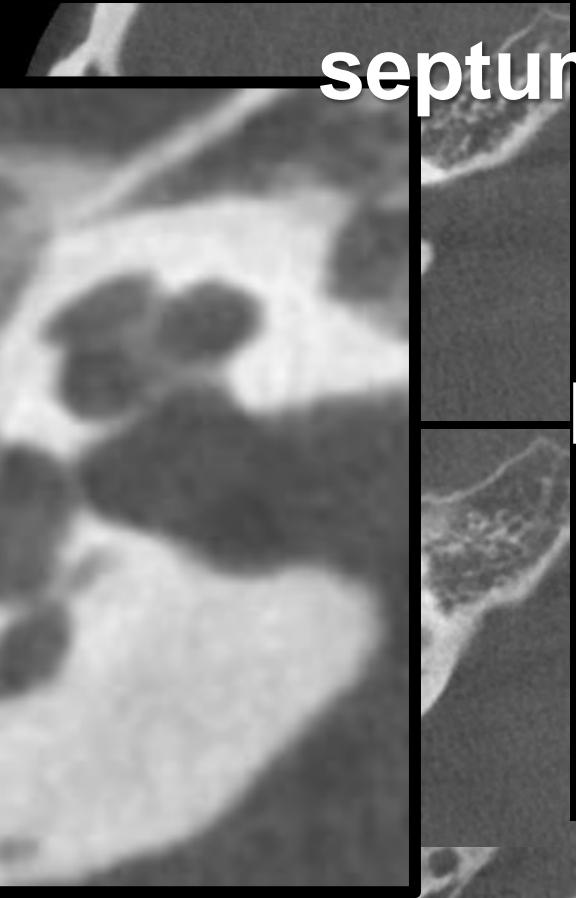
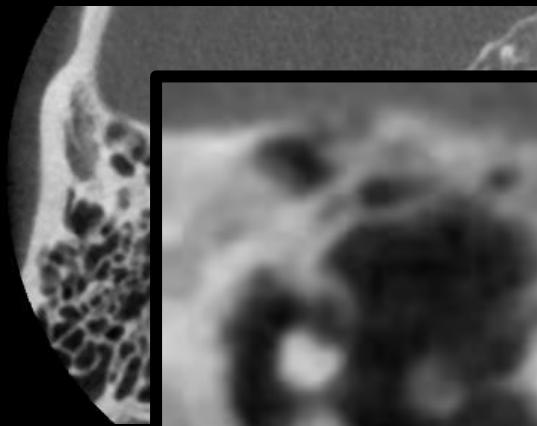
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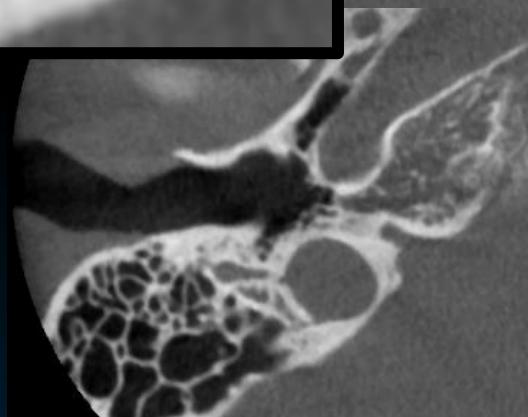
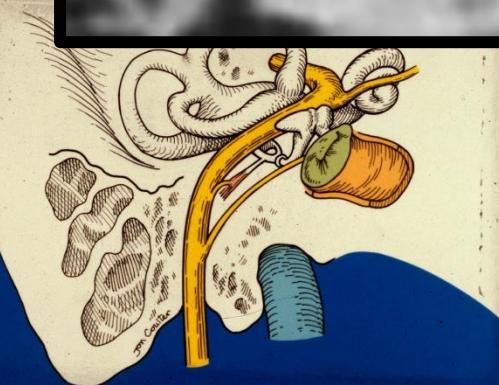
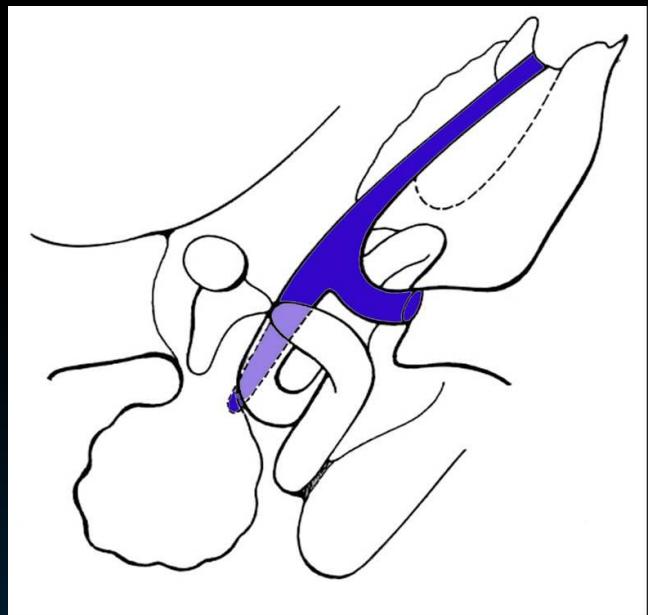
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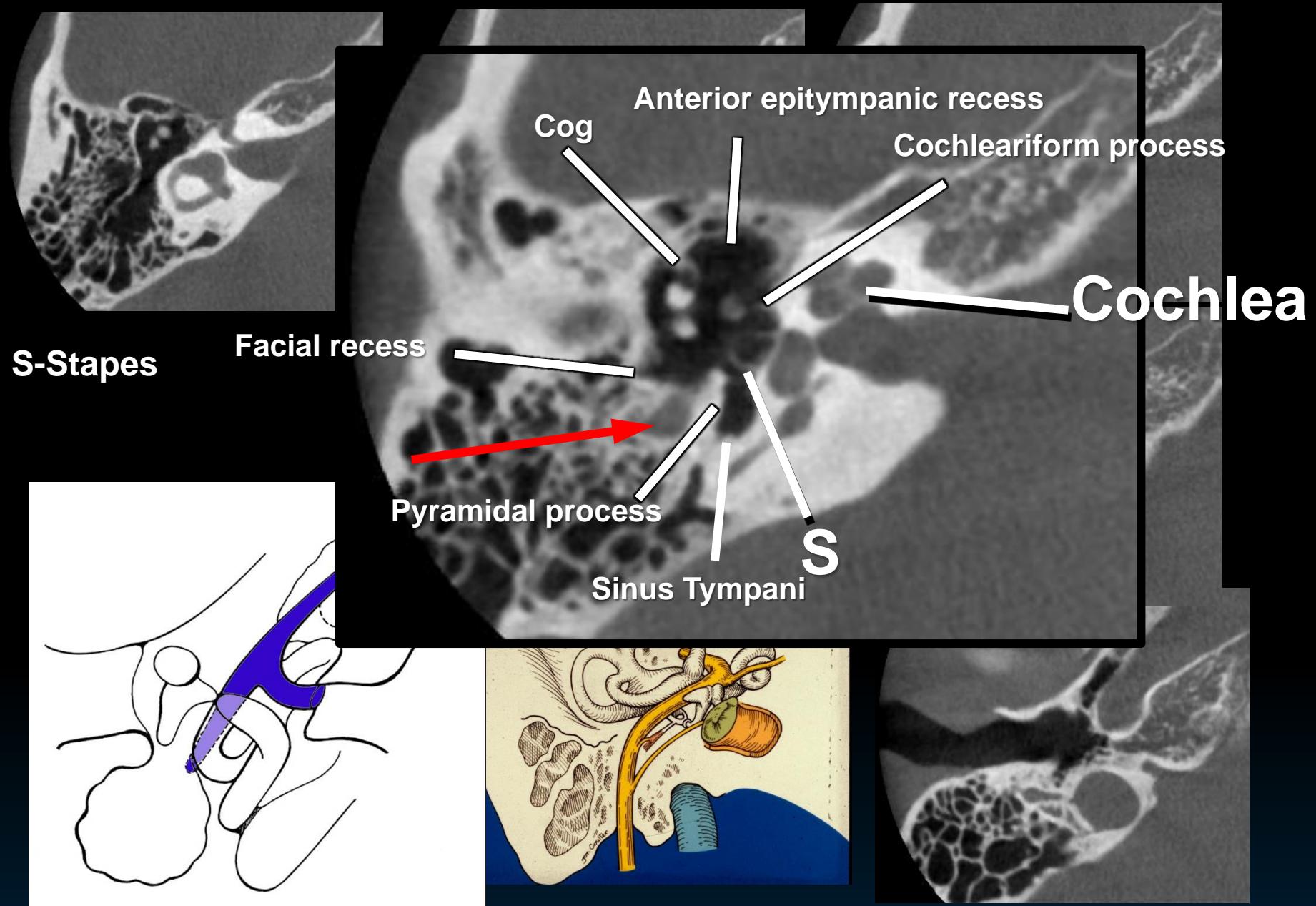


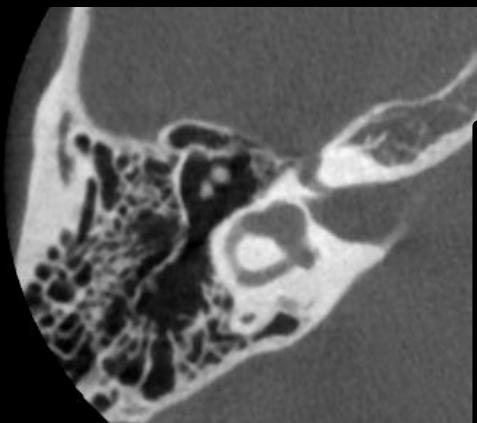
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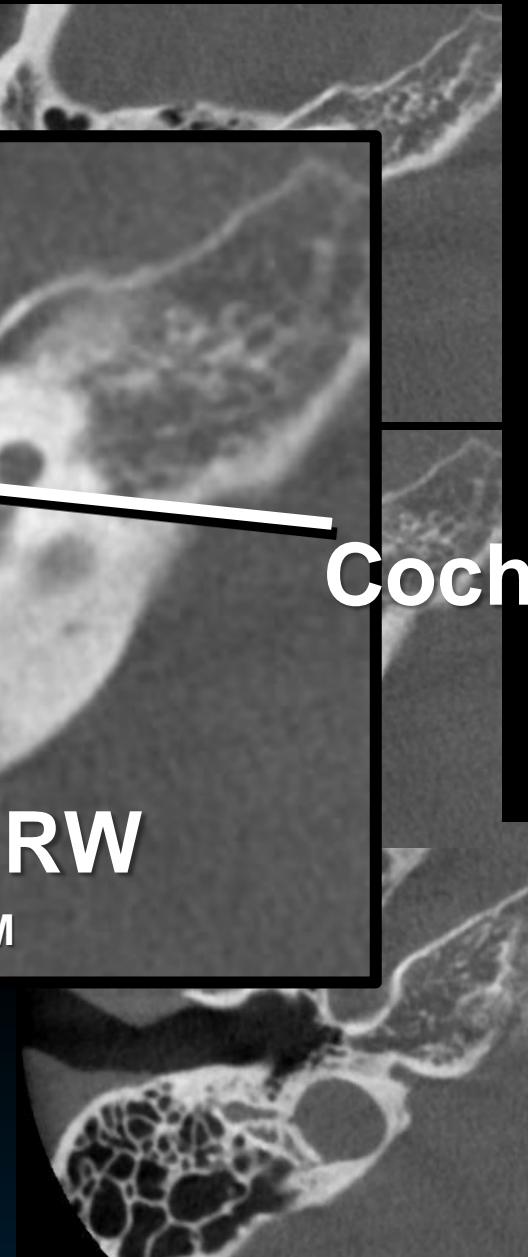
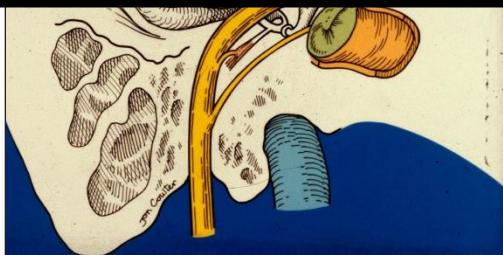
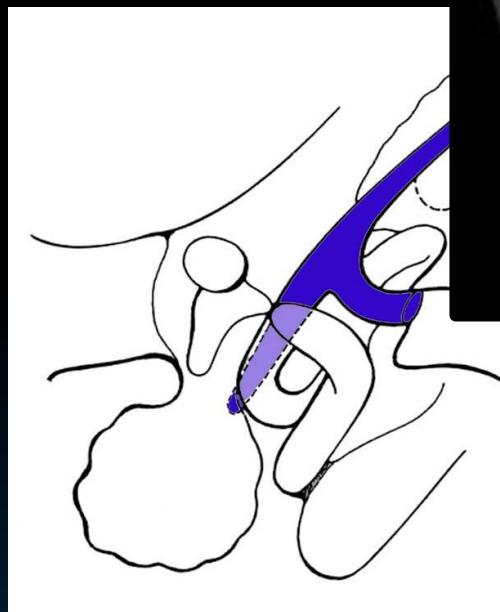
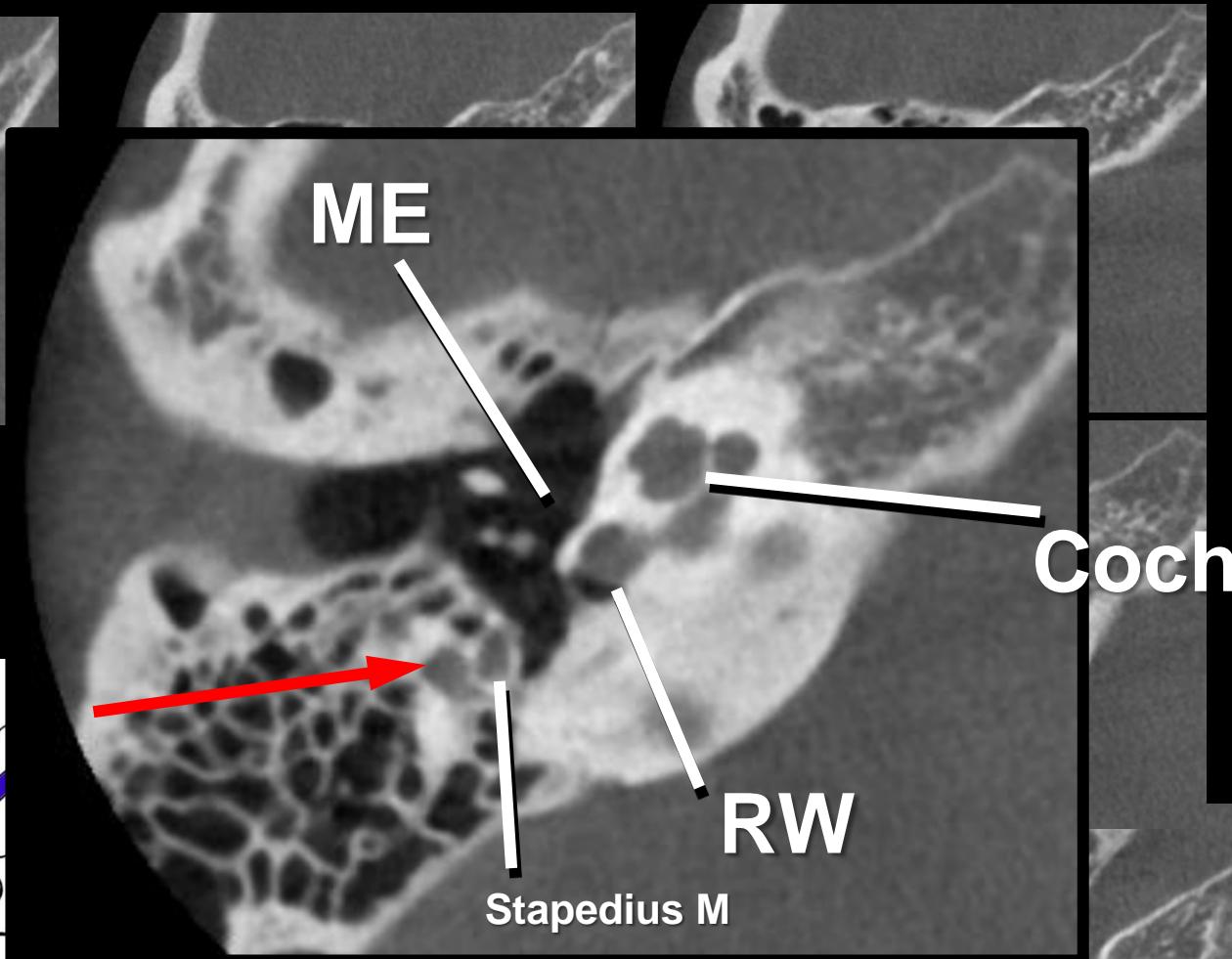
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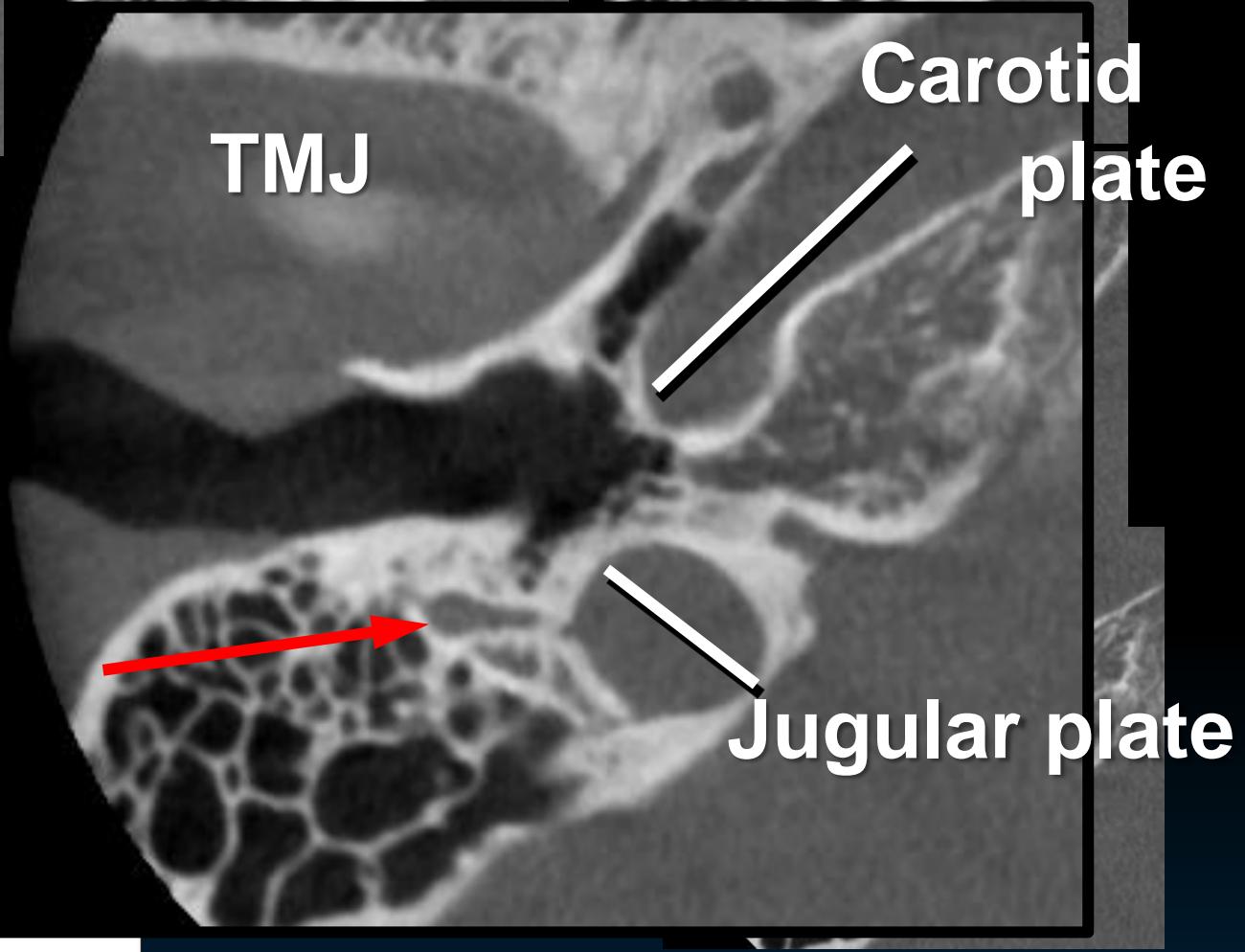
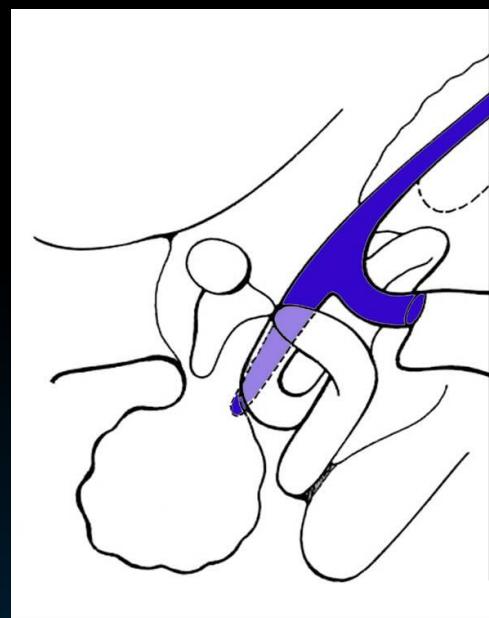
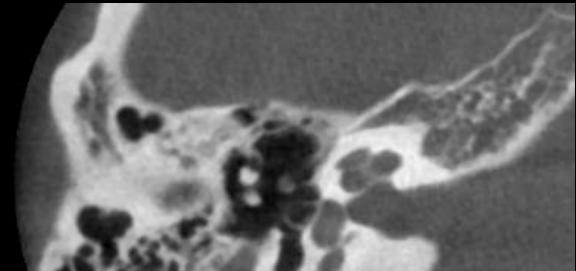
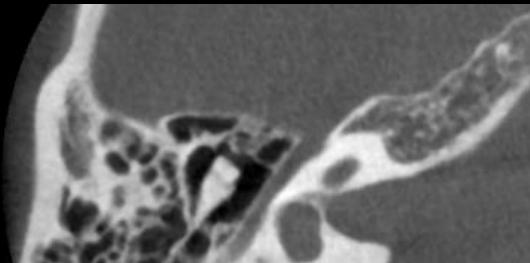
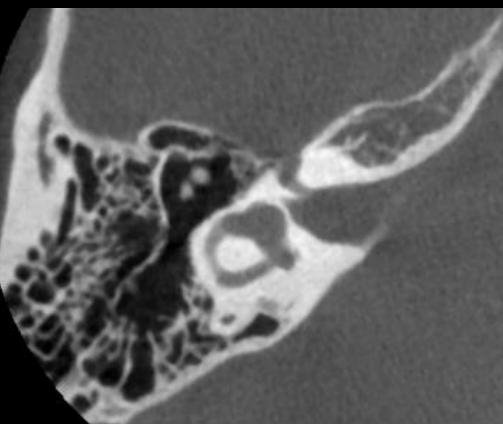


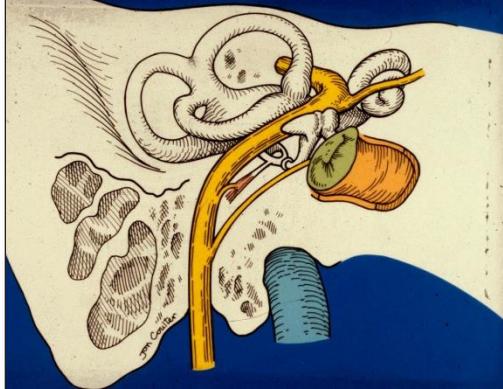
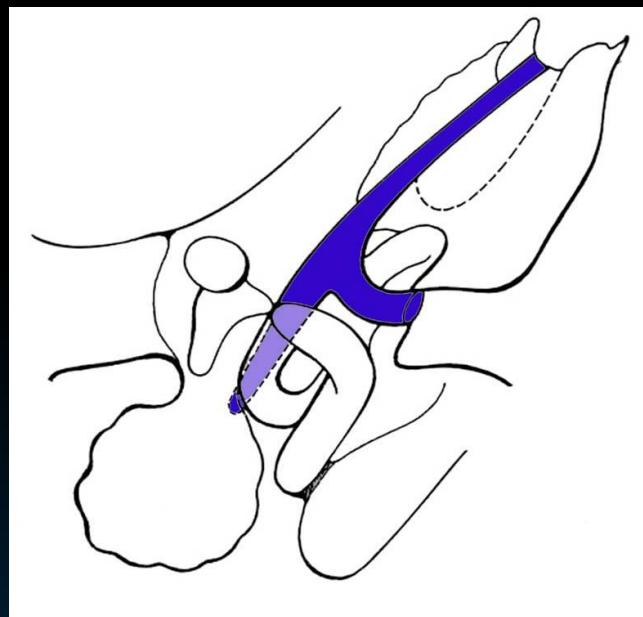
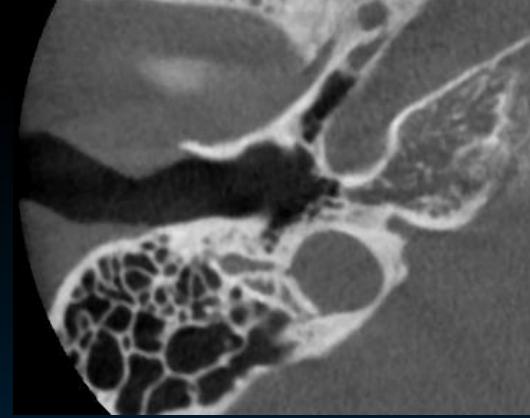
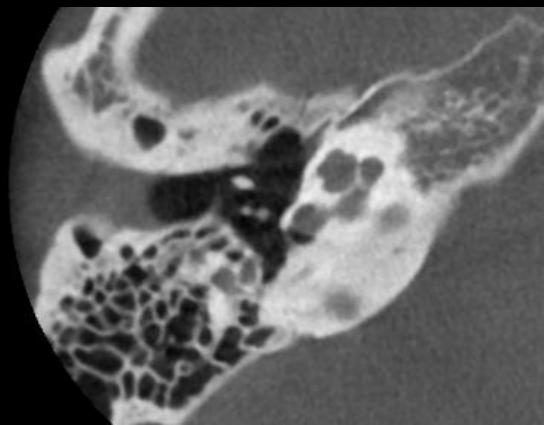
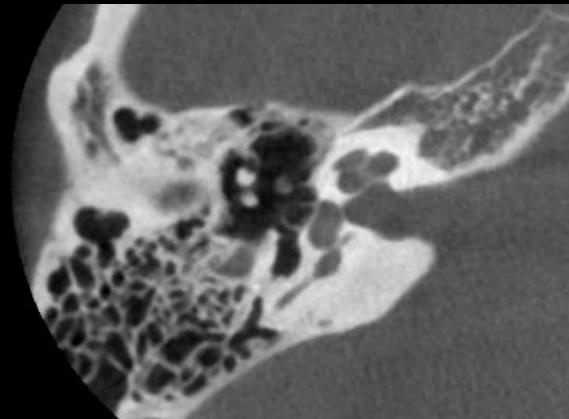
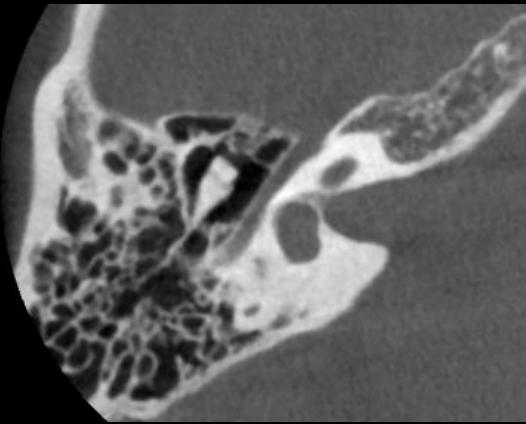
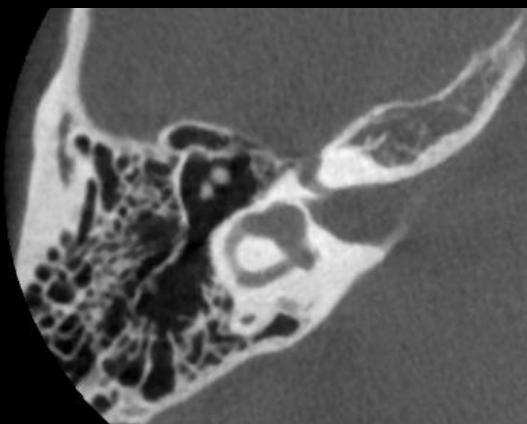




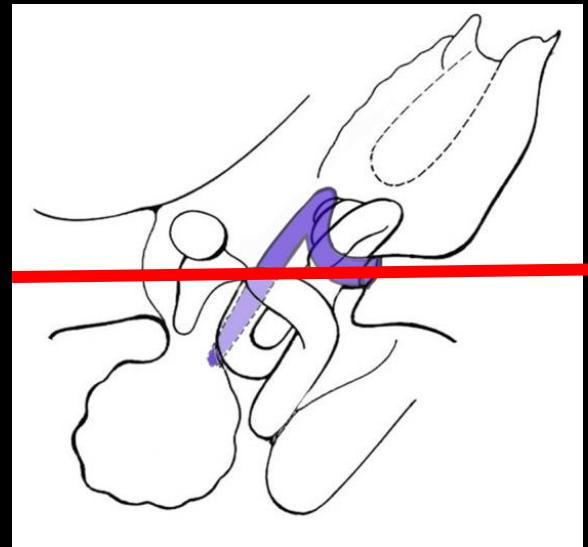
ME-middle ear  
RW-round window

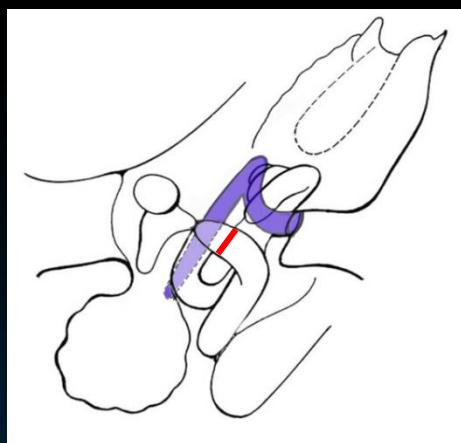
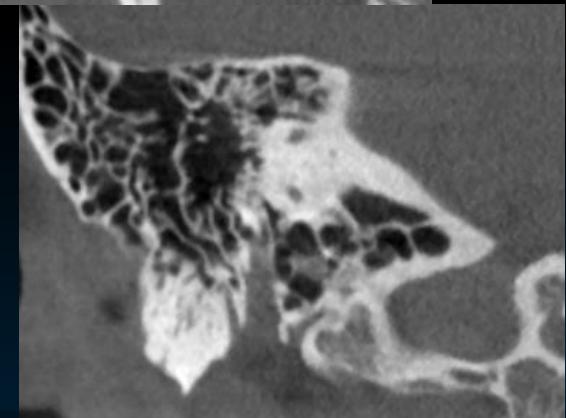
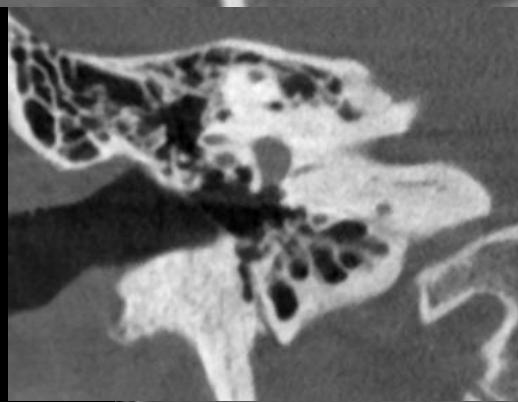
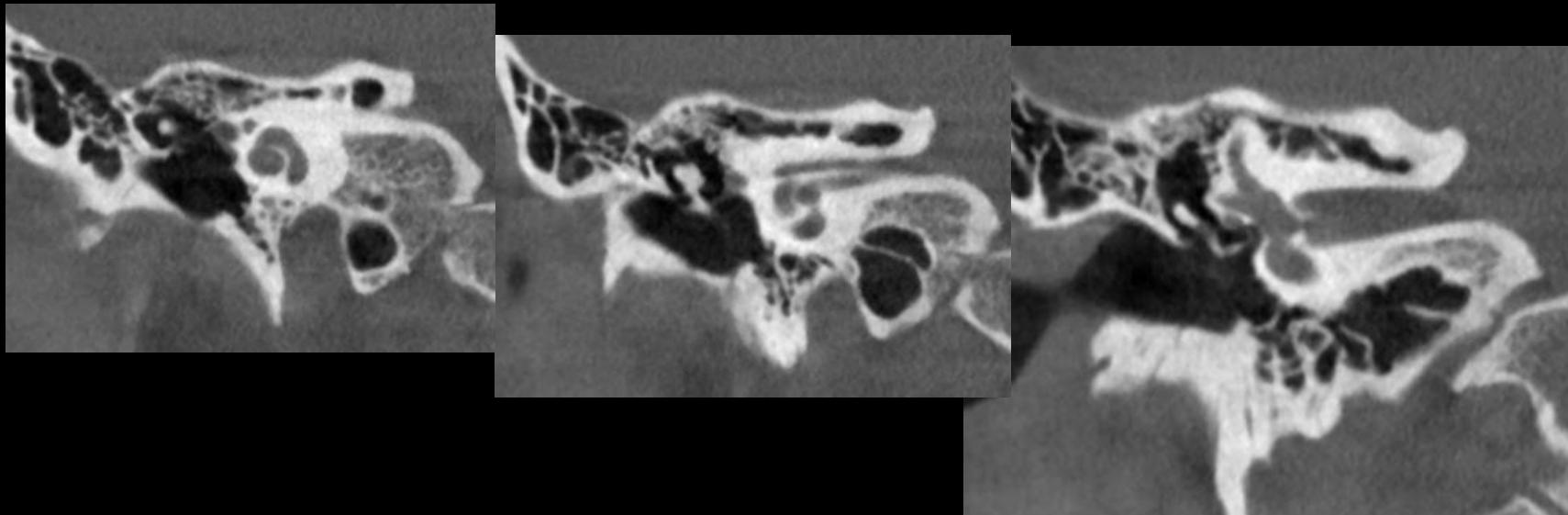


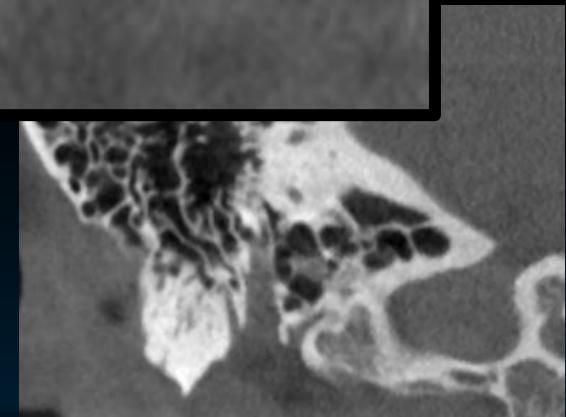
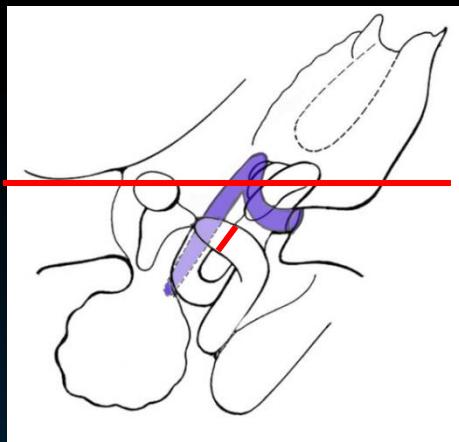
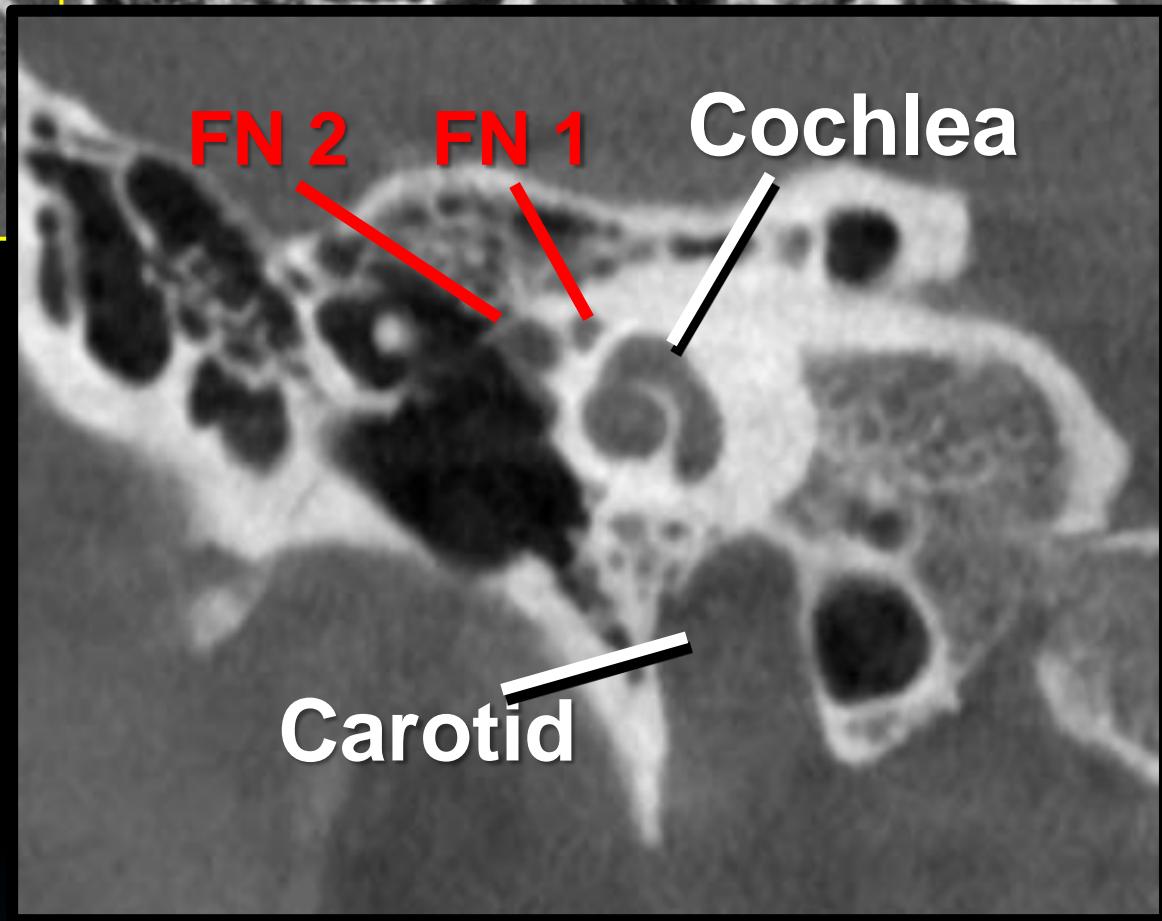
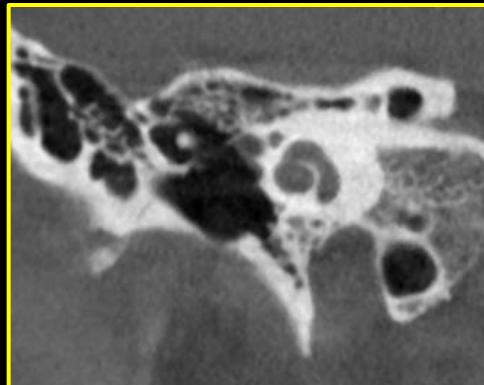


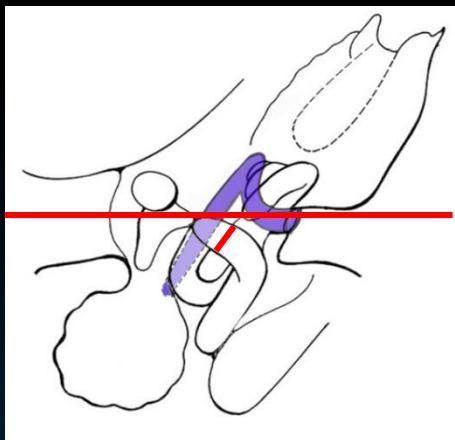
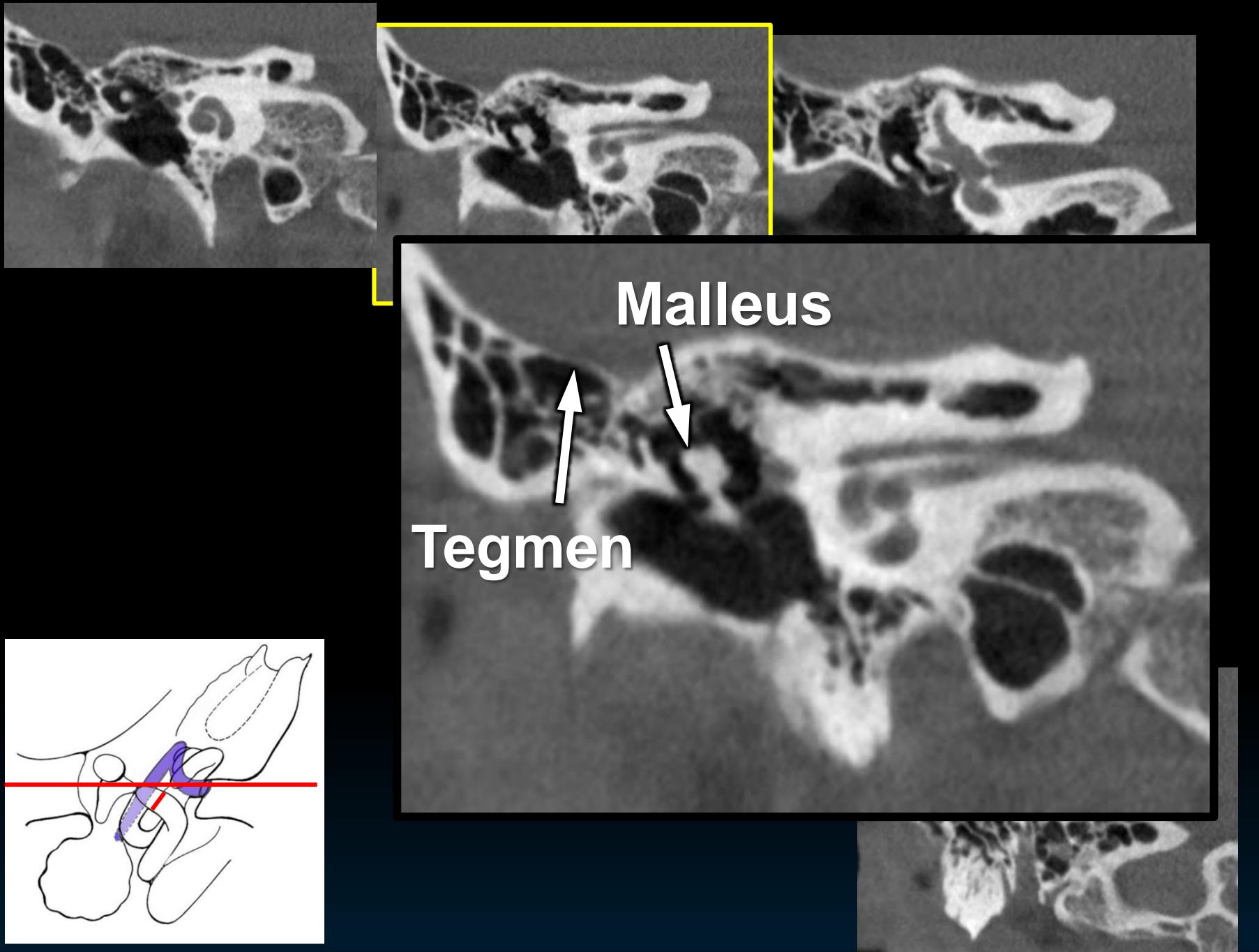


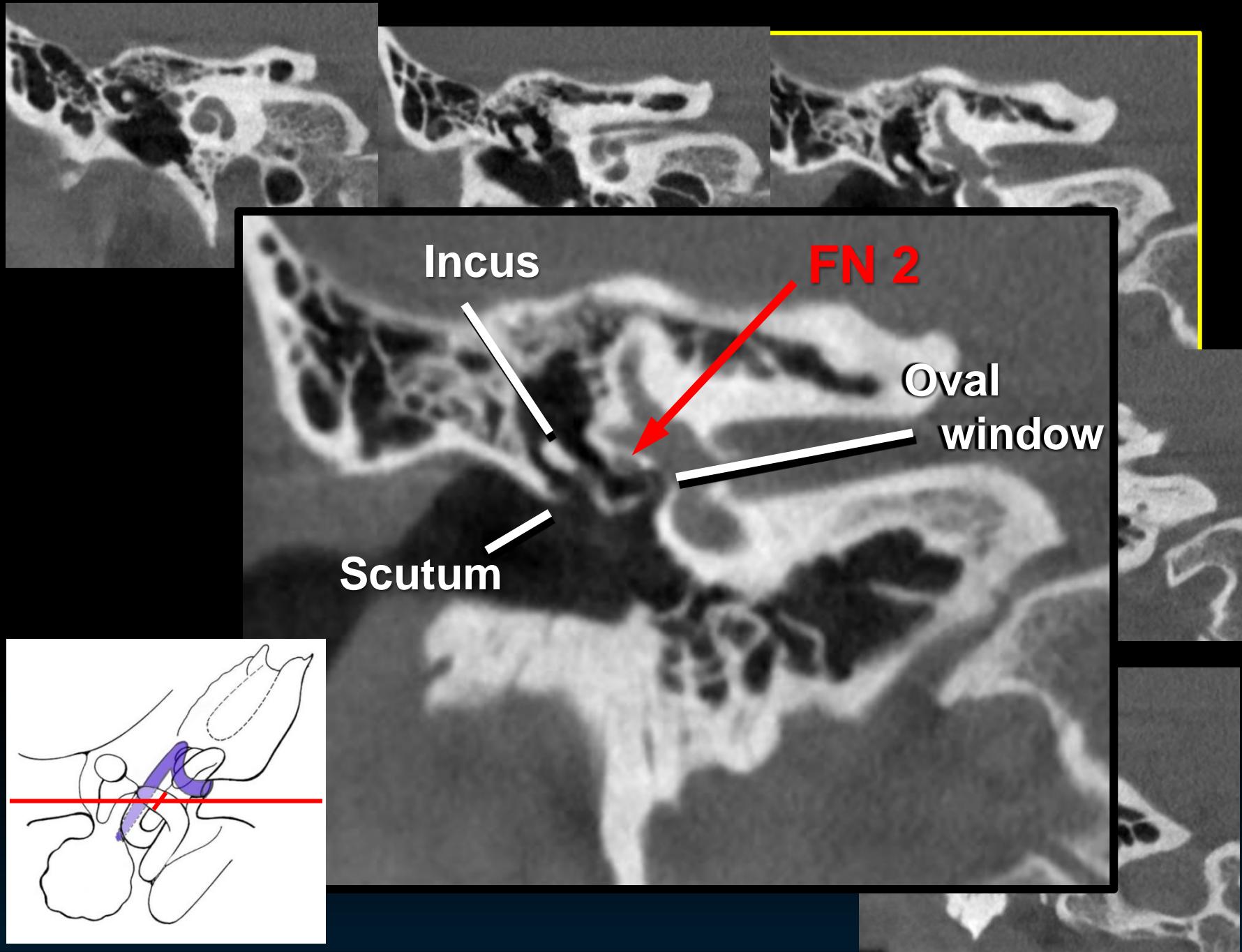
# Coronal CT

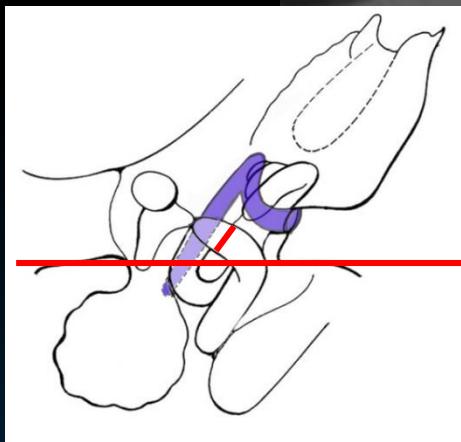
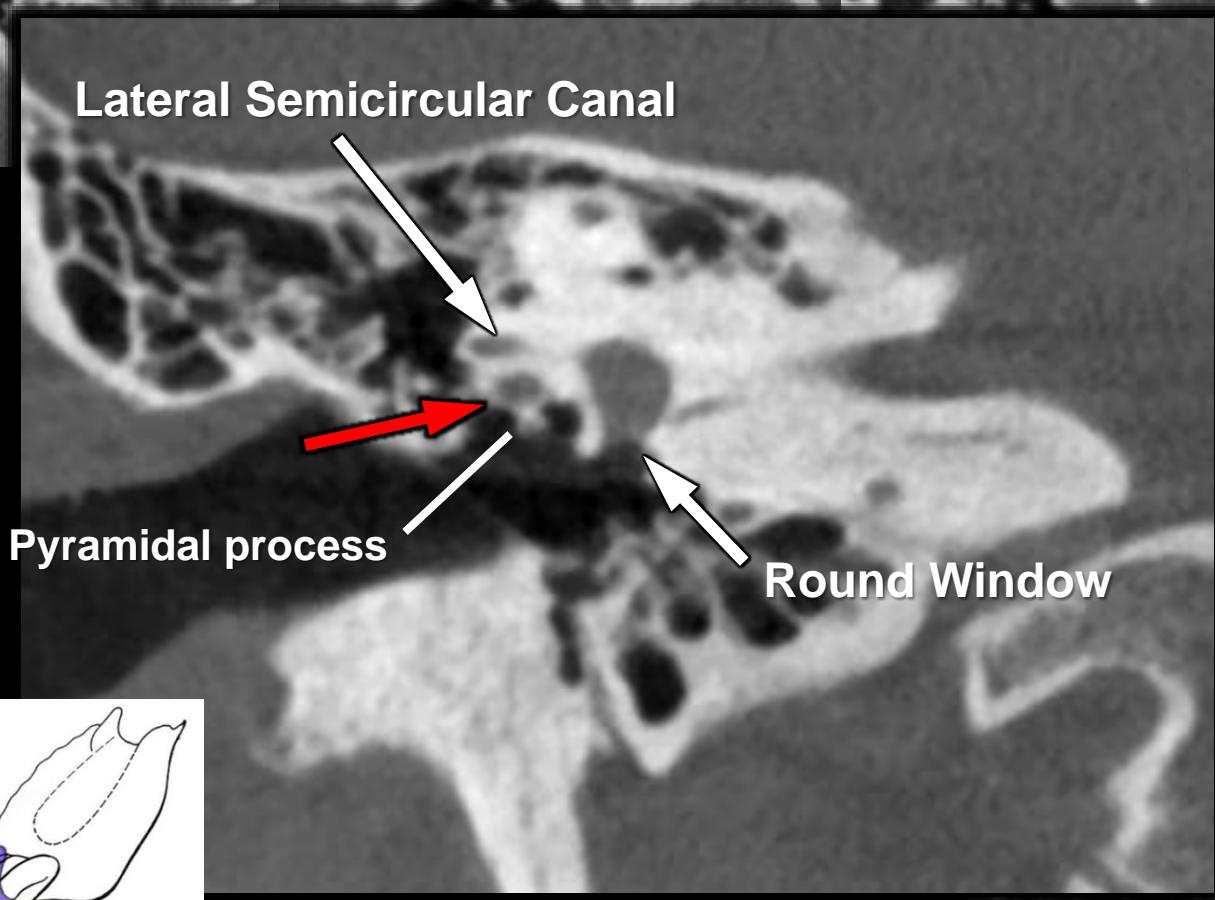


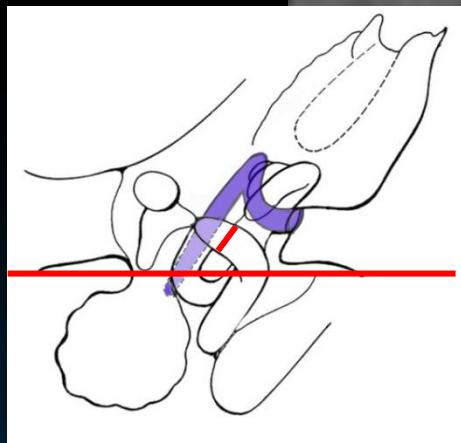
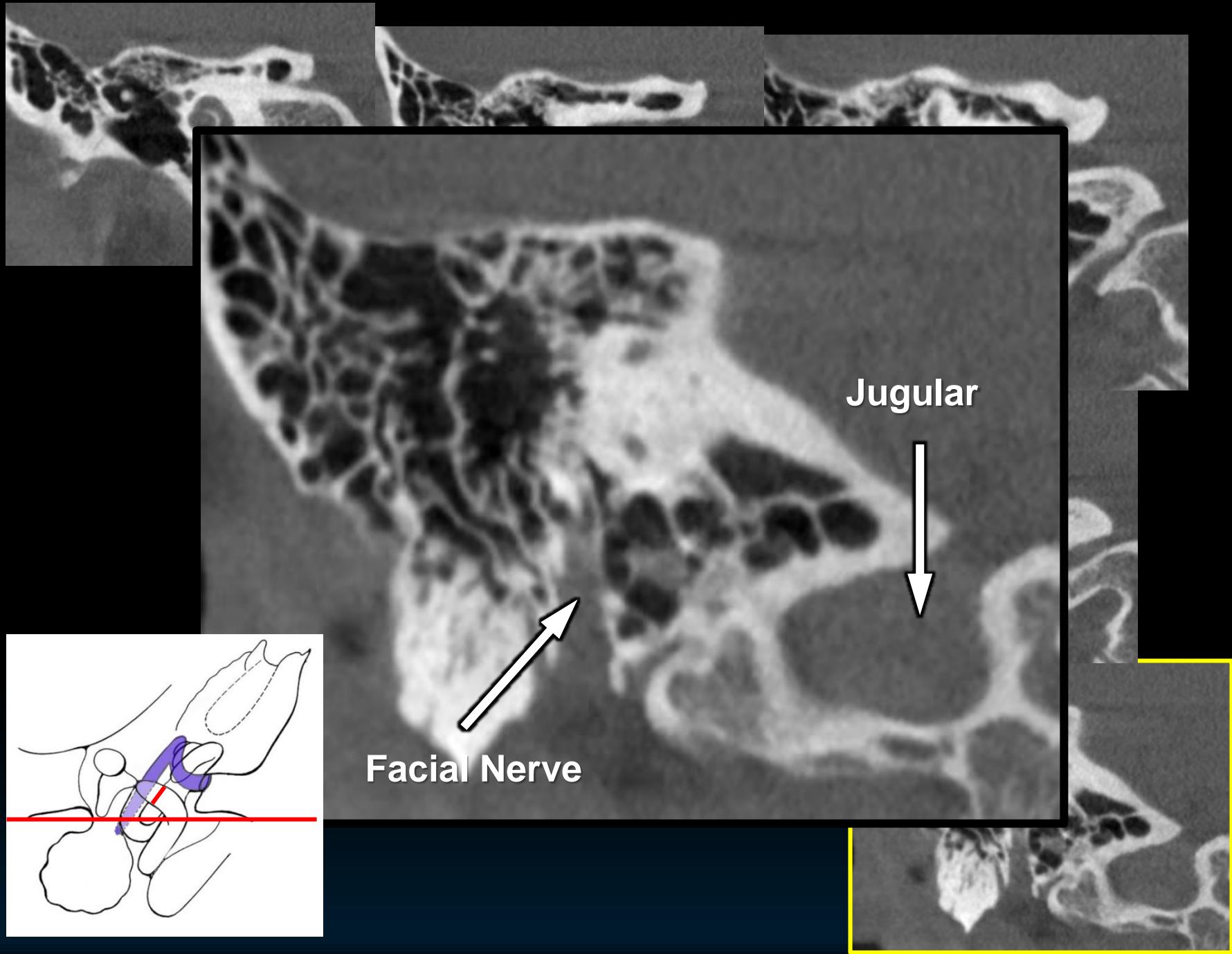


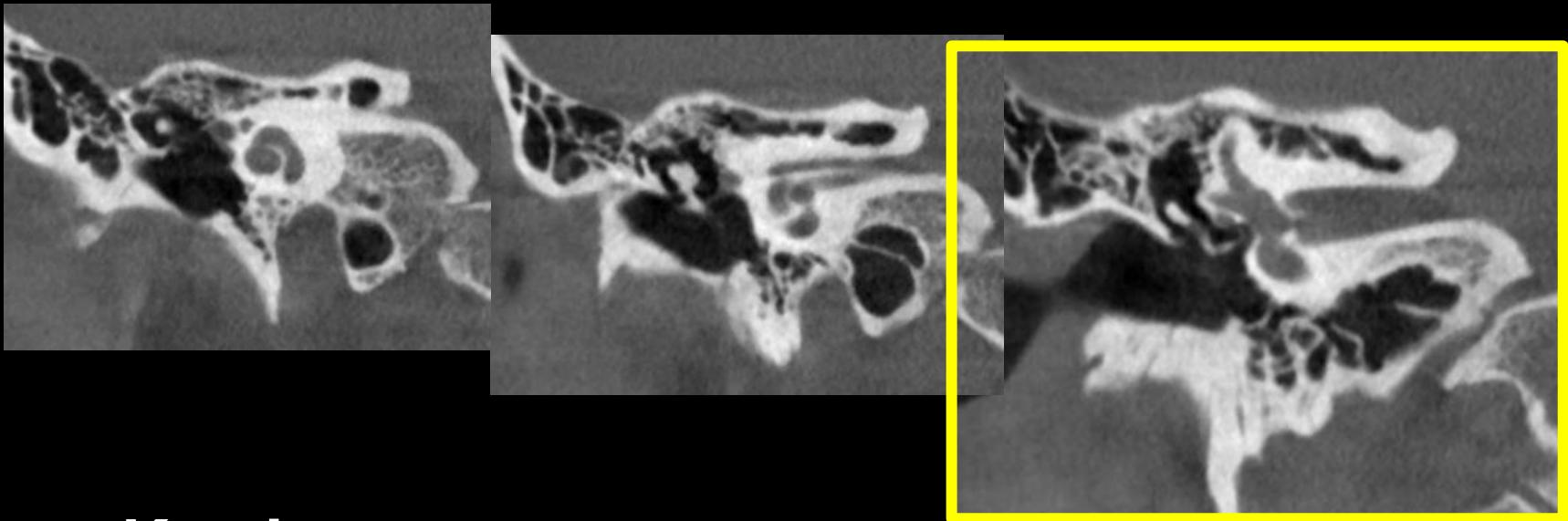






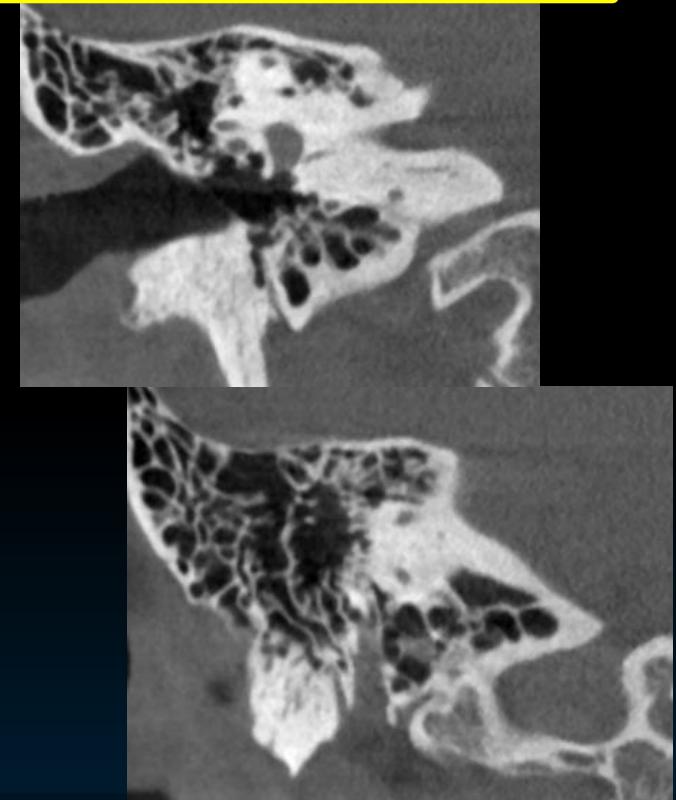
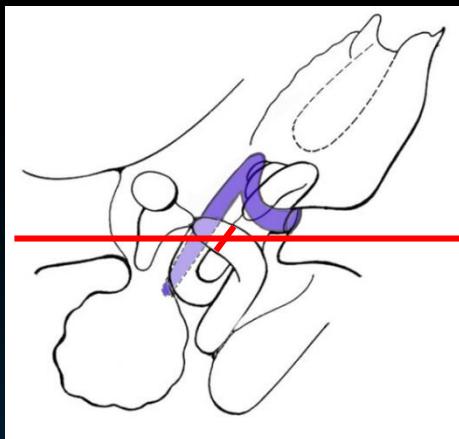




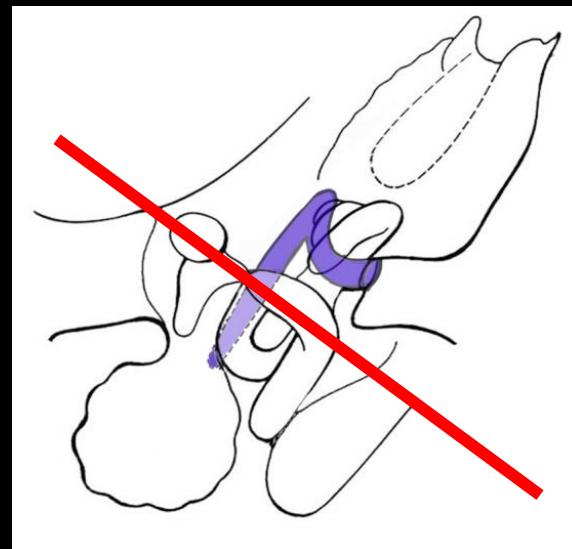


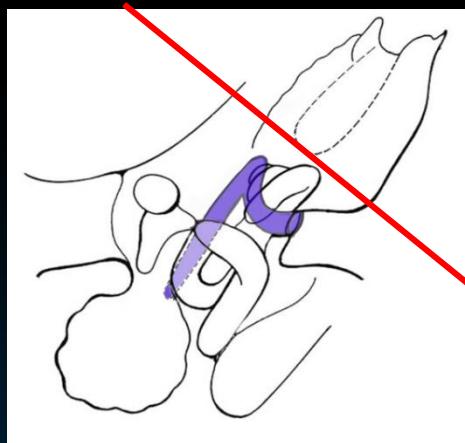
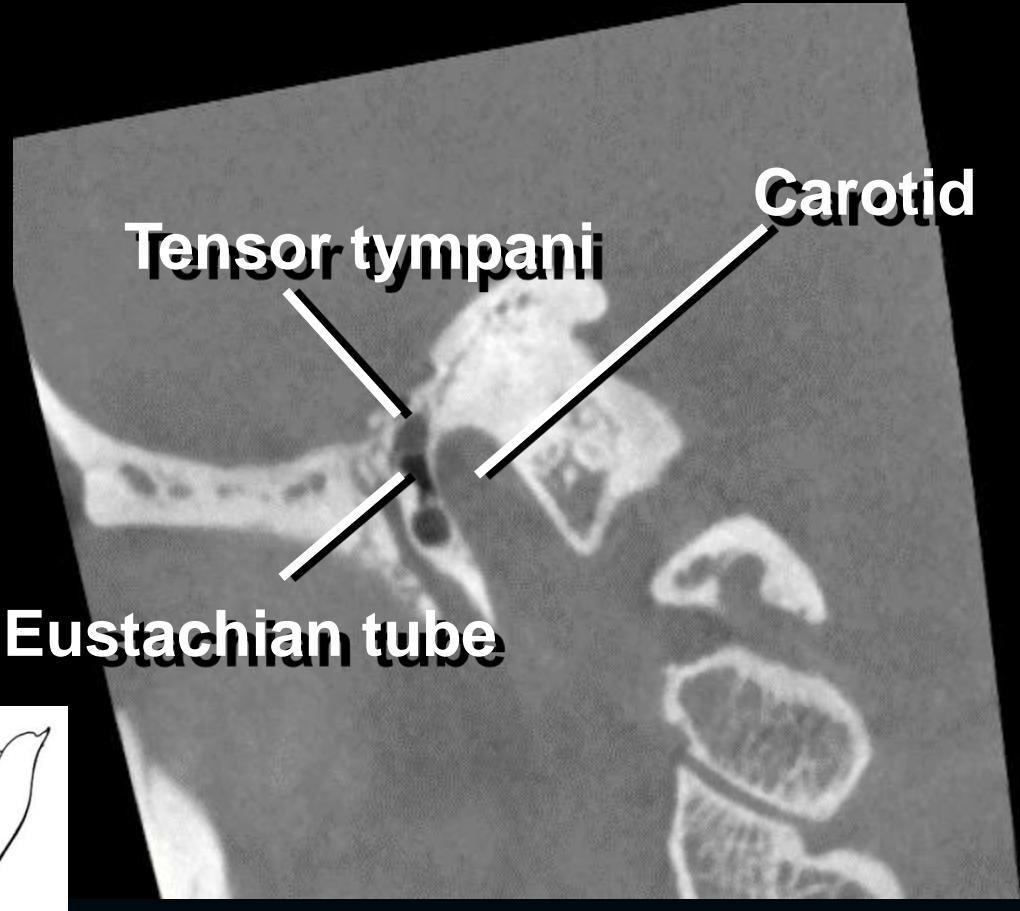
## Key image

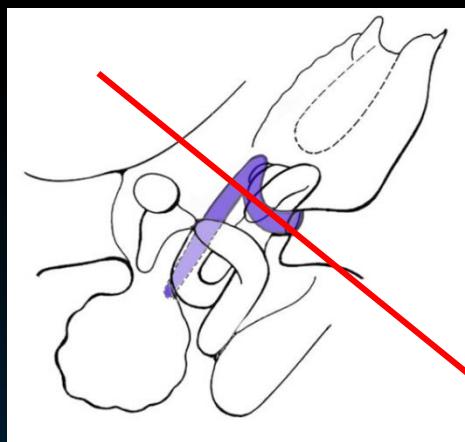
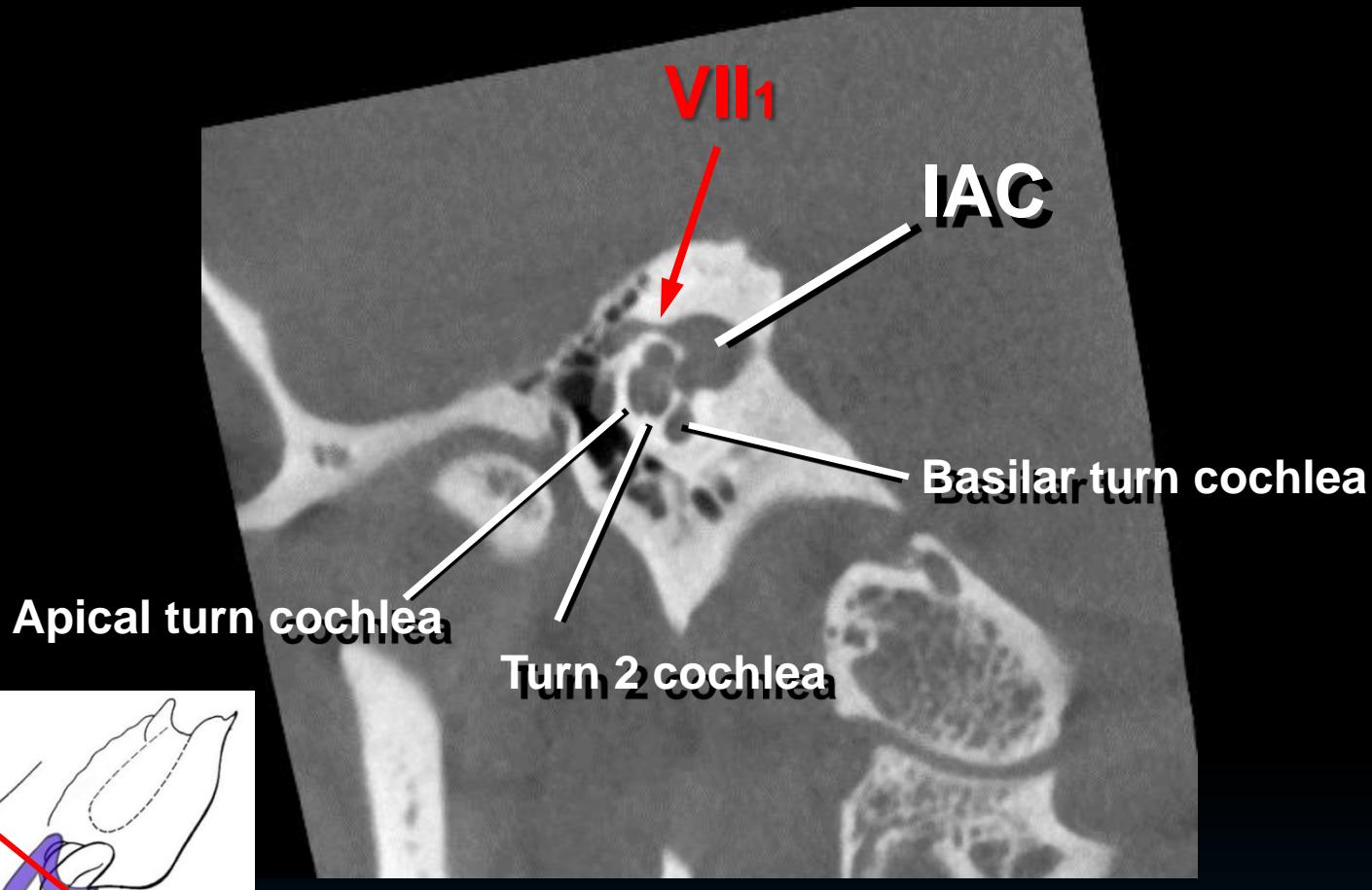
**lateral canal  
facial nerve  
oval window**

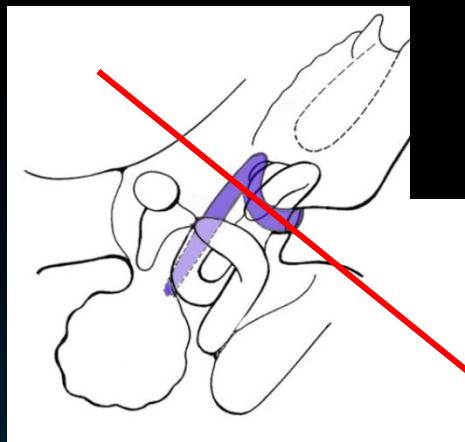
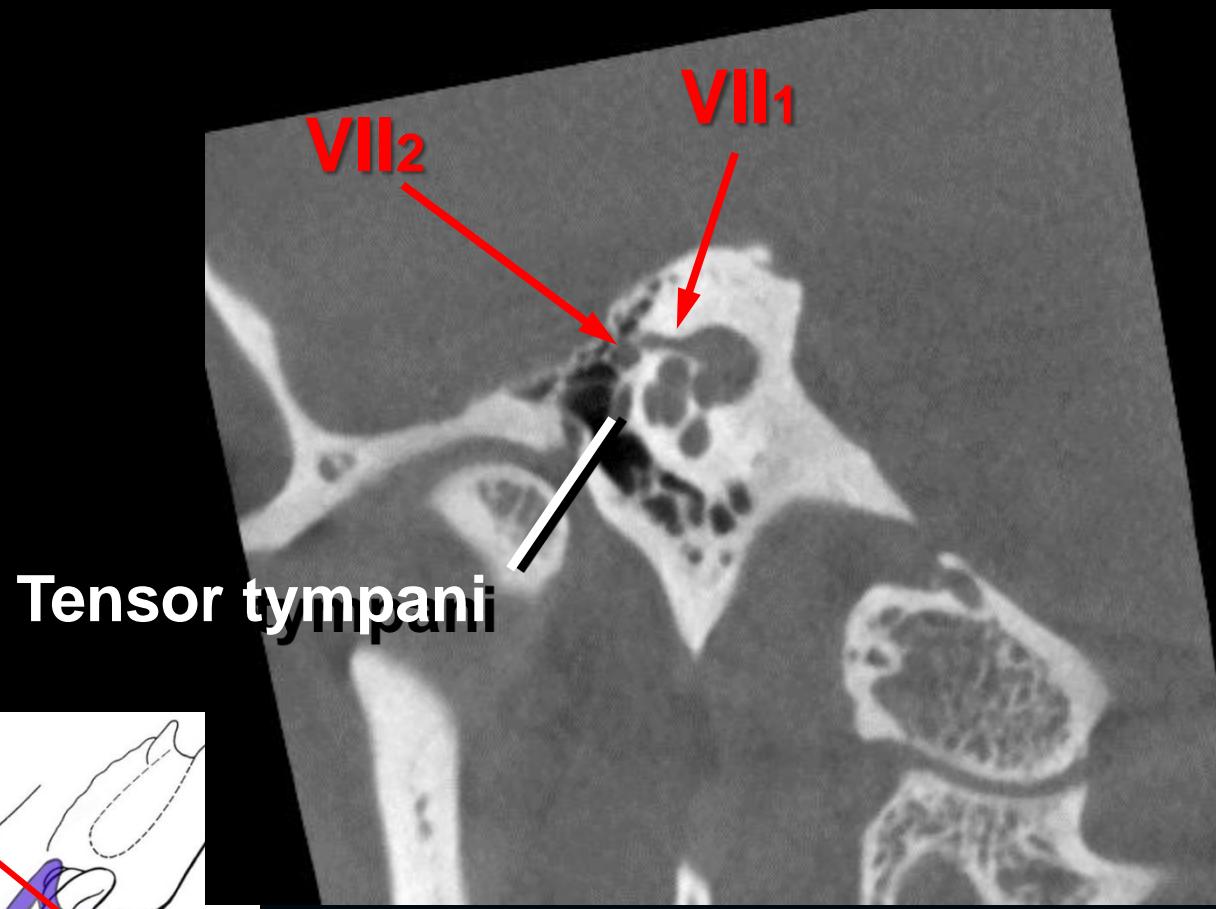


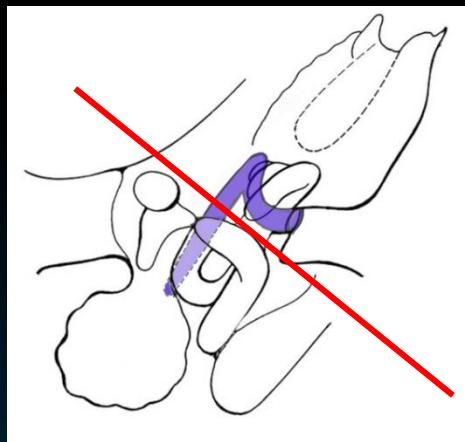
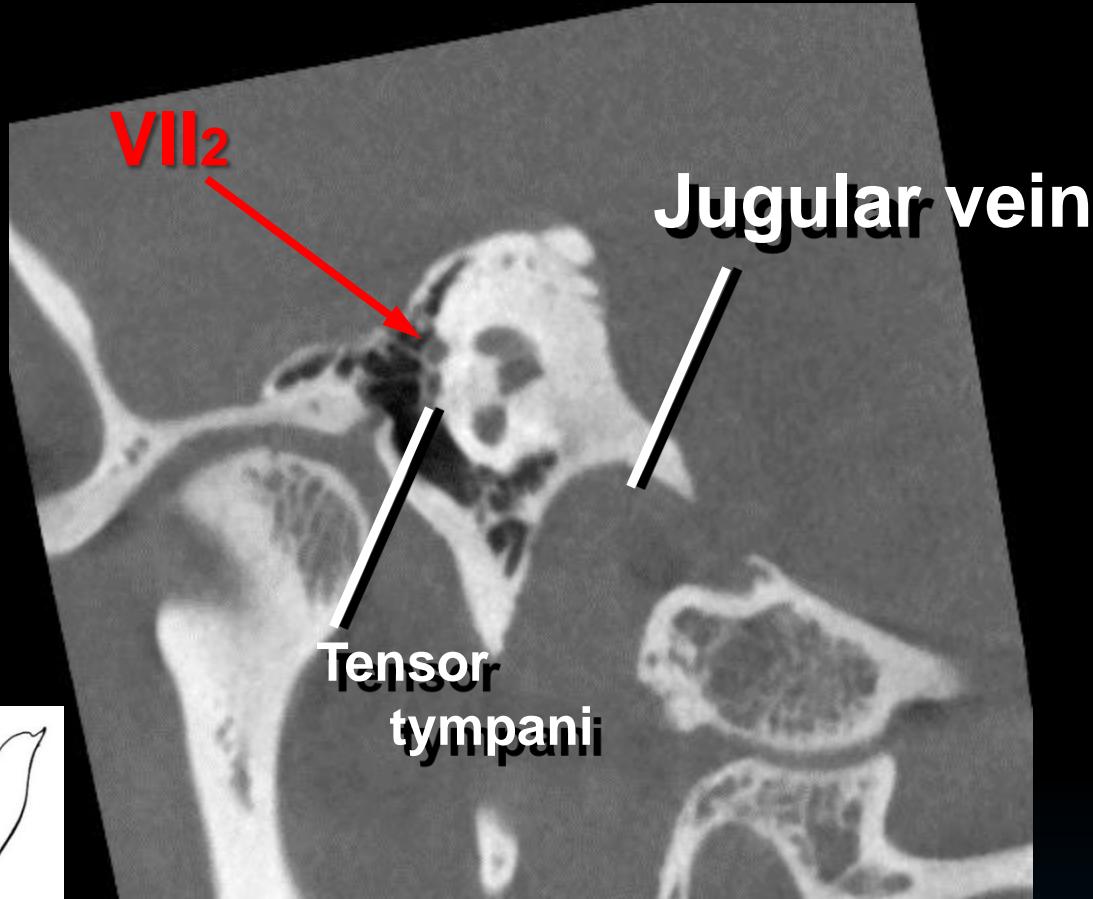
# Pöschl CT







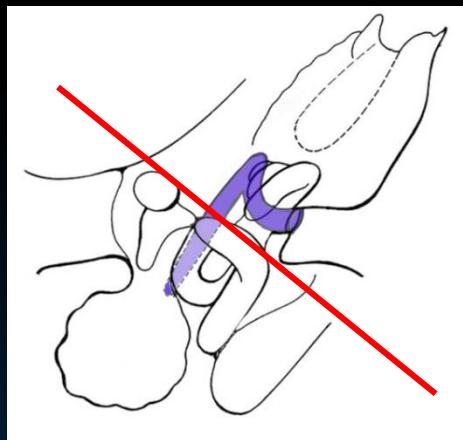




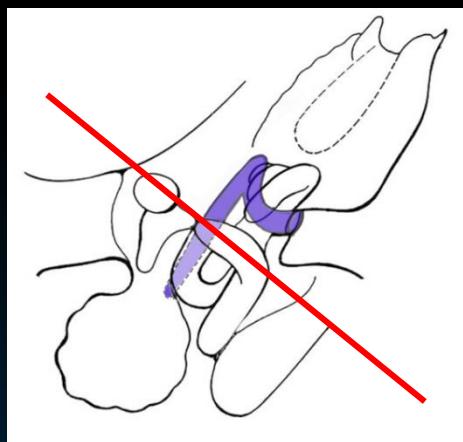
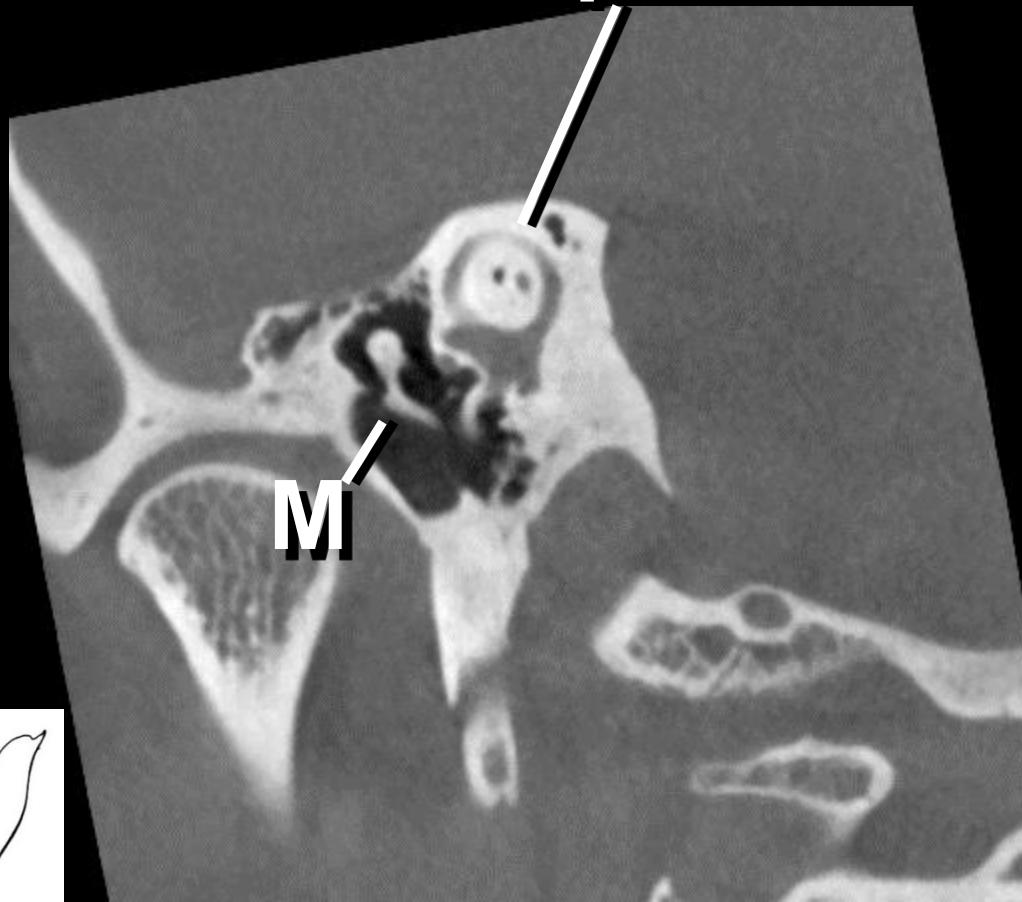


Jugular vein

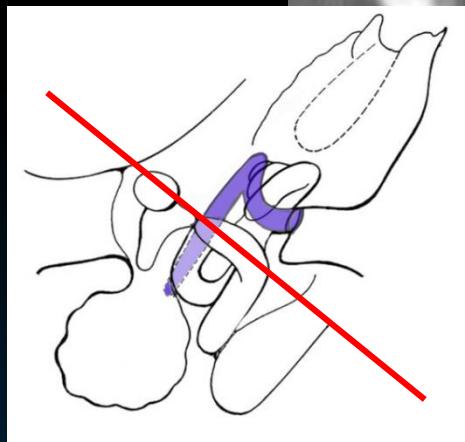
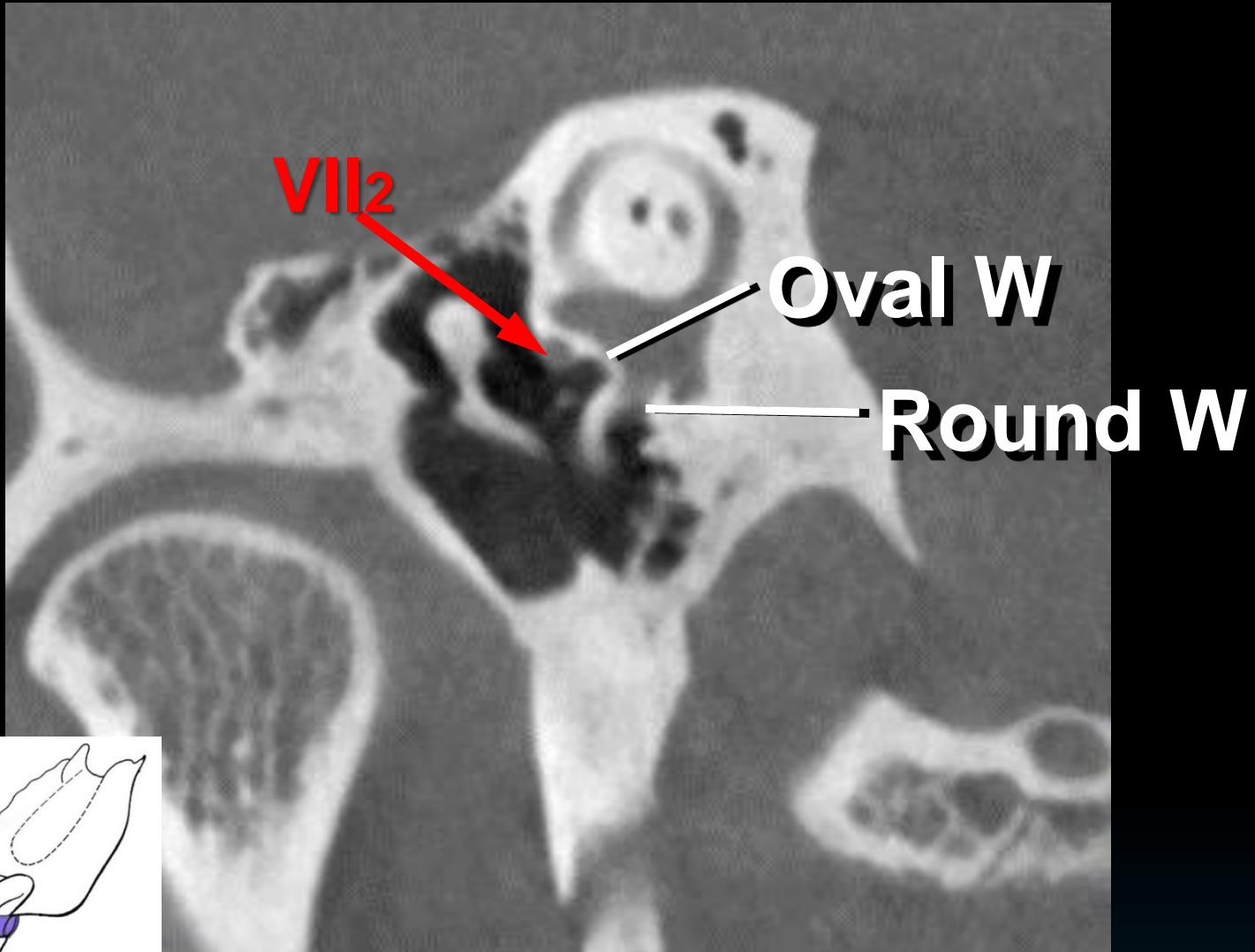
Cochleariform  
process

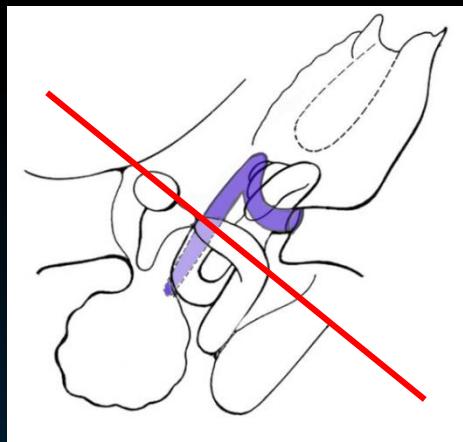
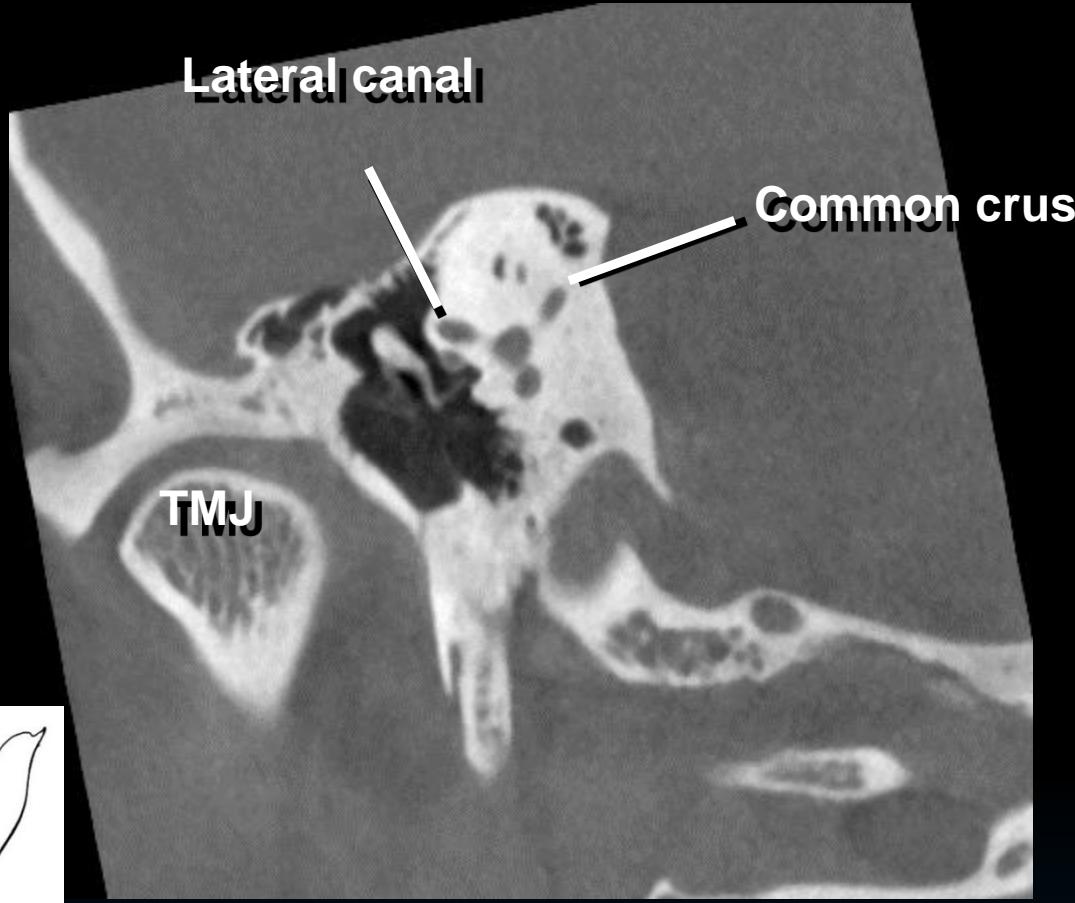


# Superior SCC

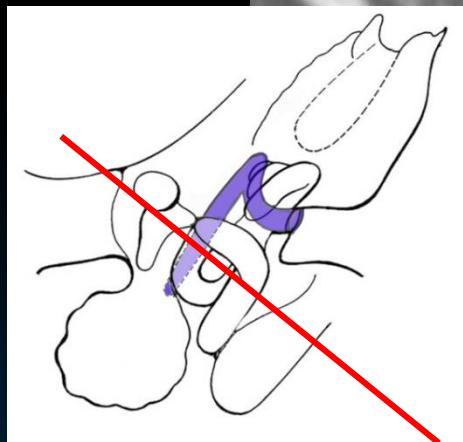
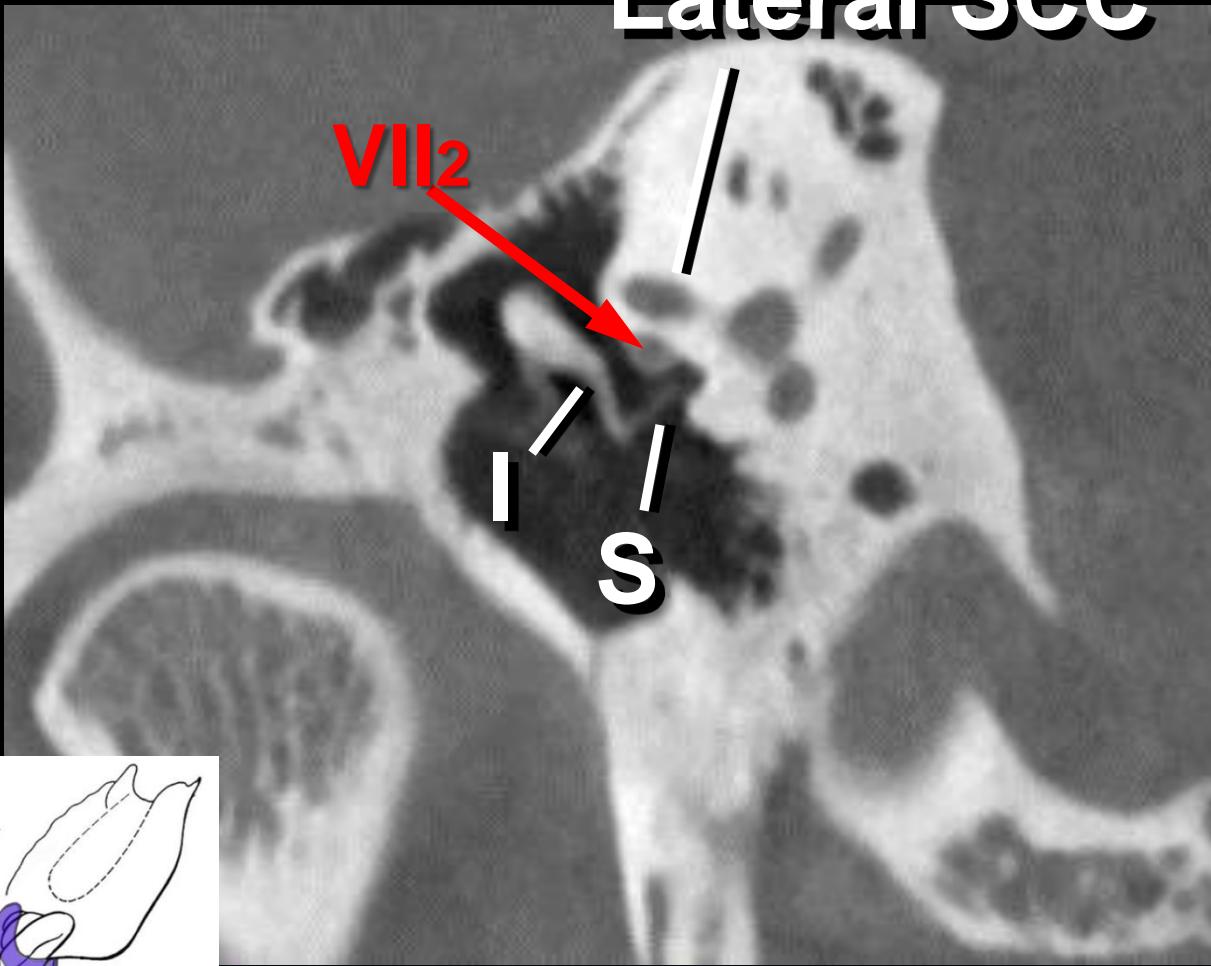


# M-malleus

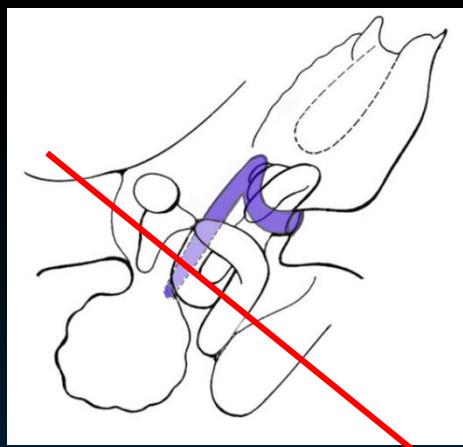
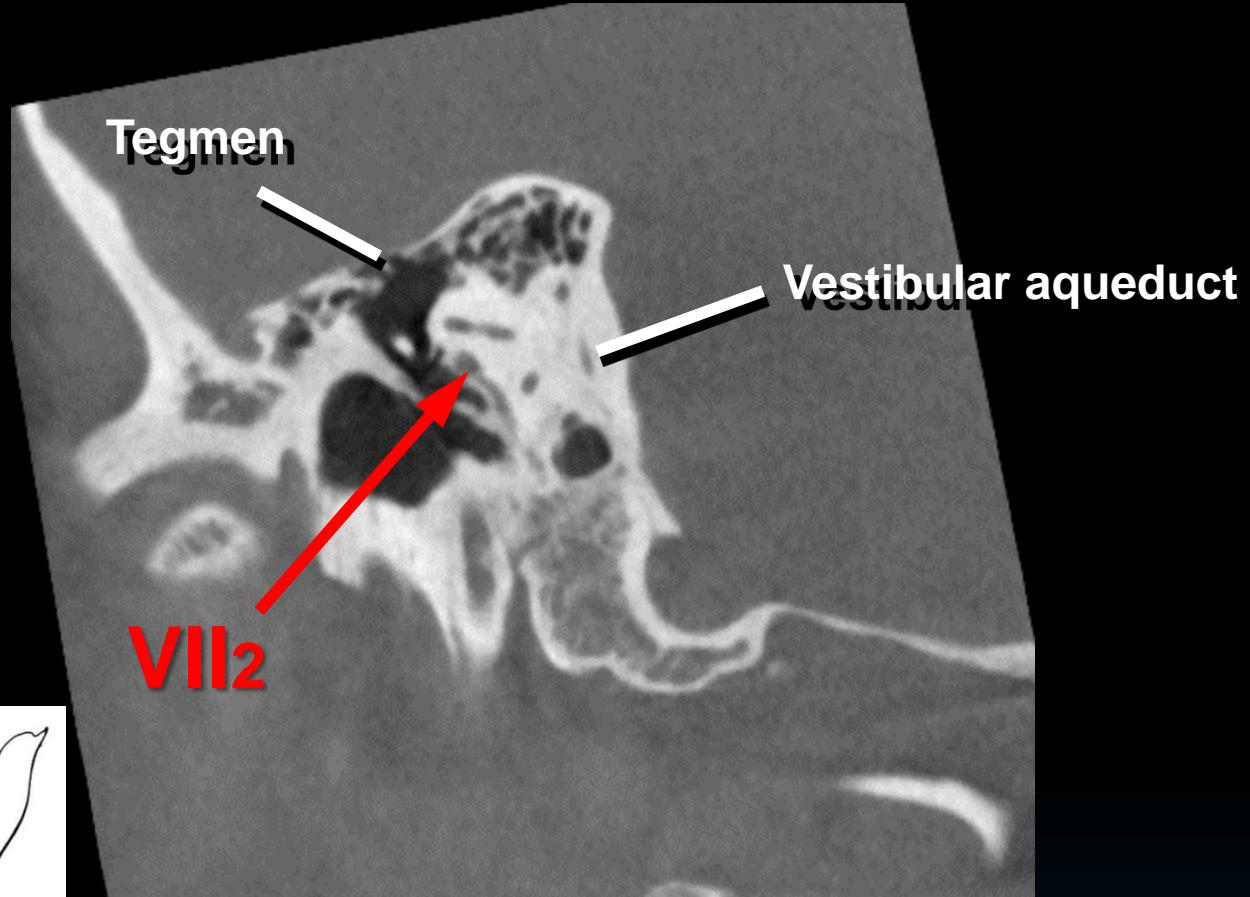


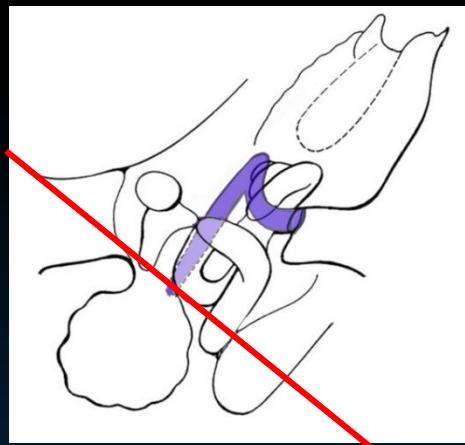
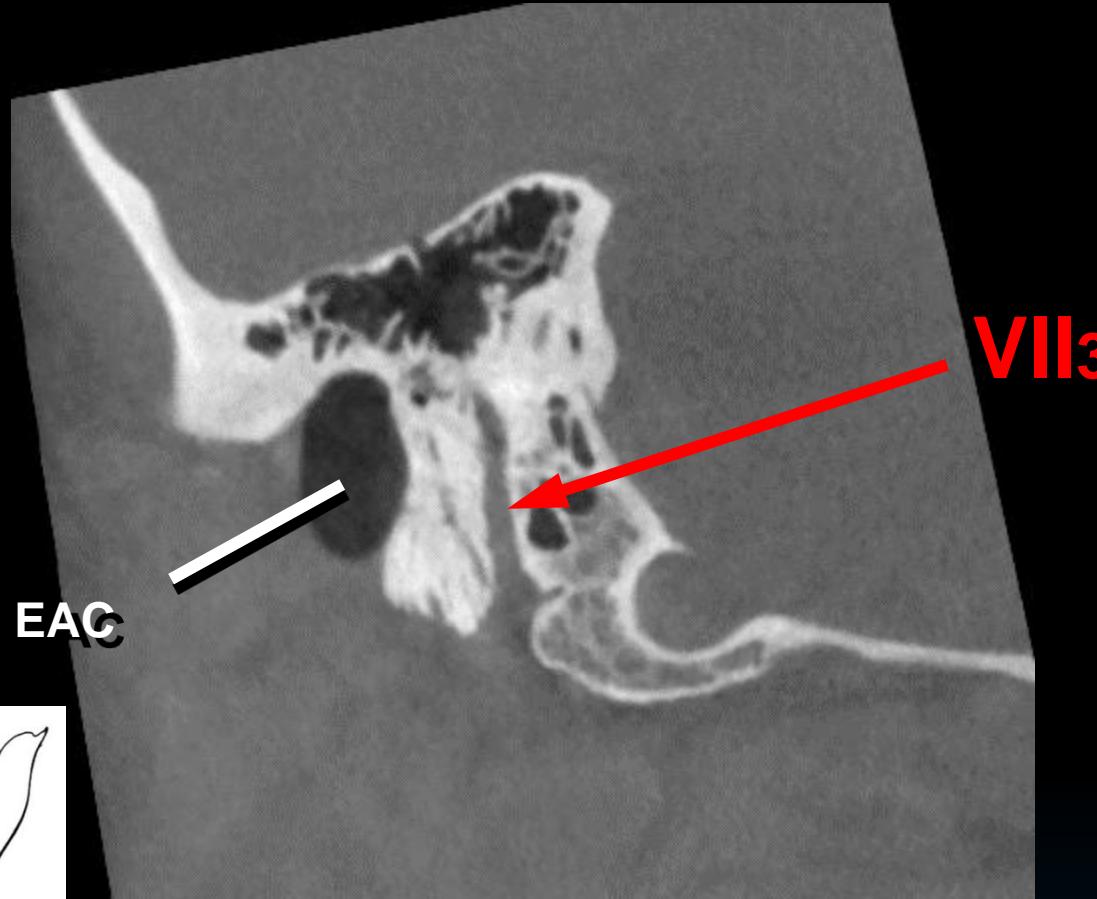


# Lateral SCC

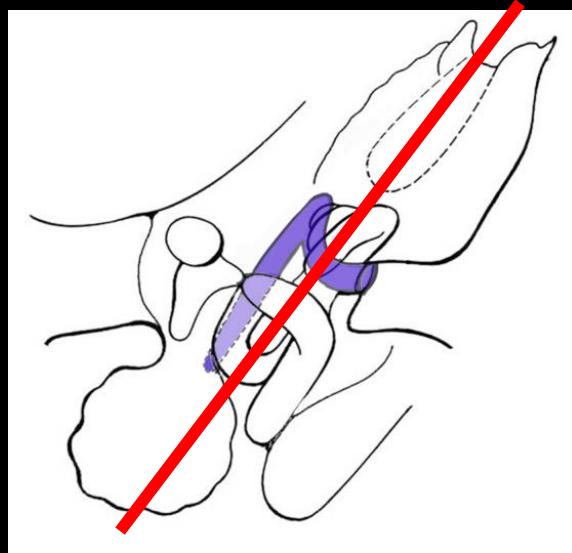


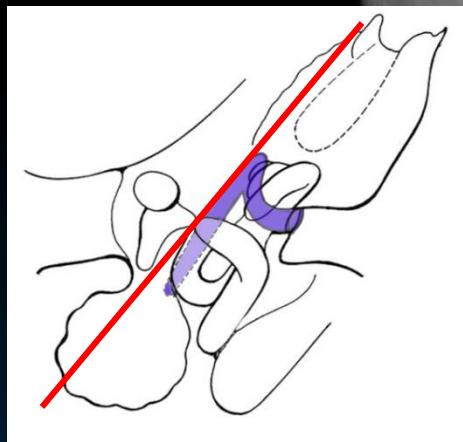
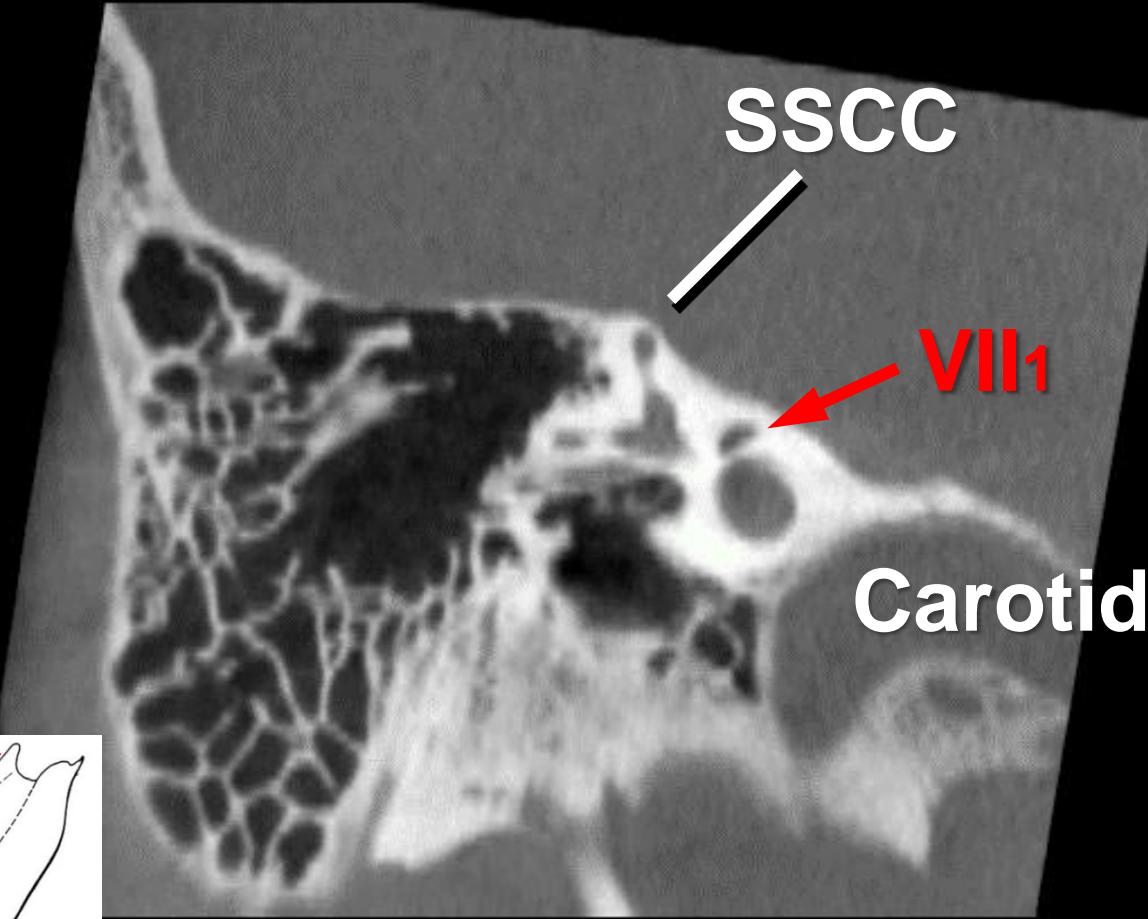
I - Incus  
S - Stapes





# Stenvers CT





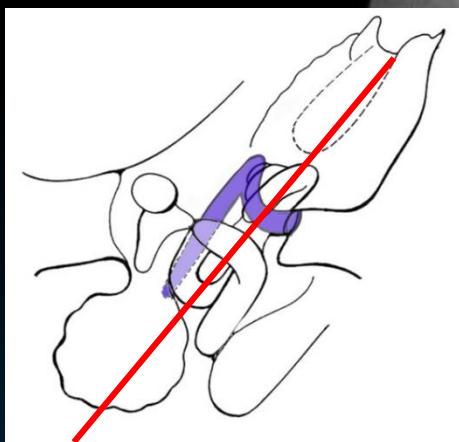
VII1 is separated from nerve to lateral canal by Bill's bar

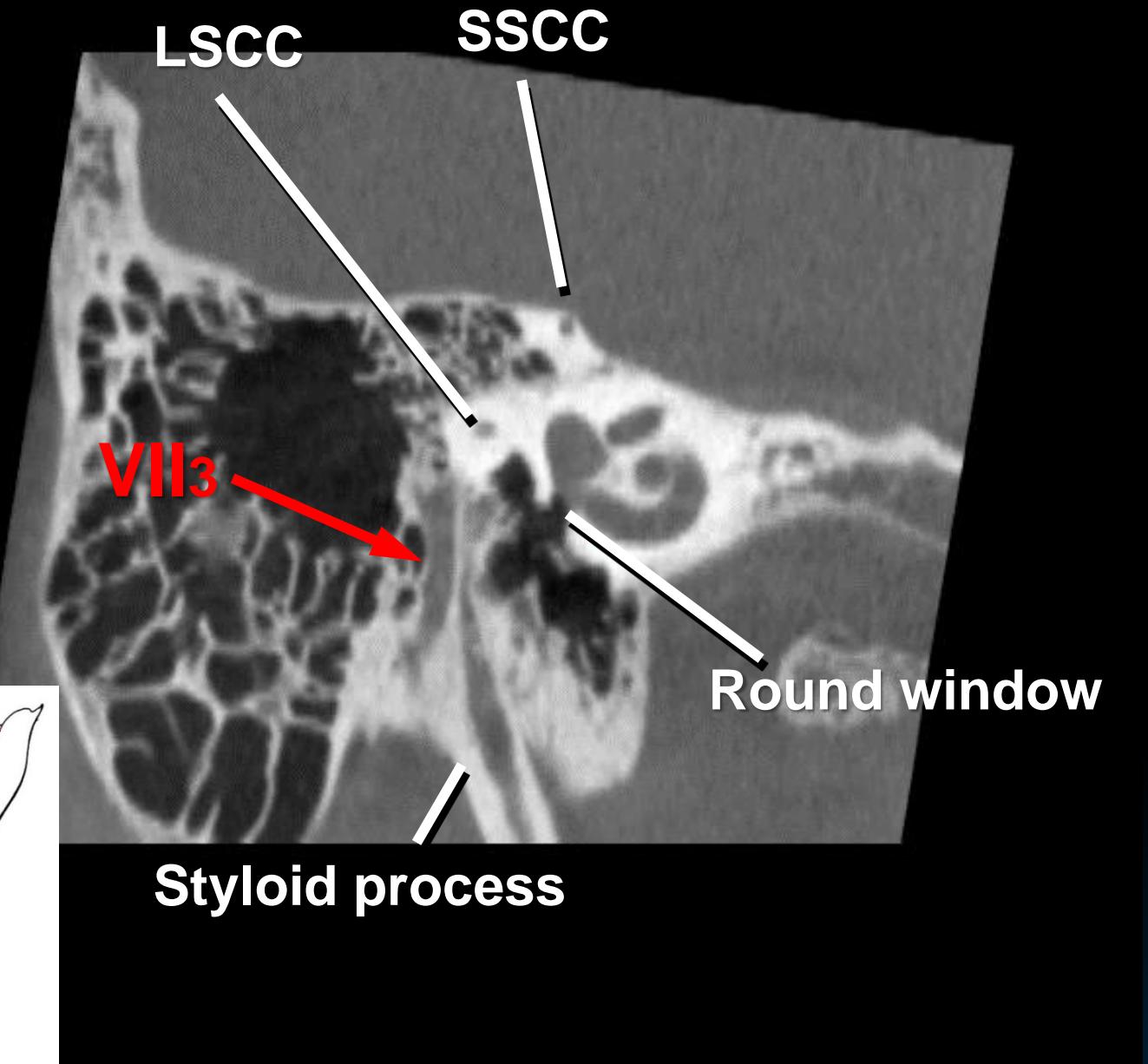
Canal for nerve  
to lateral SCC

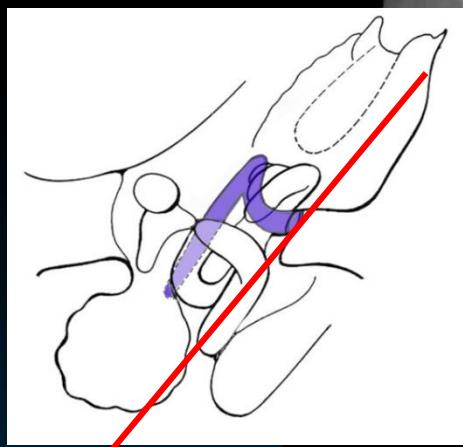
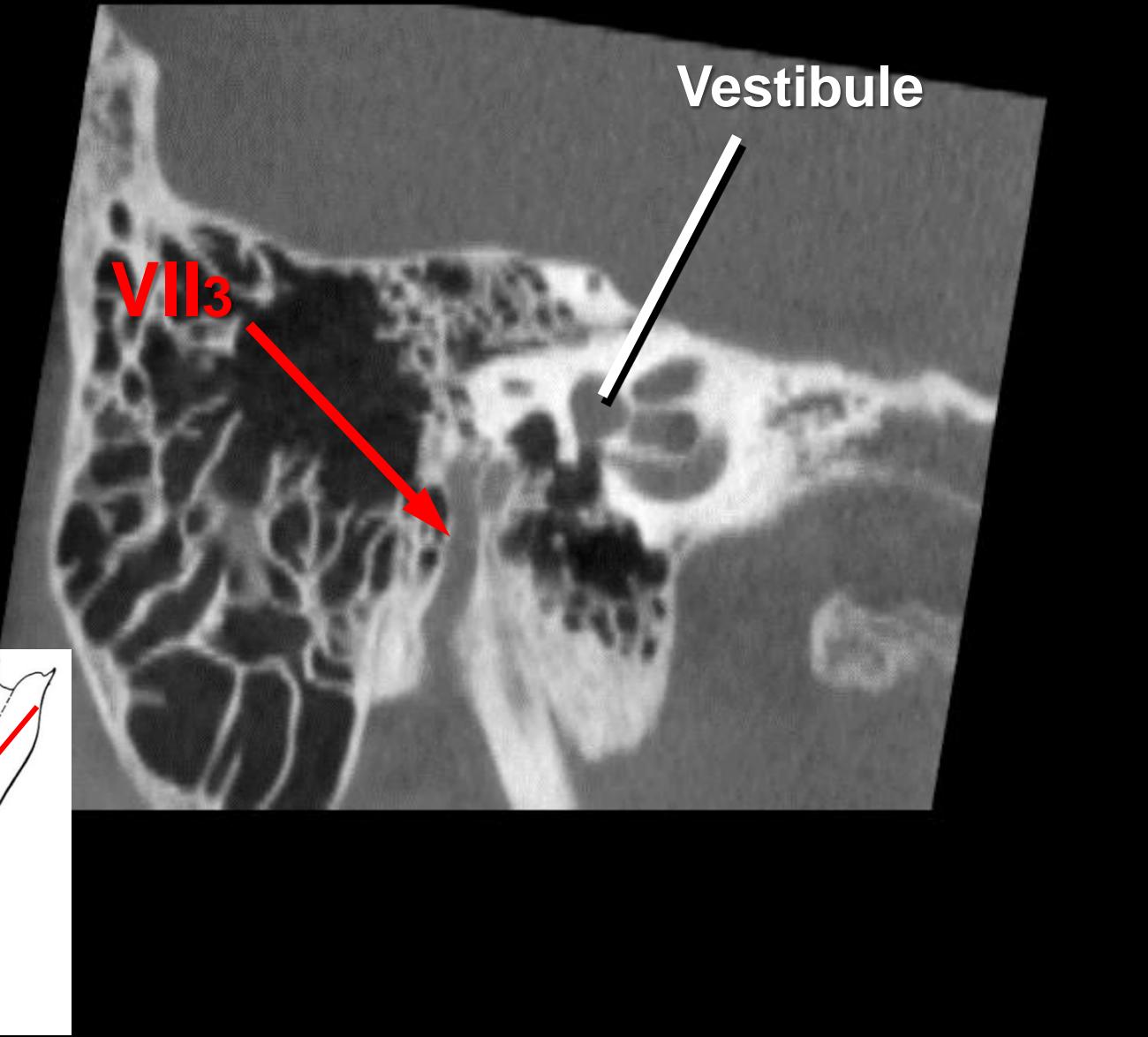
VII

VII1

Basilar turn  
cochlea



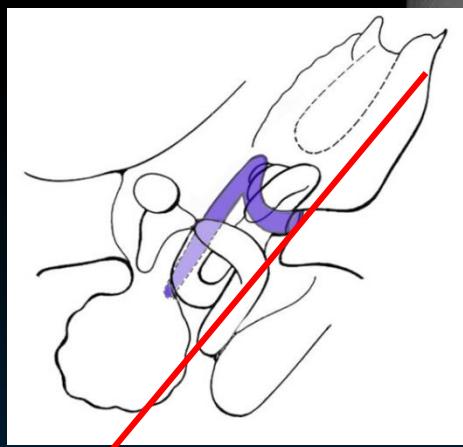




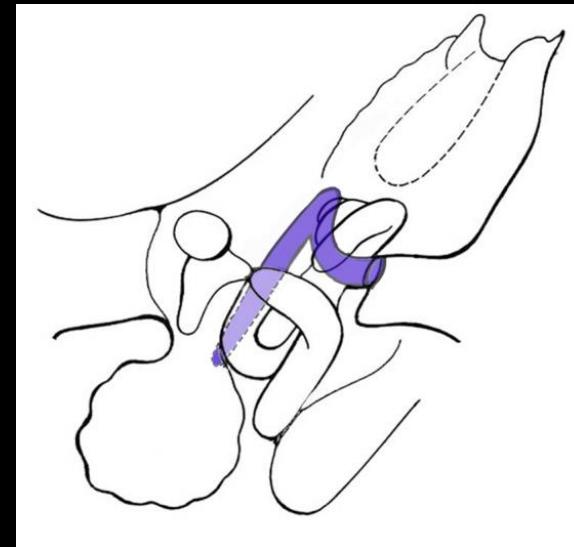
PSCC

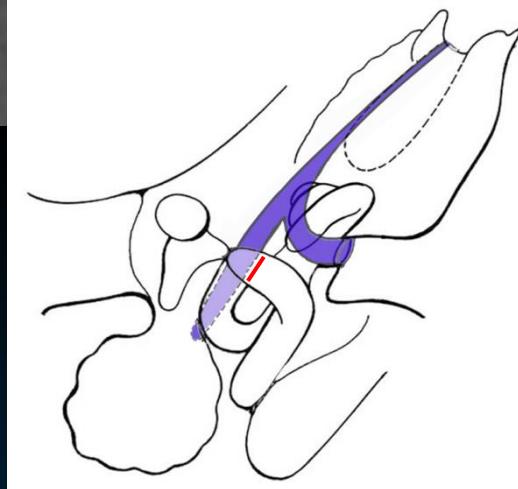
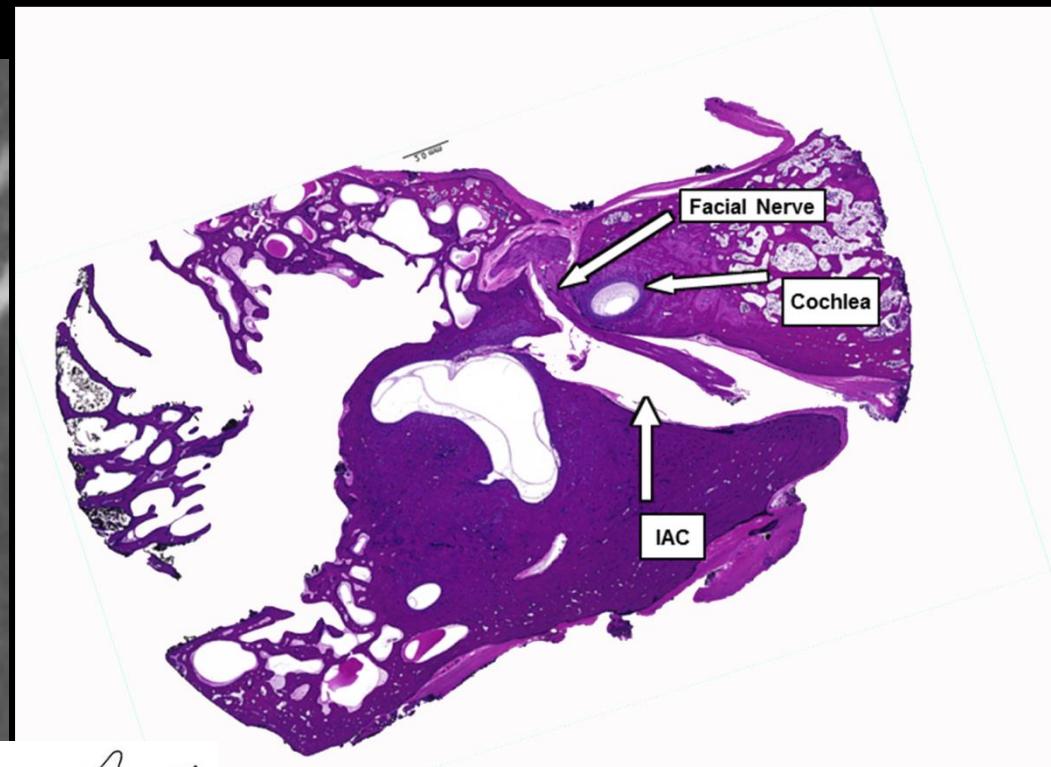
Common Crus

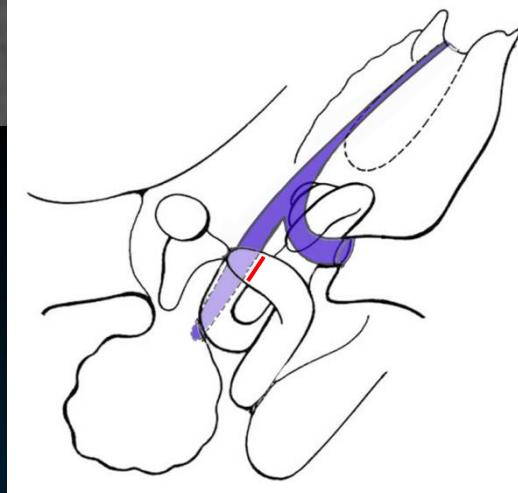
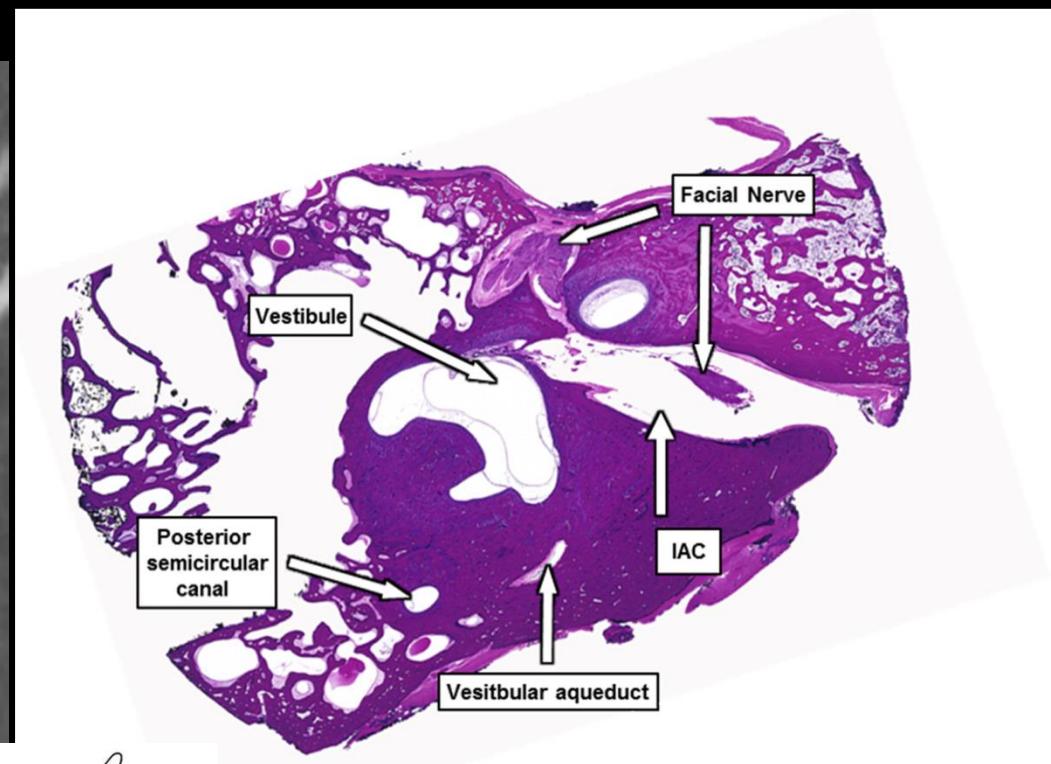
IAC

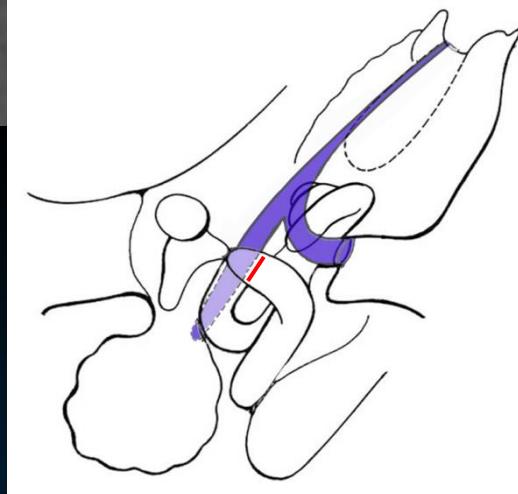
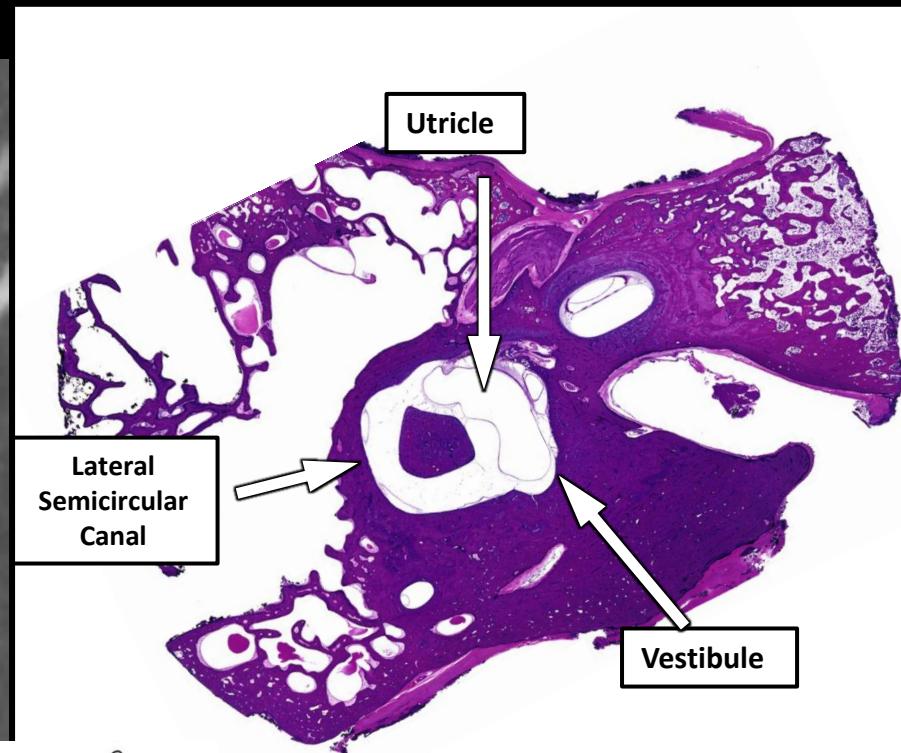


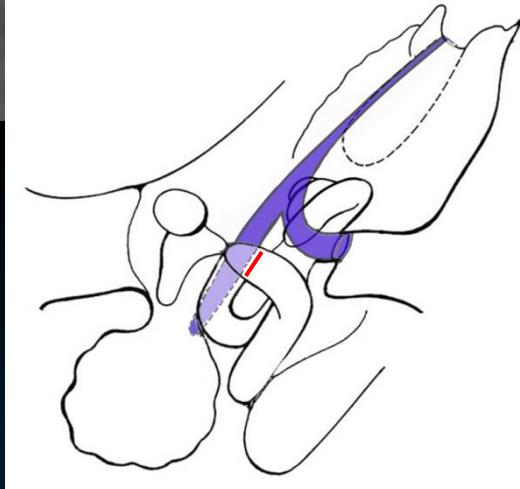
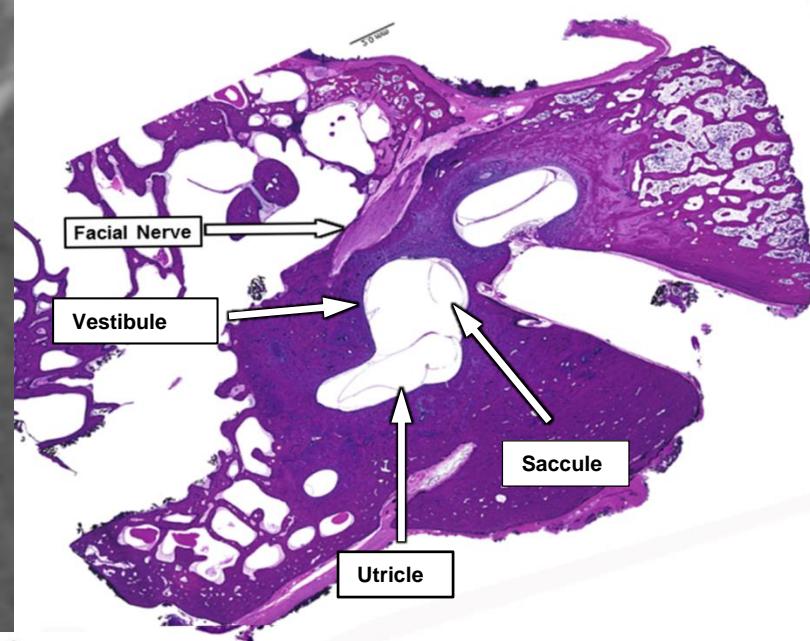
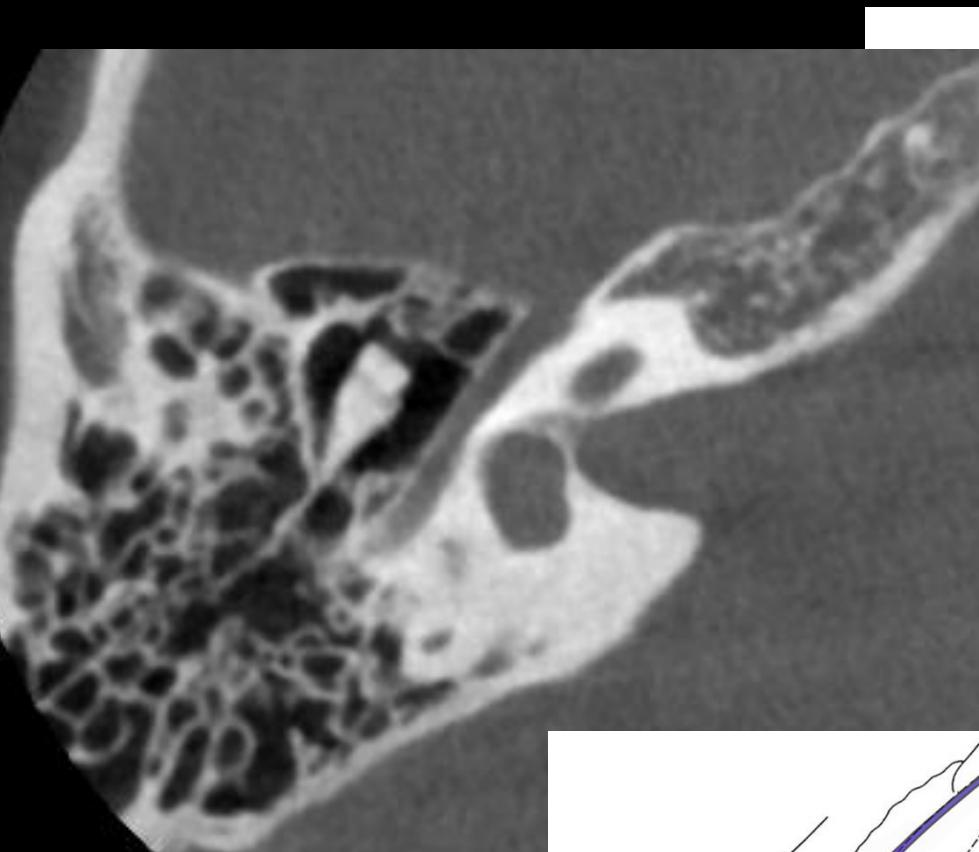
# Axial CT Histology correlation

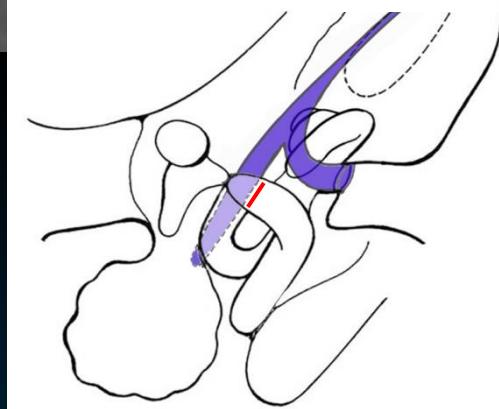
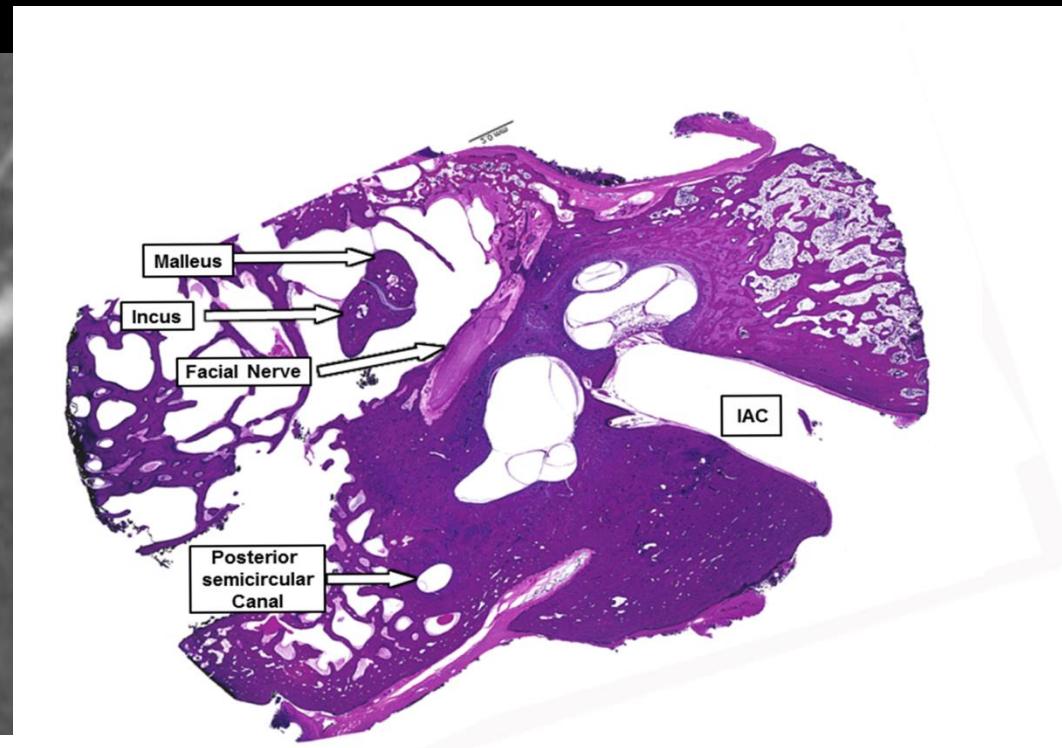
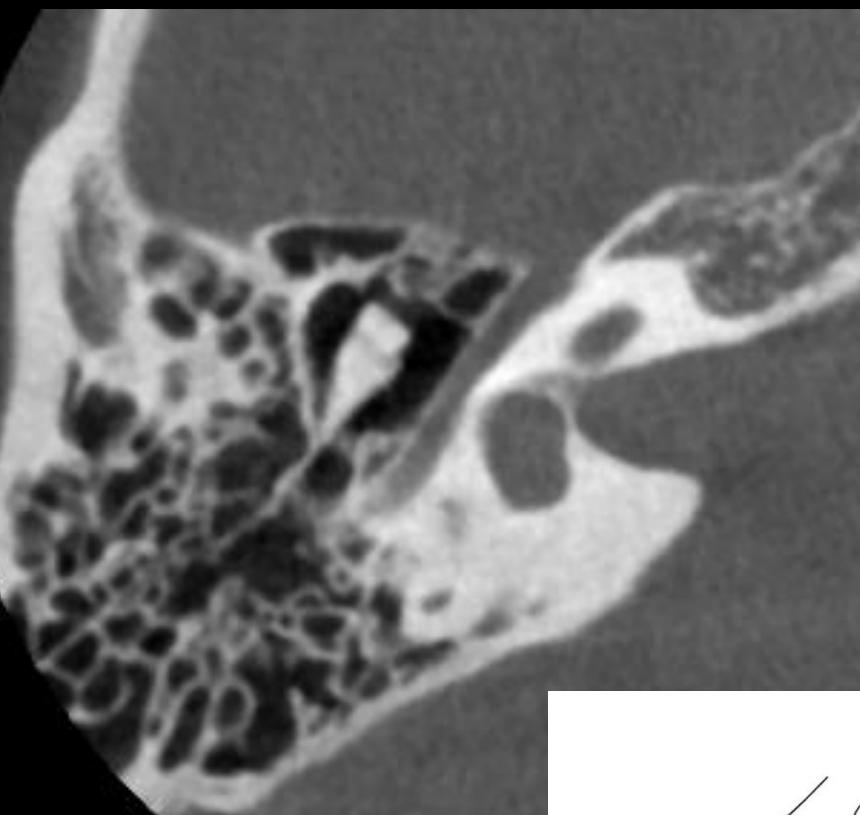


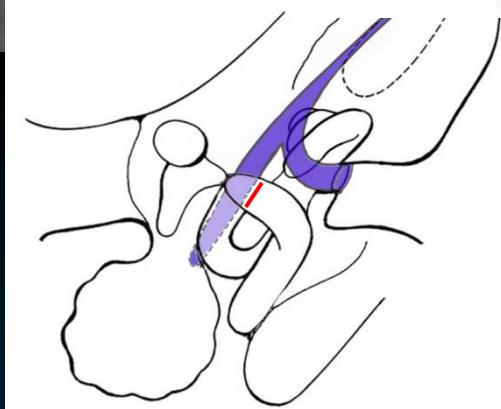
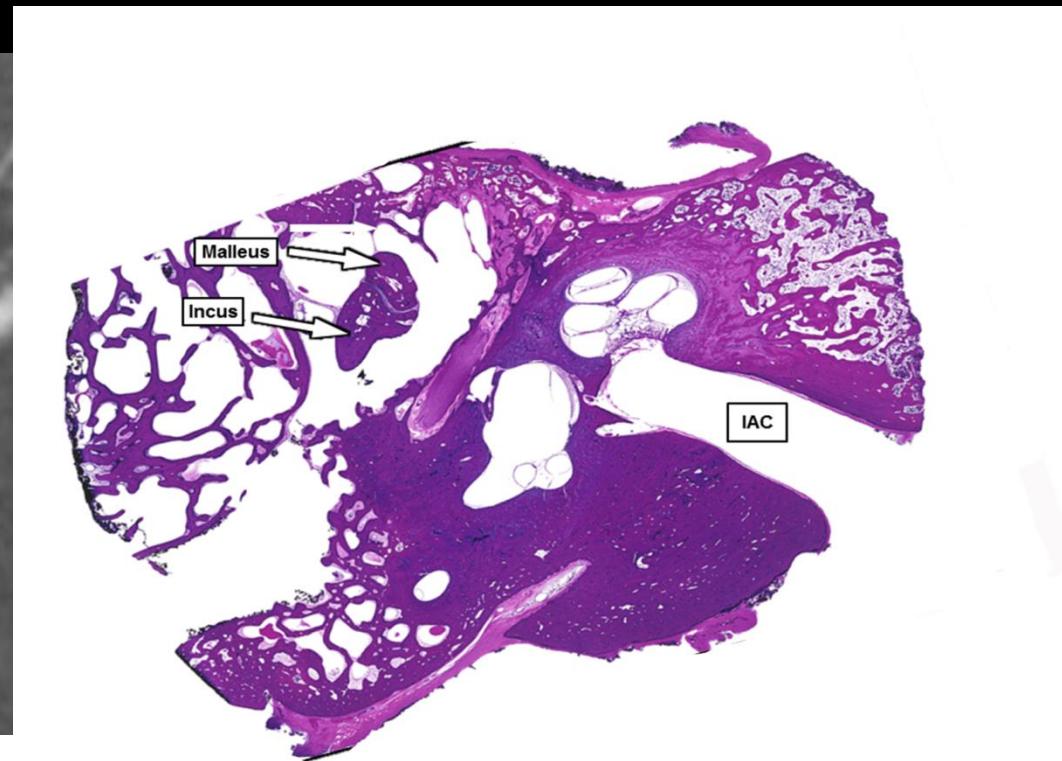
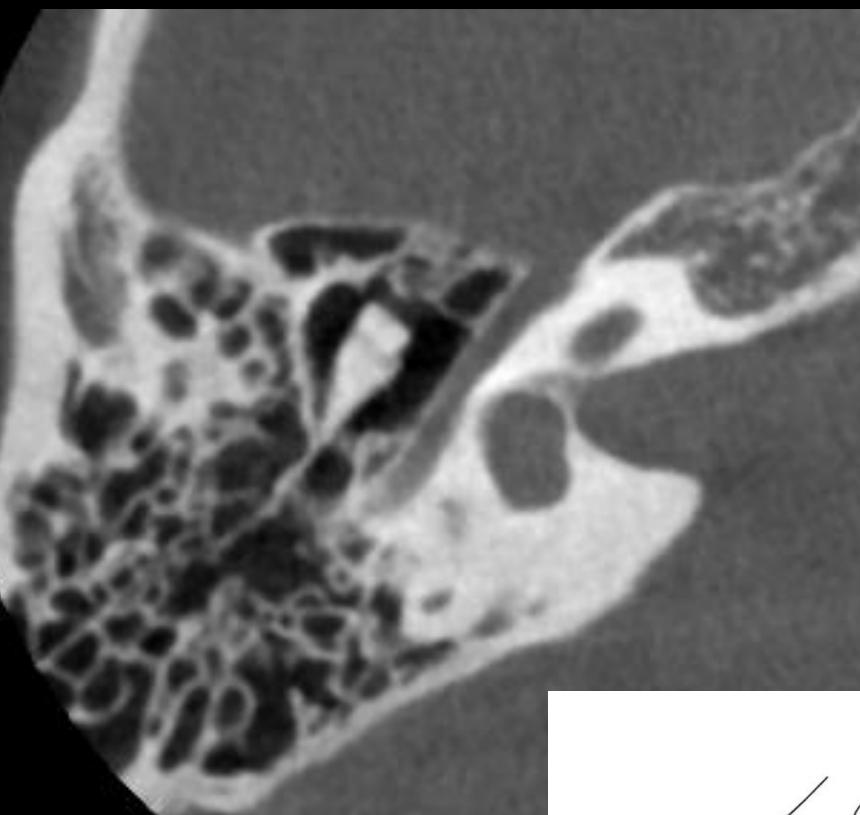


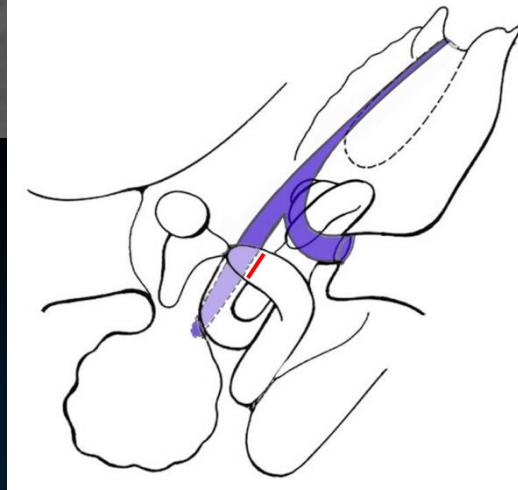
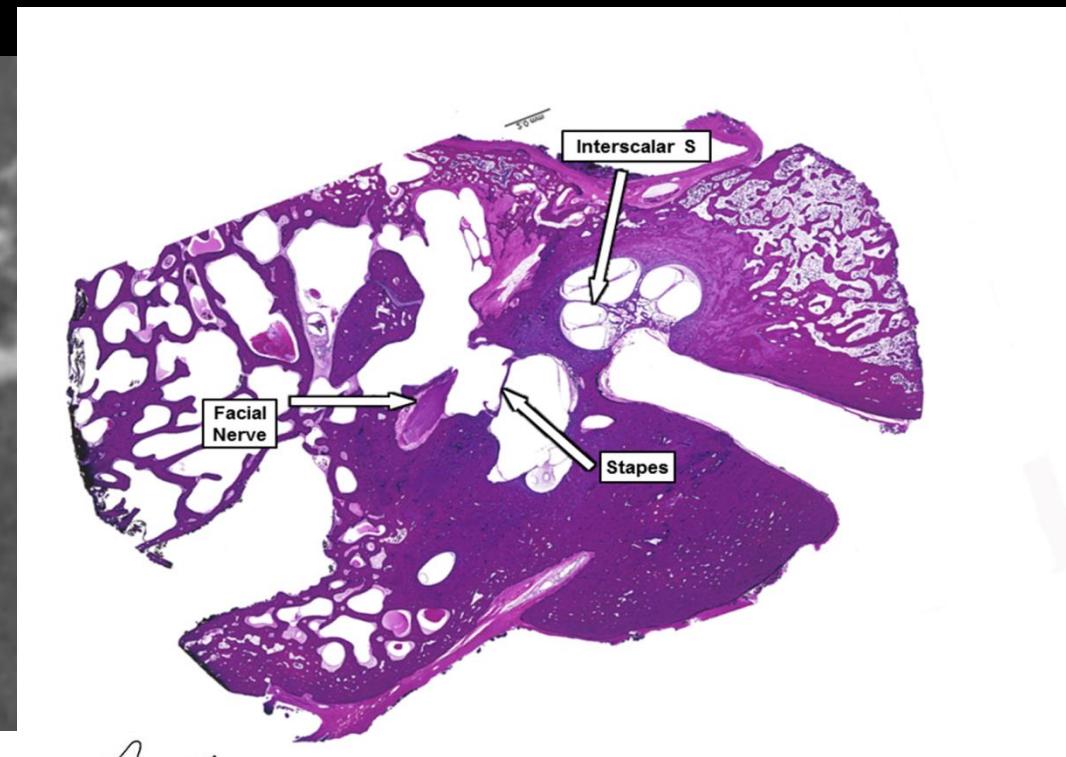
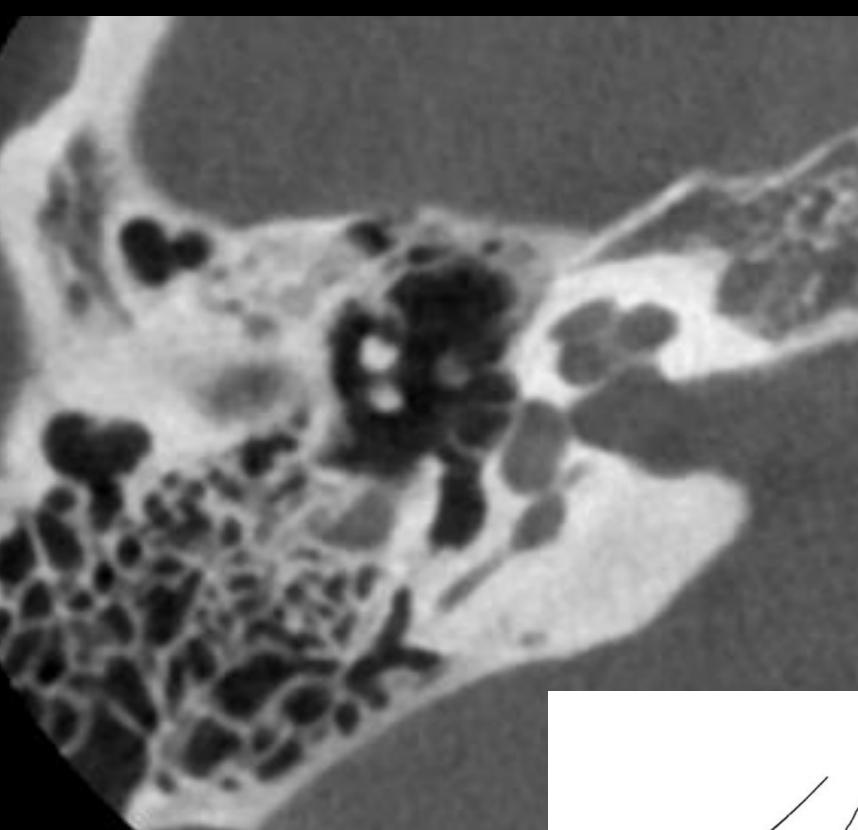


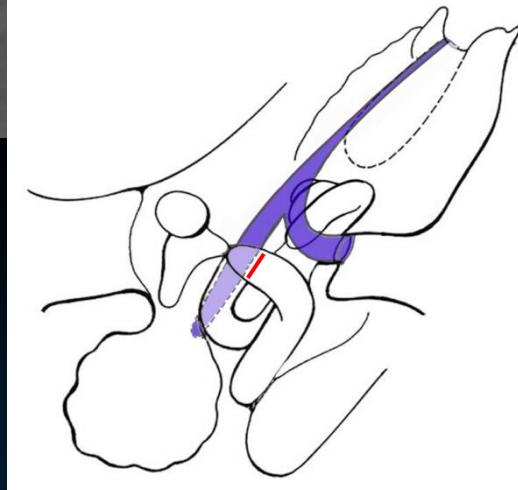
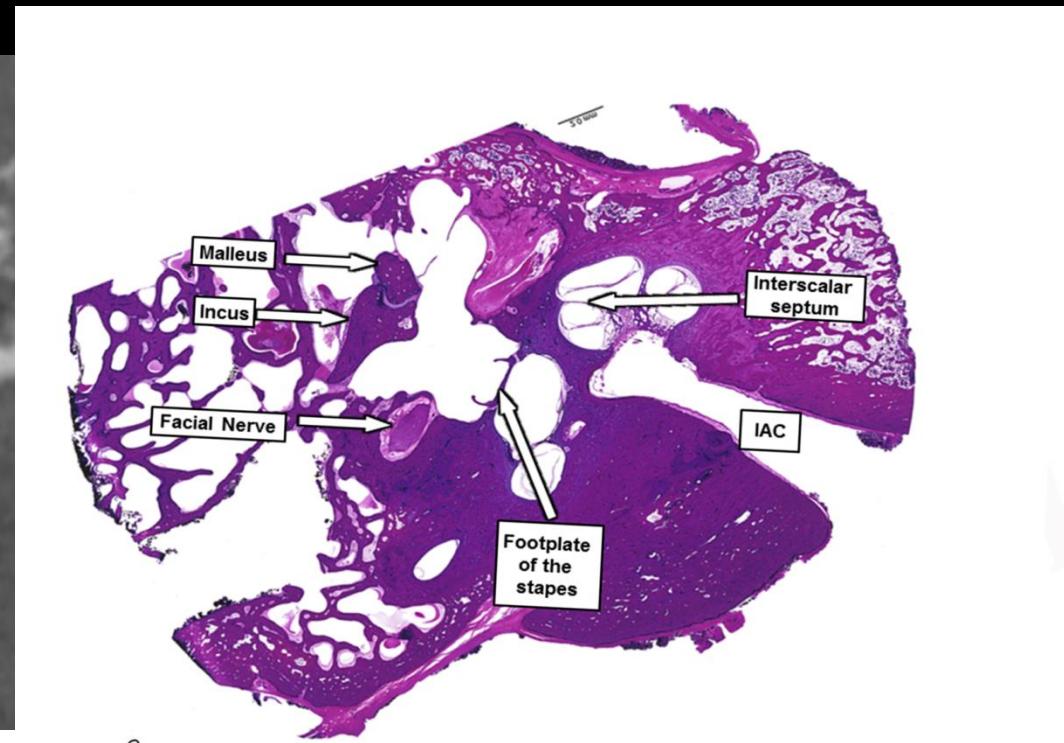
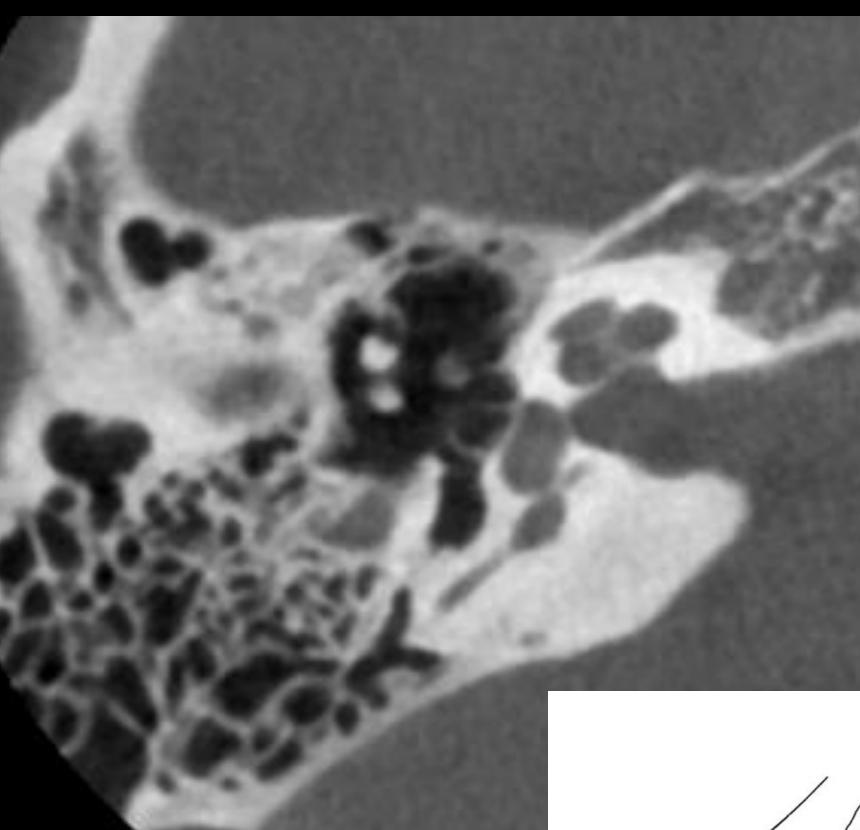


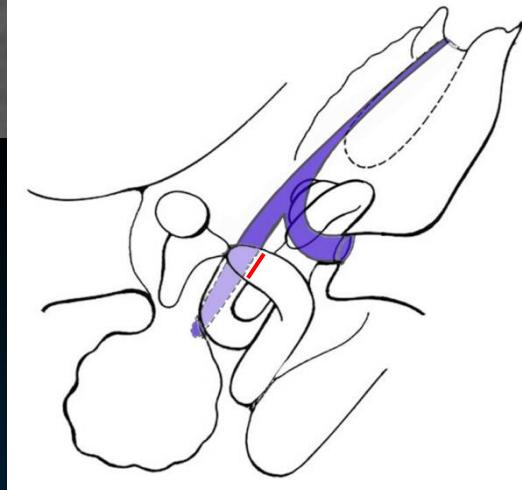
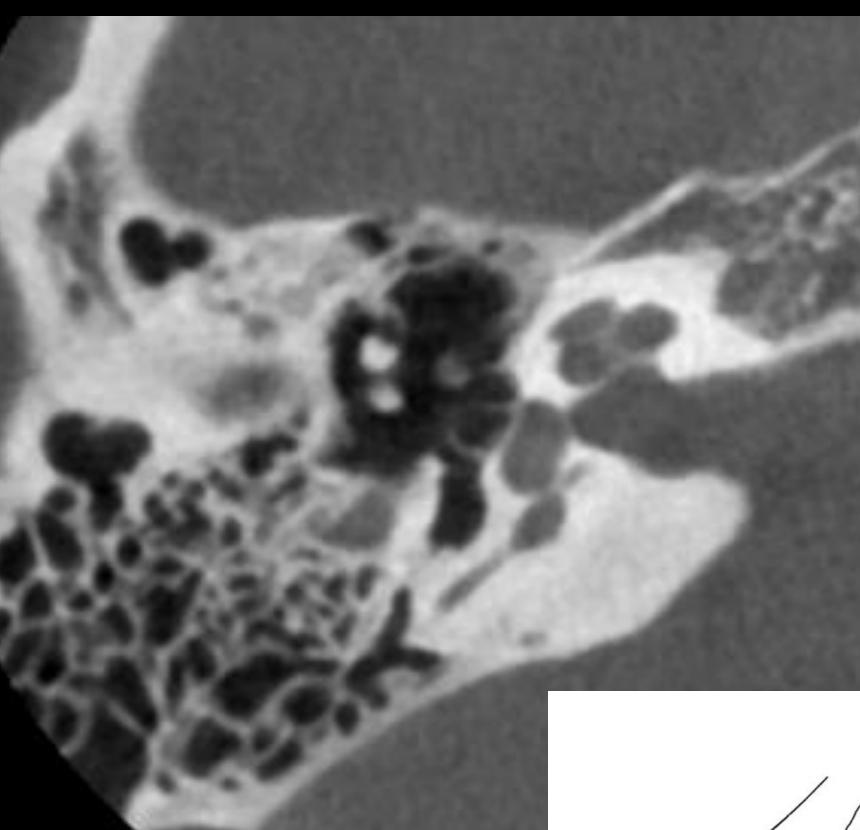


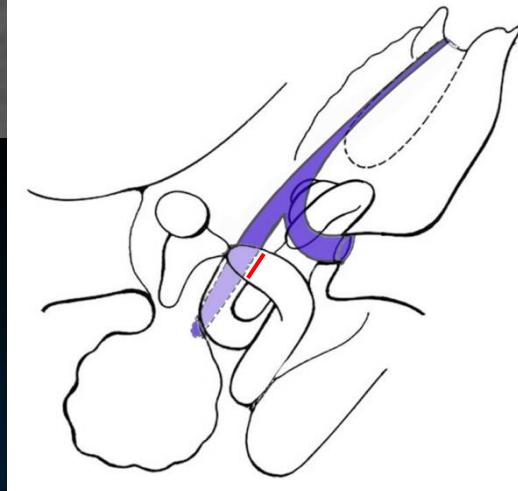
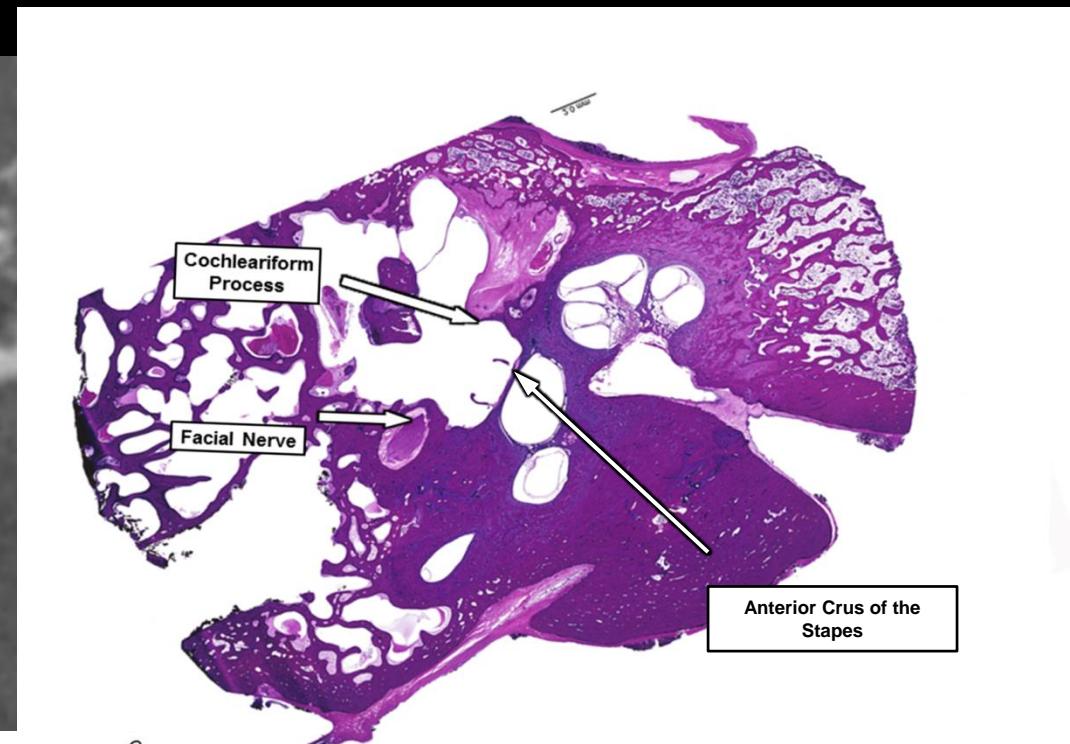
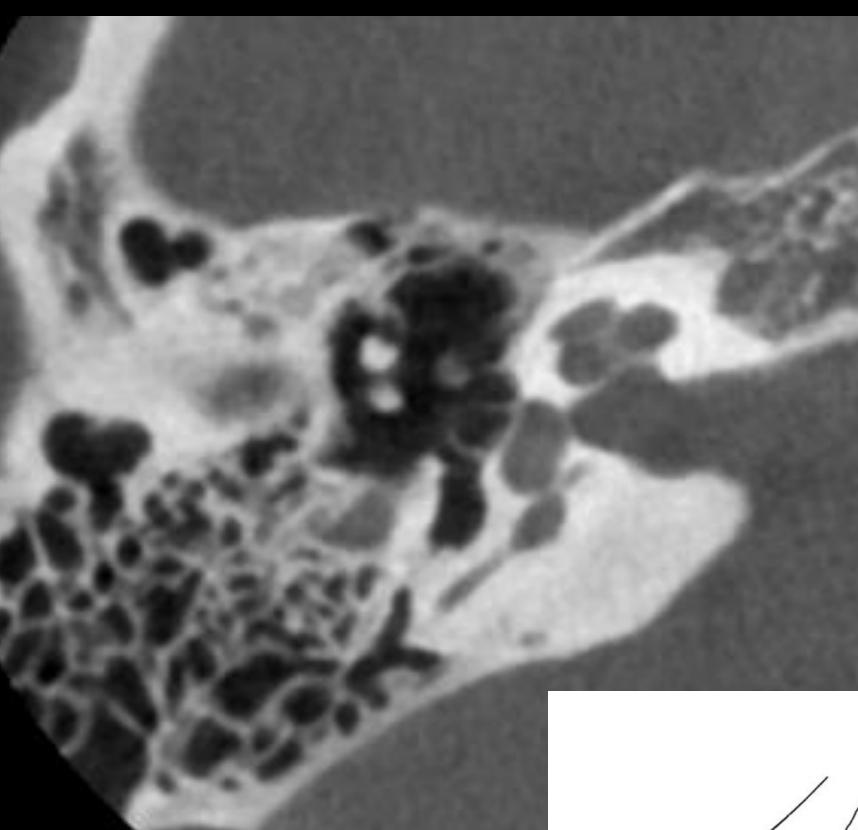


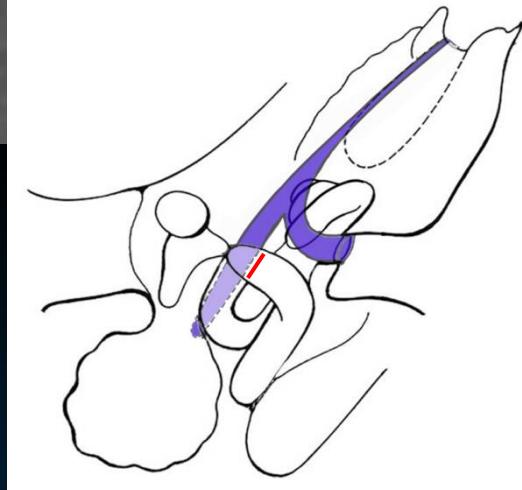
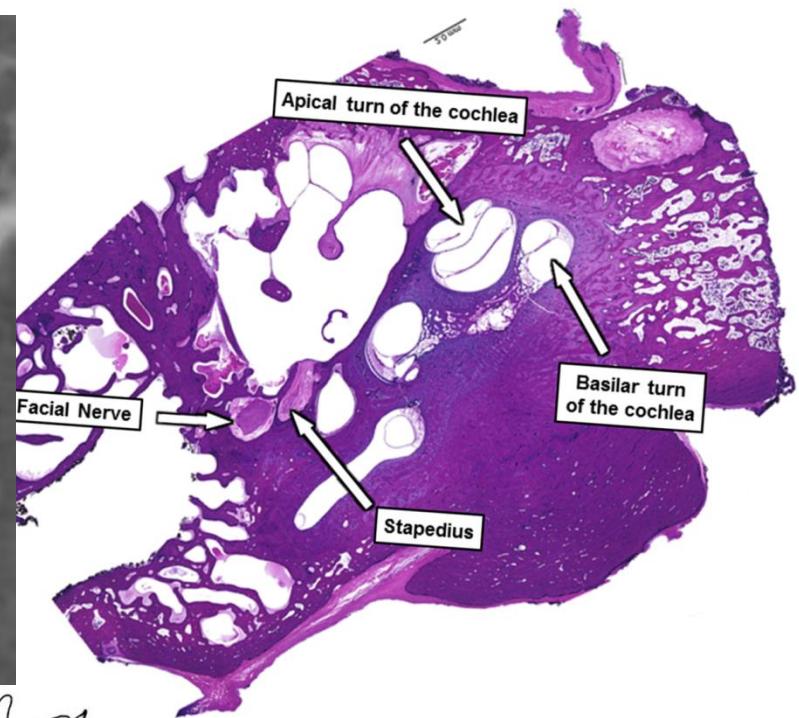


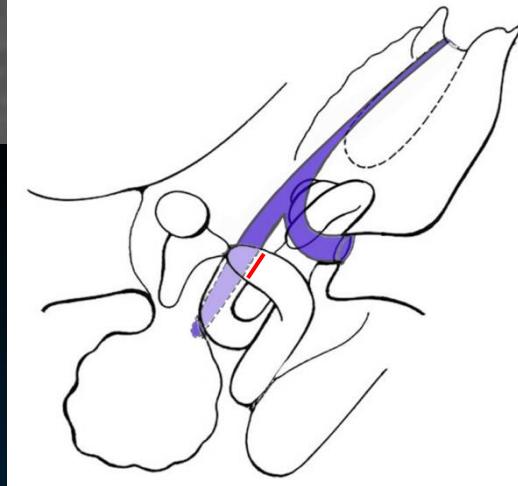


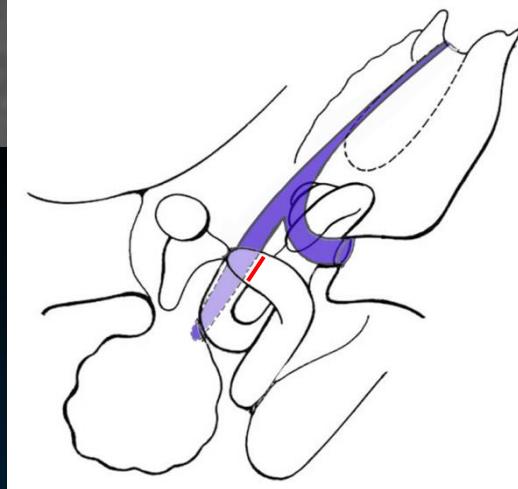
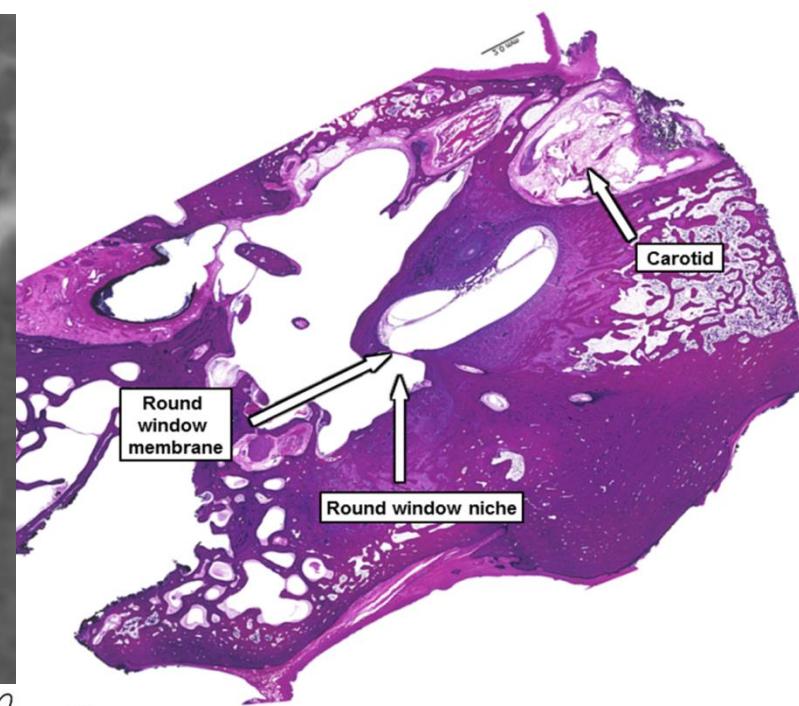
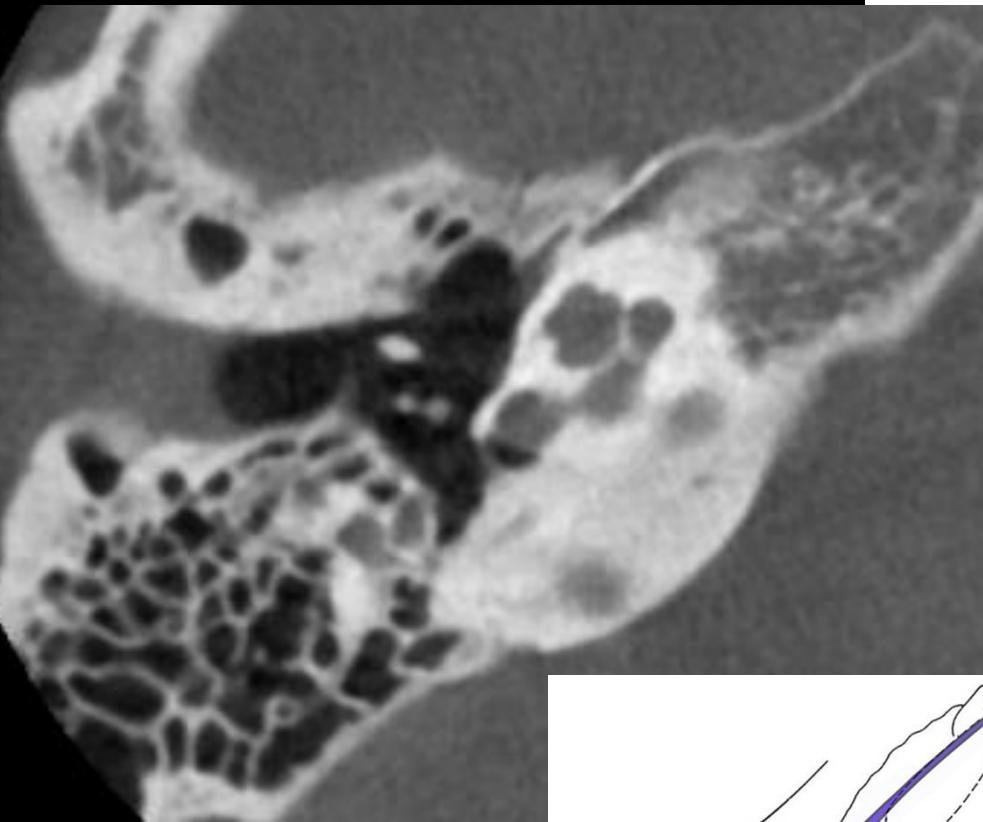


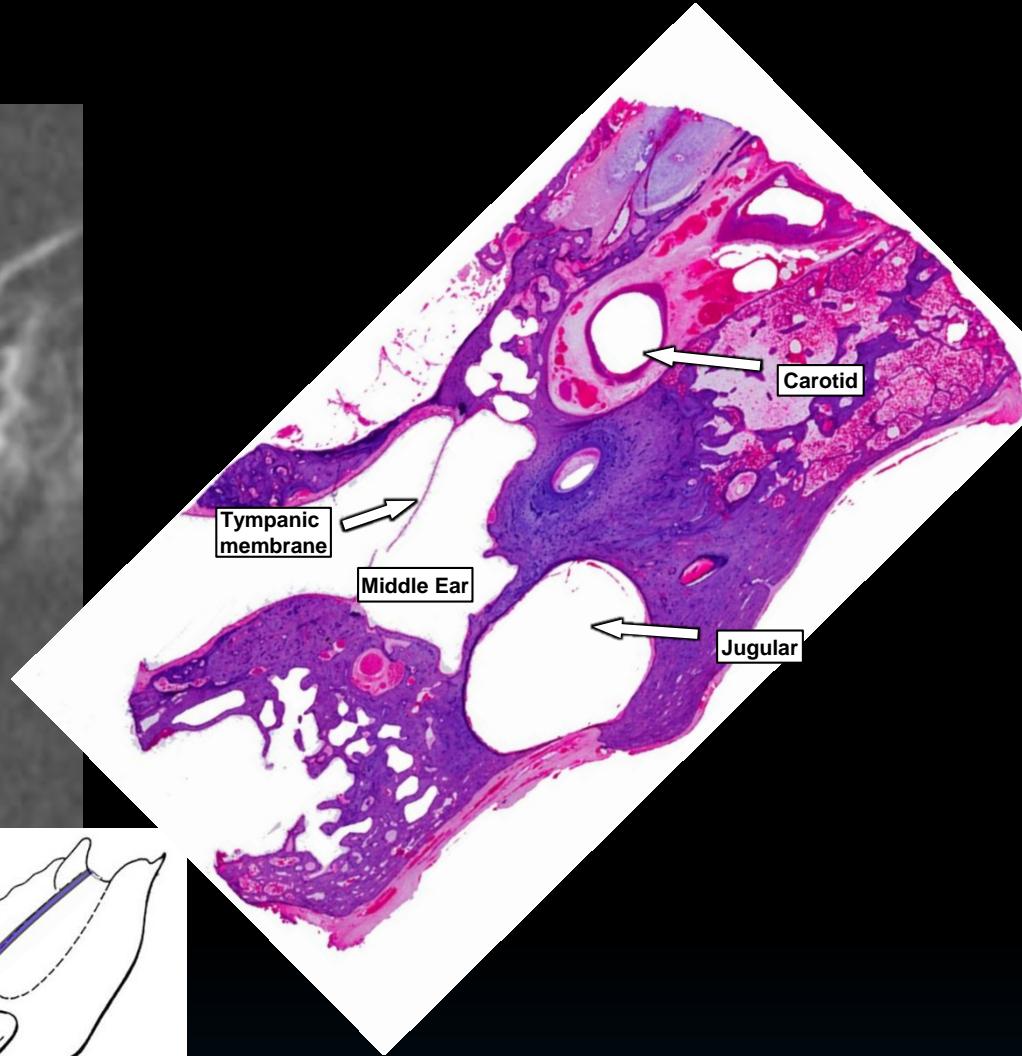
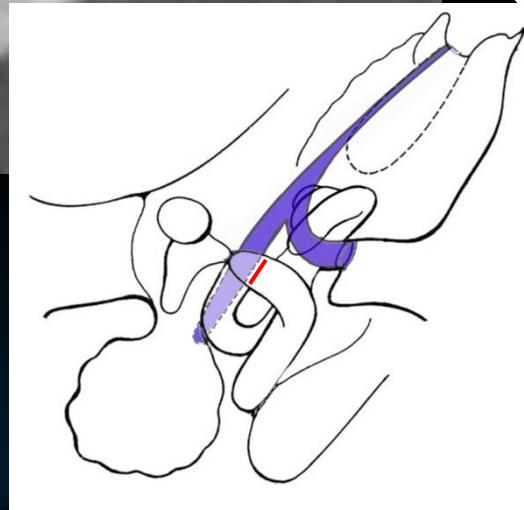
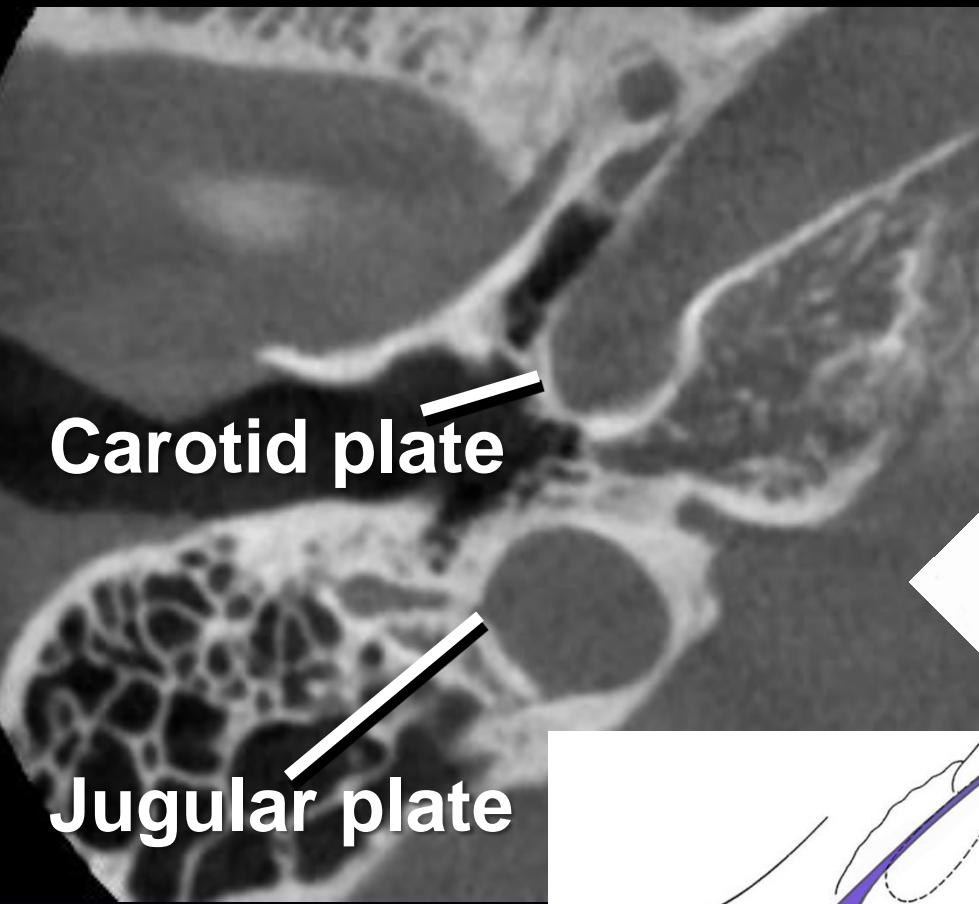




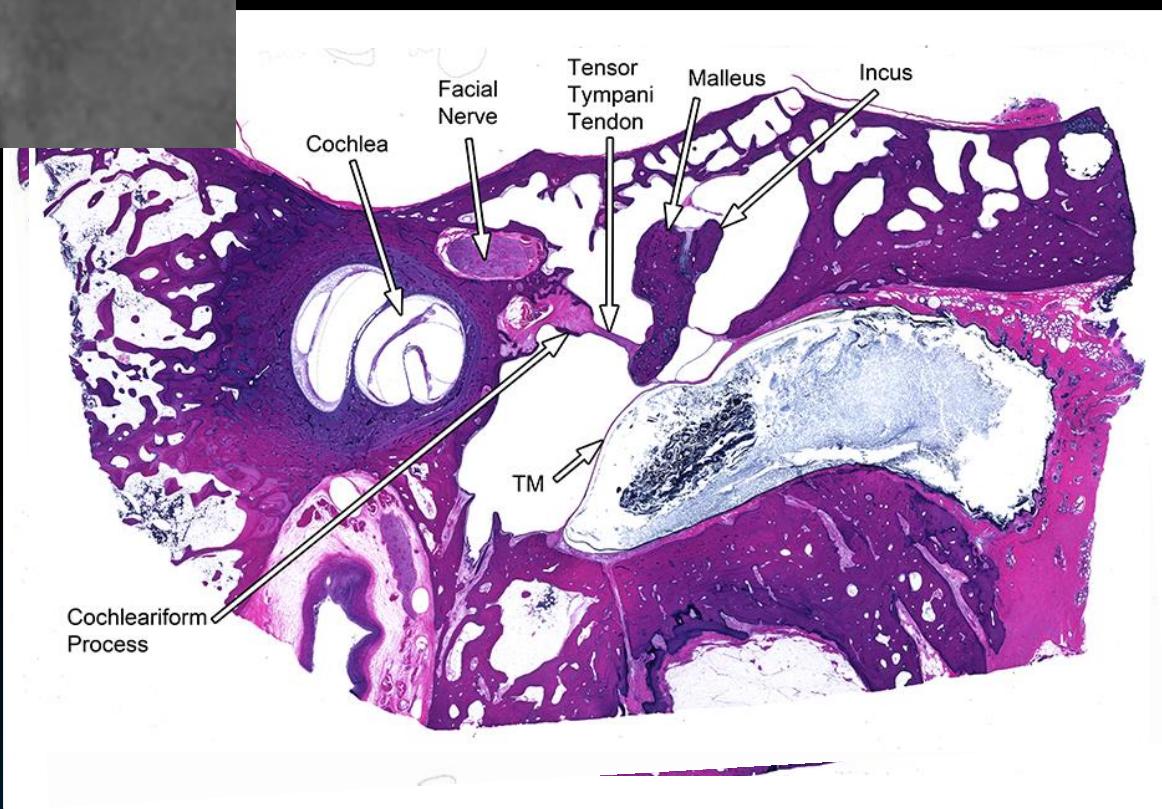
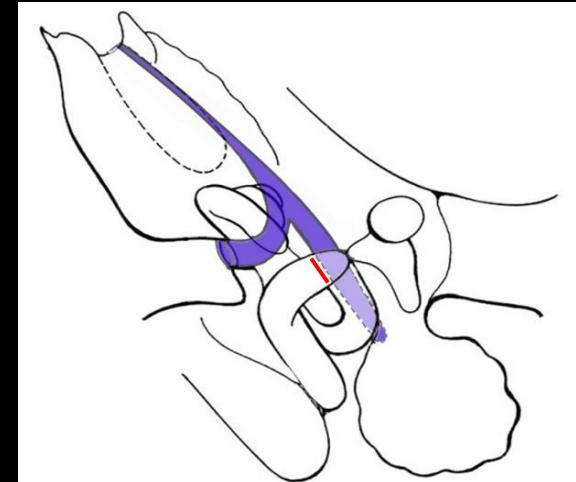
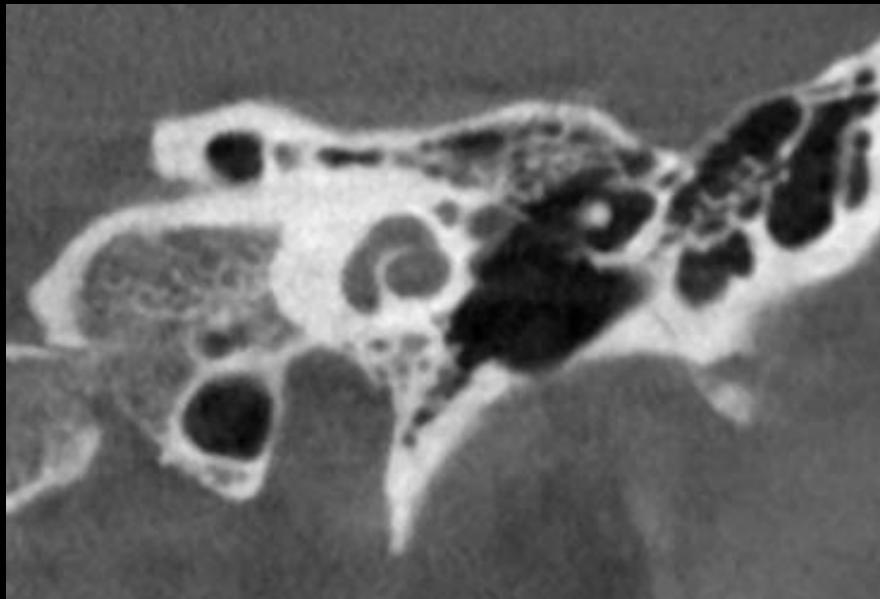


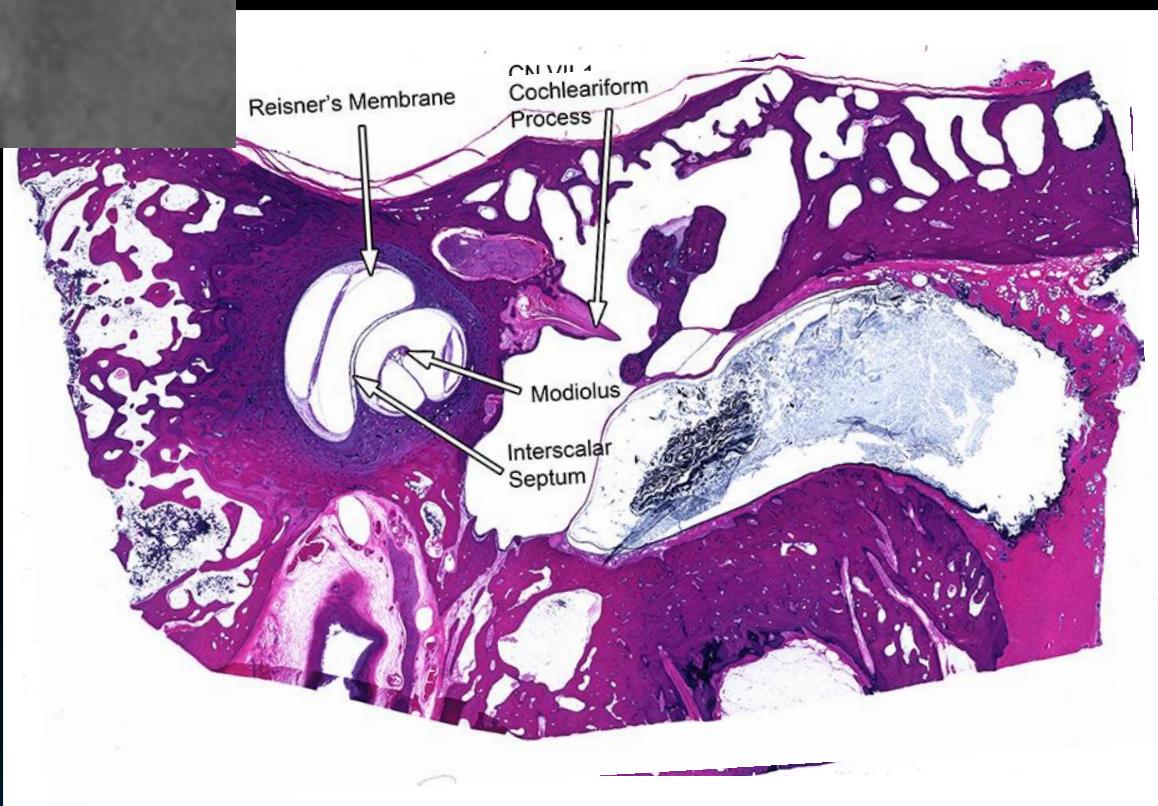
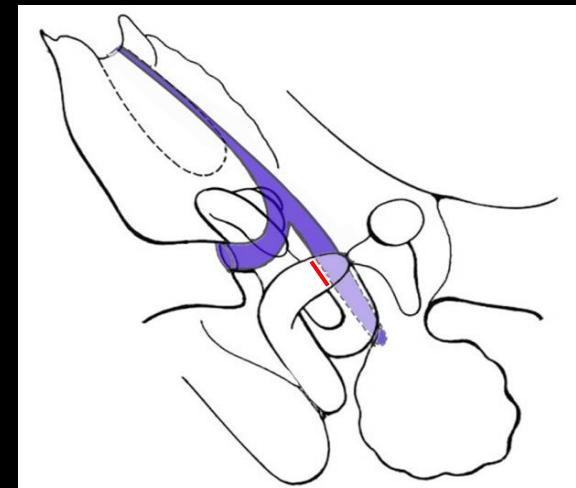
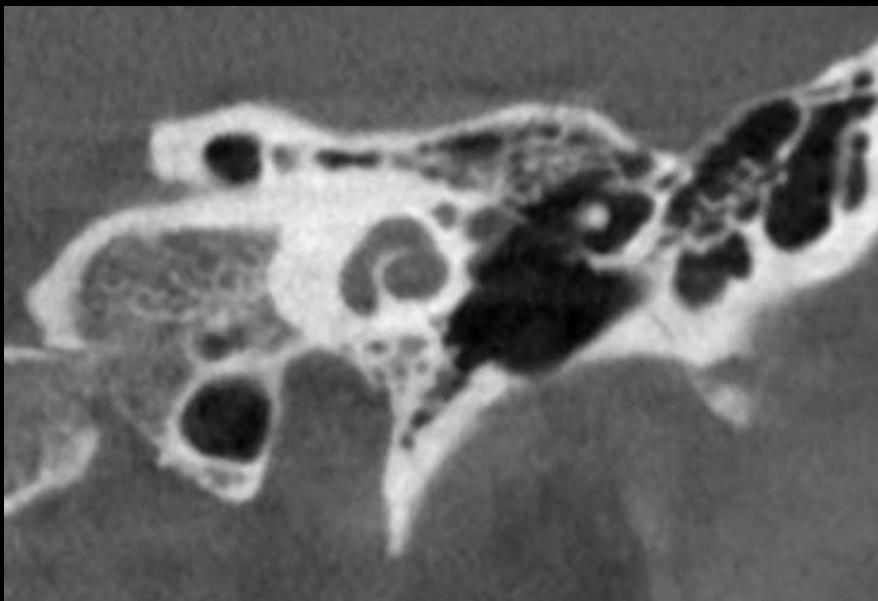


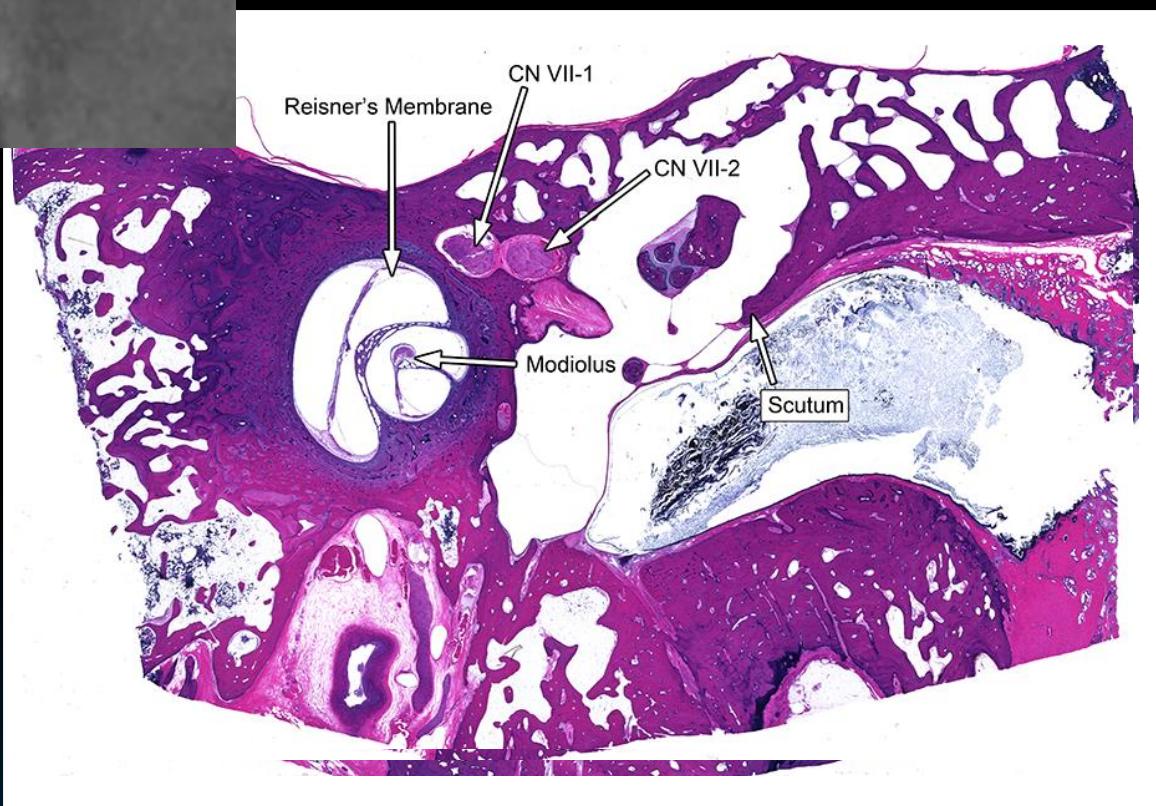
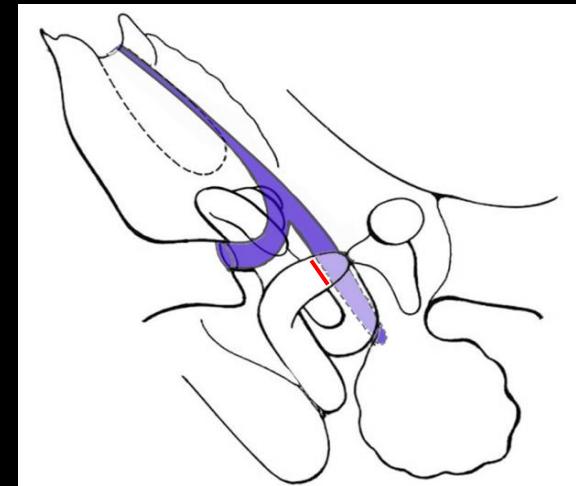
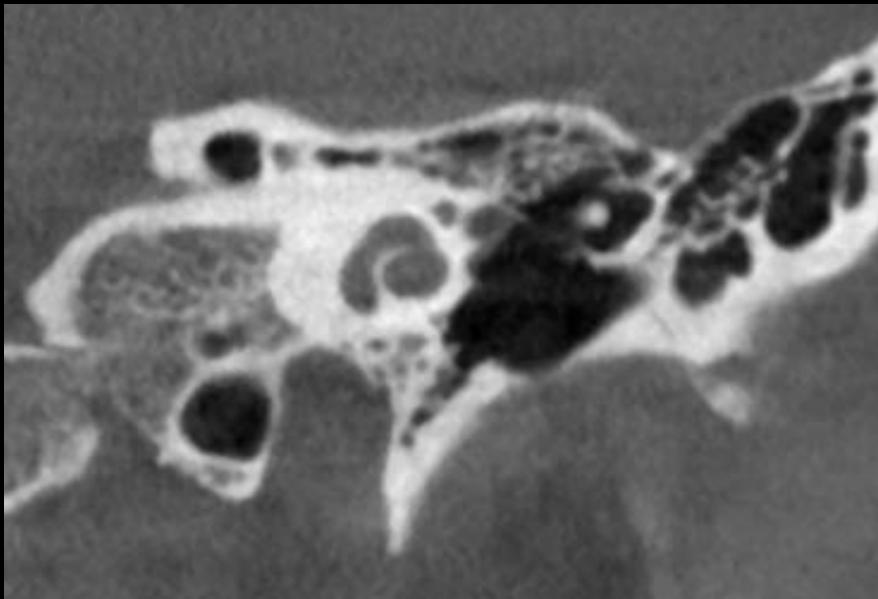


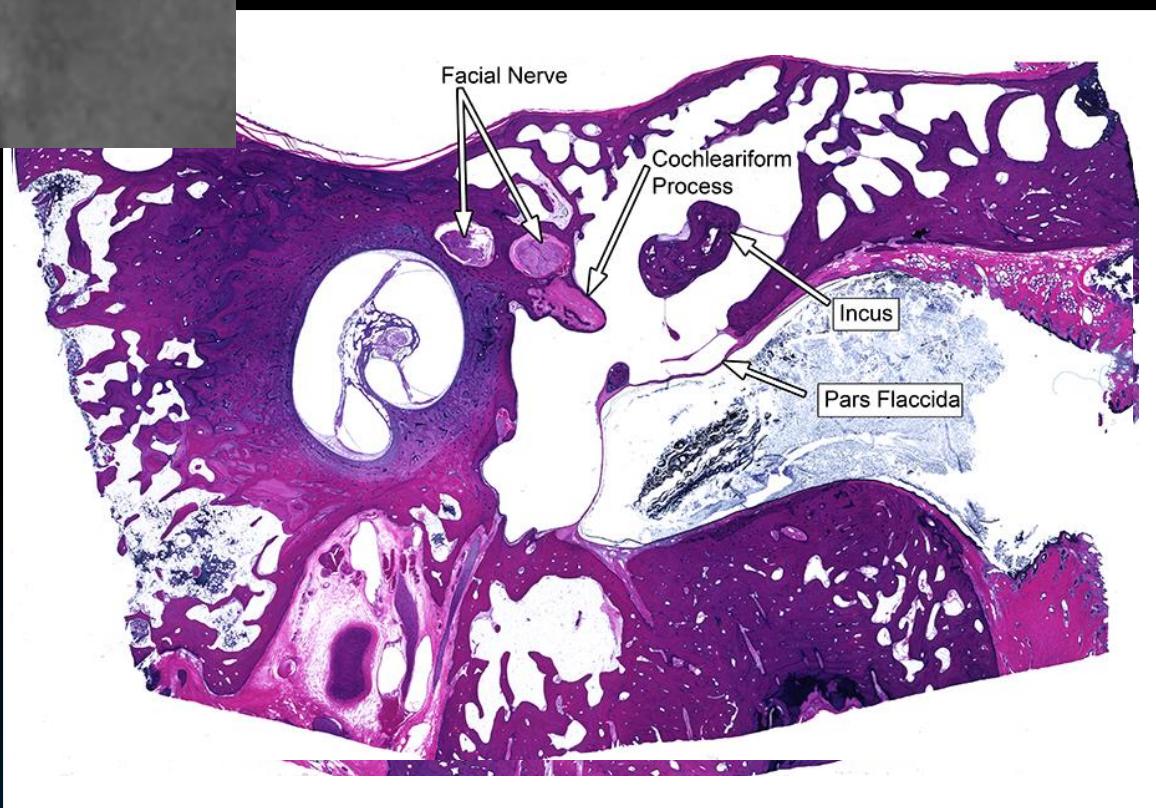
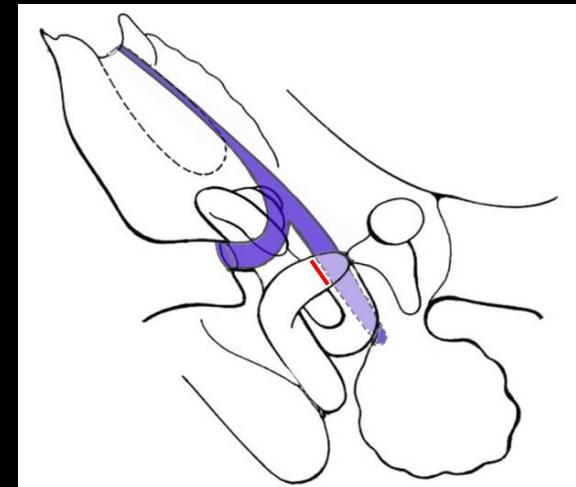
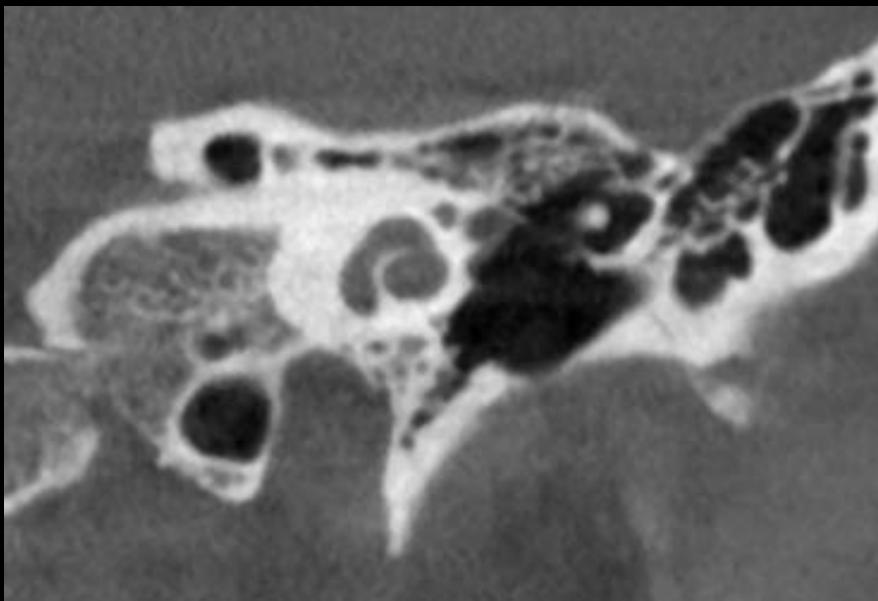


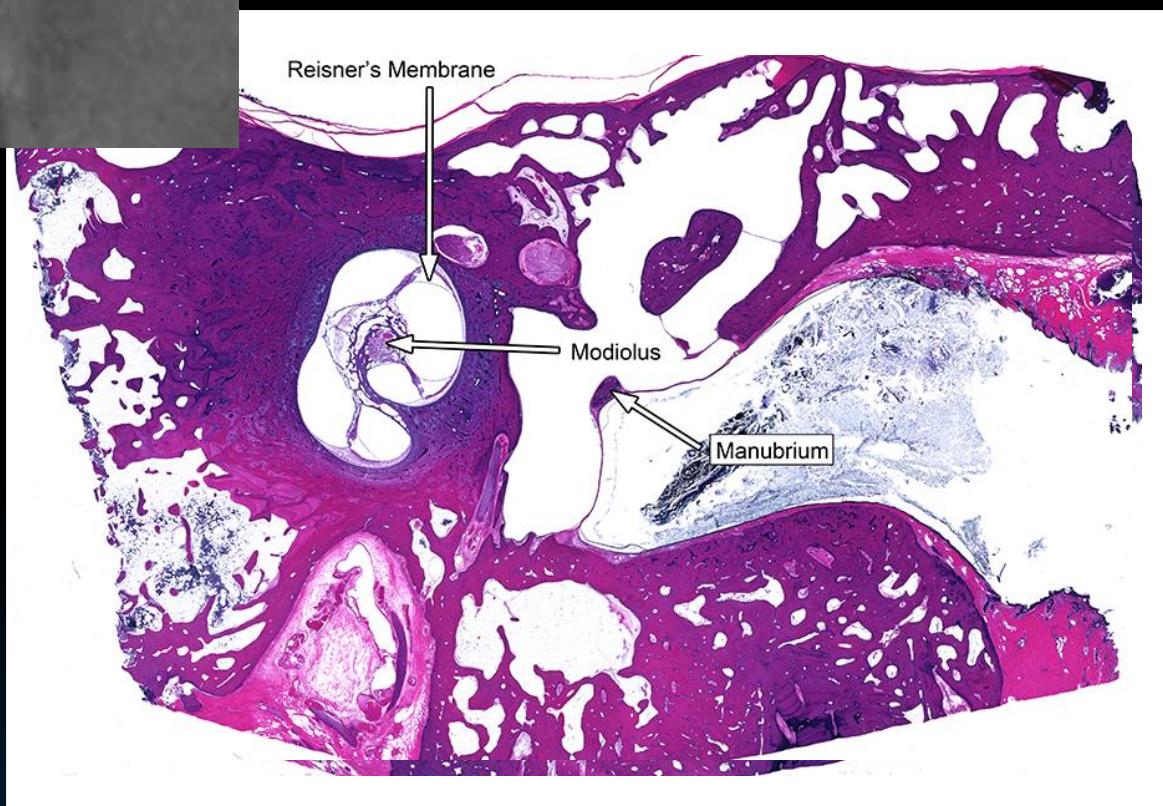
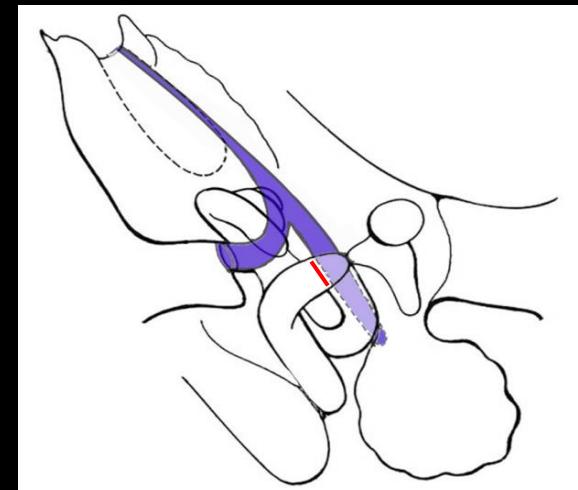
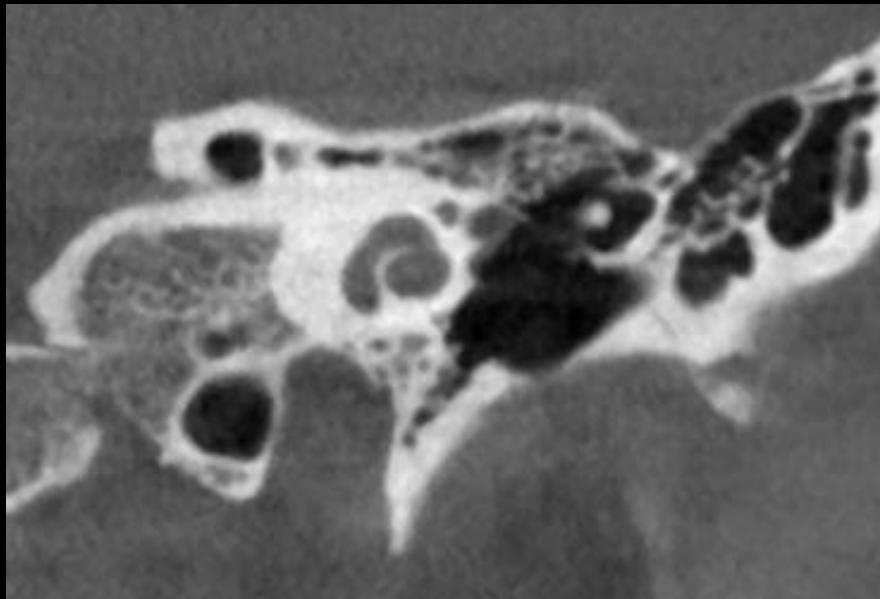
# Coronal CT Histology correlation

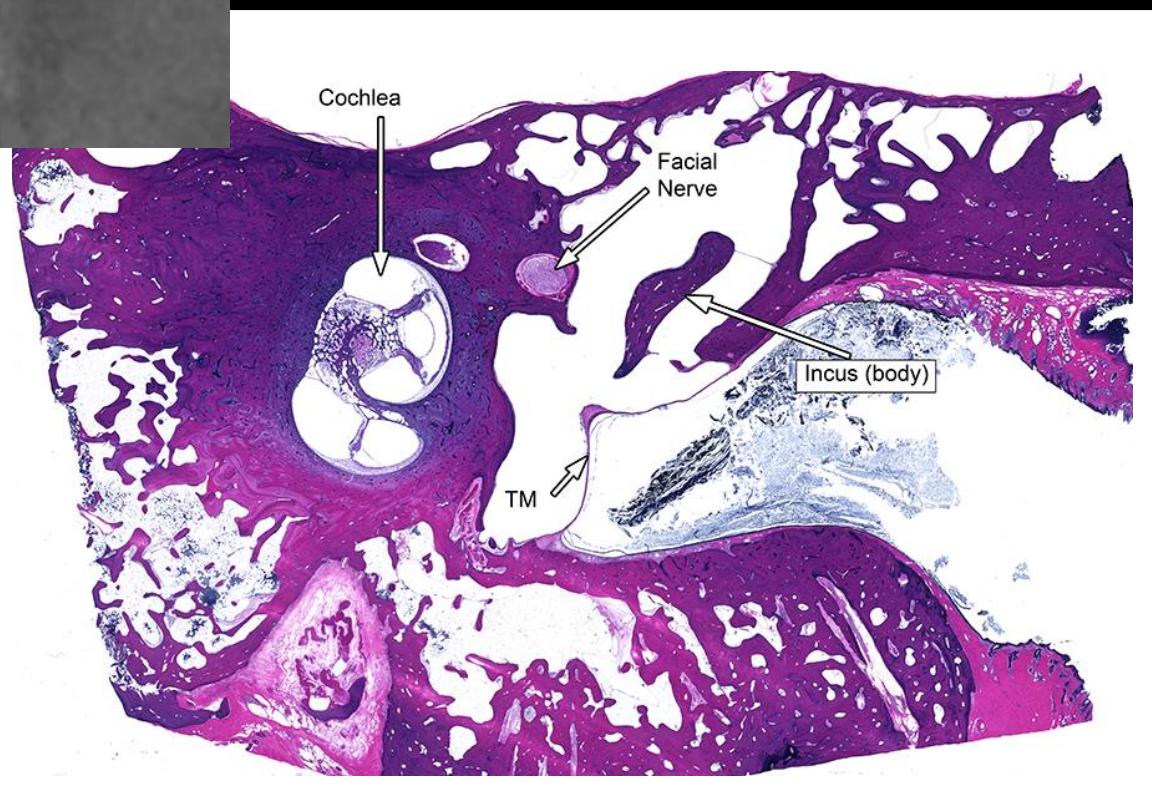
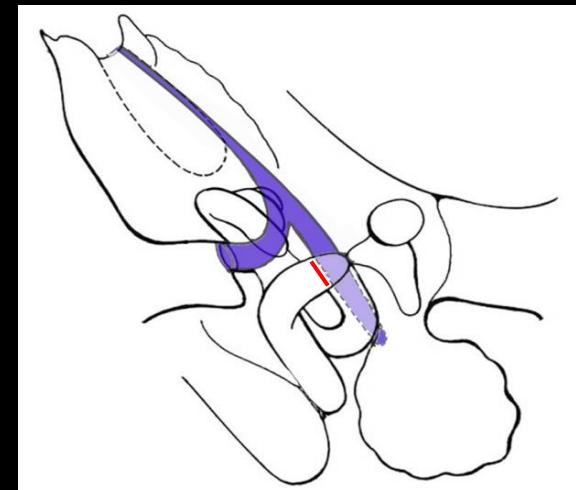
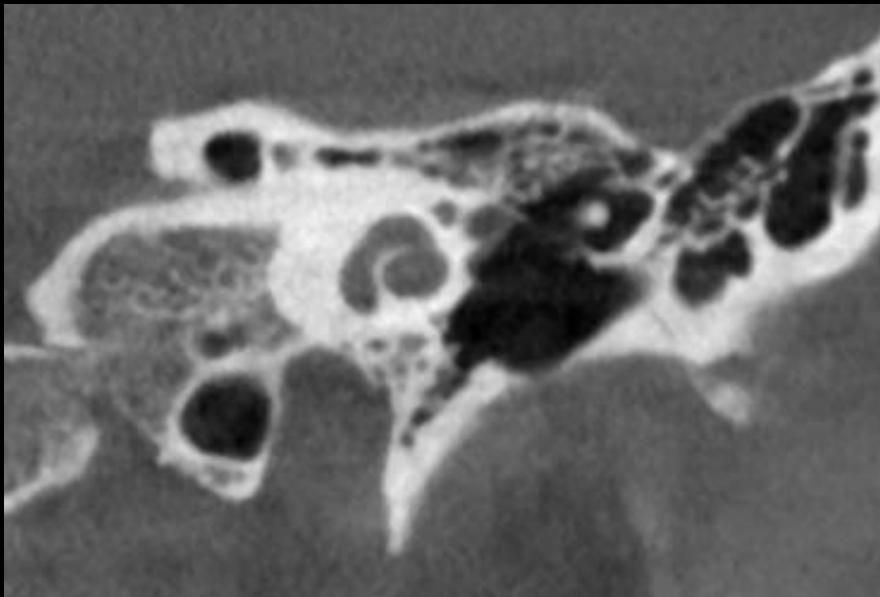


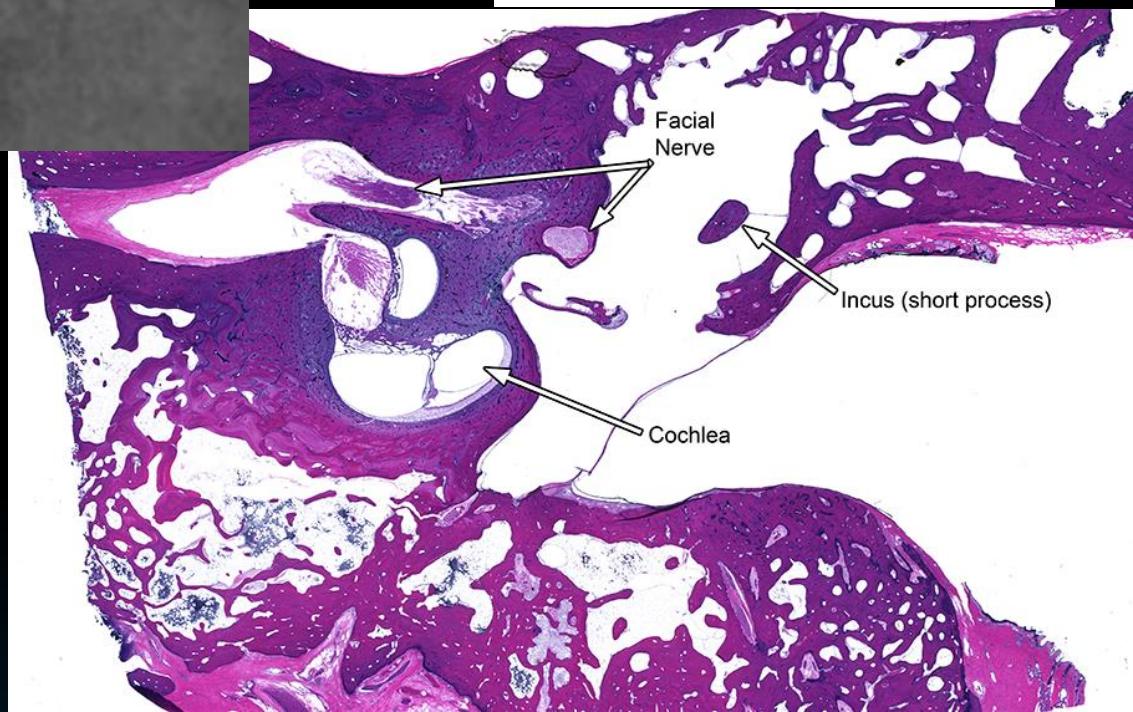
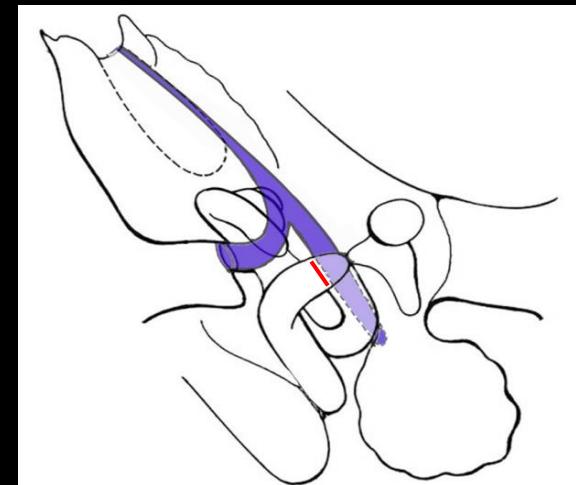
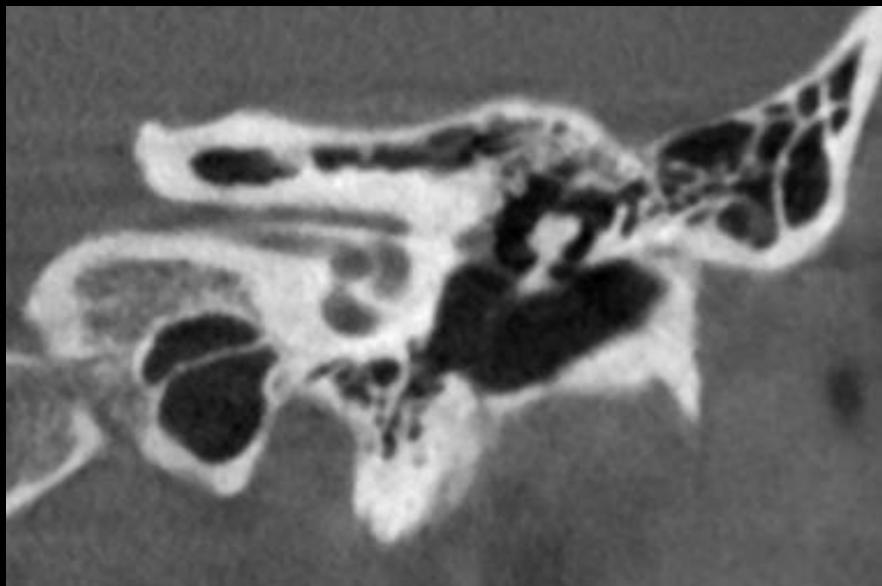


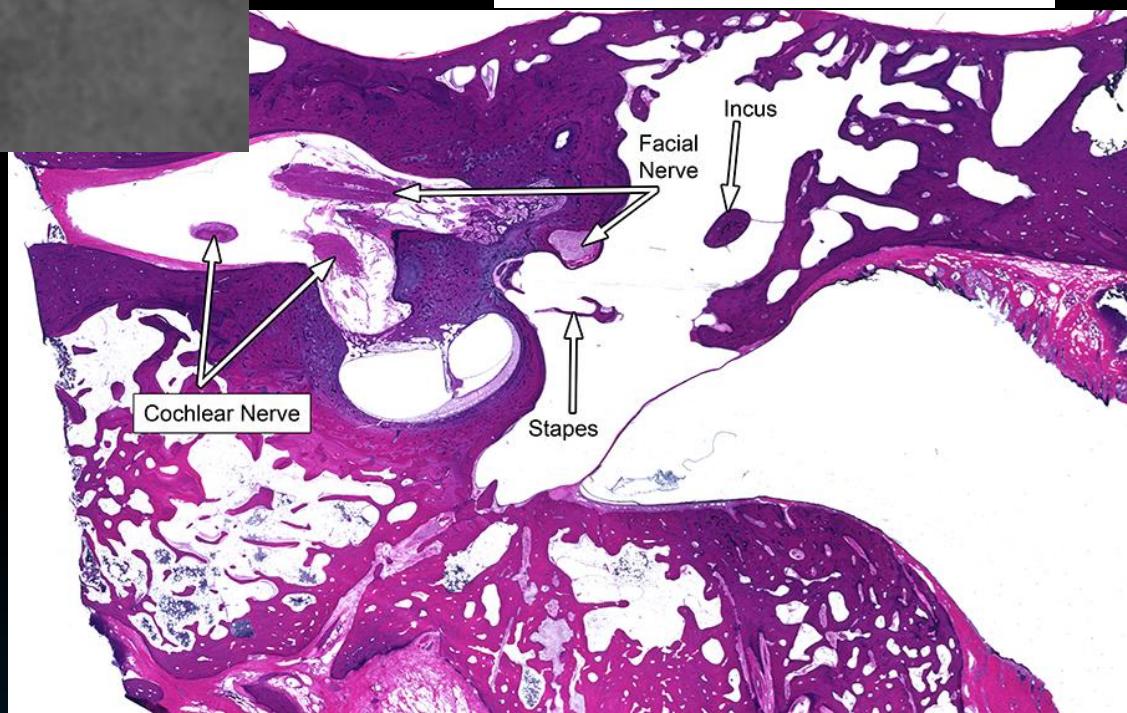
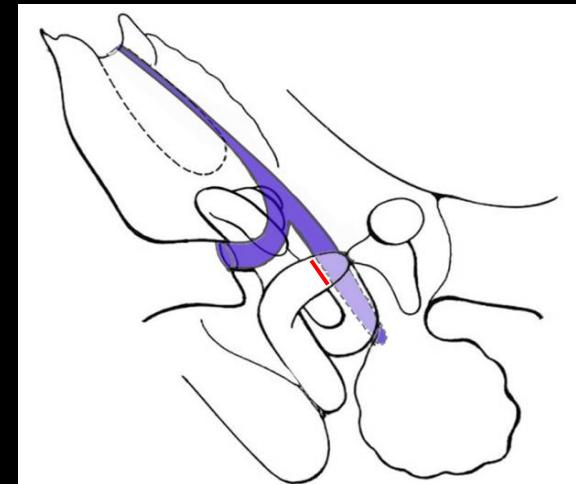
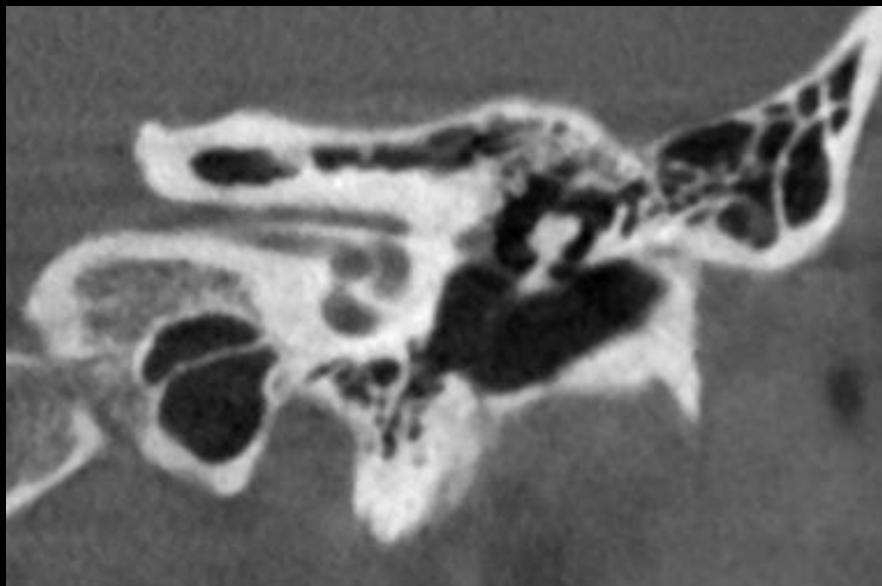


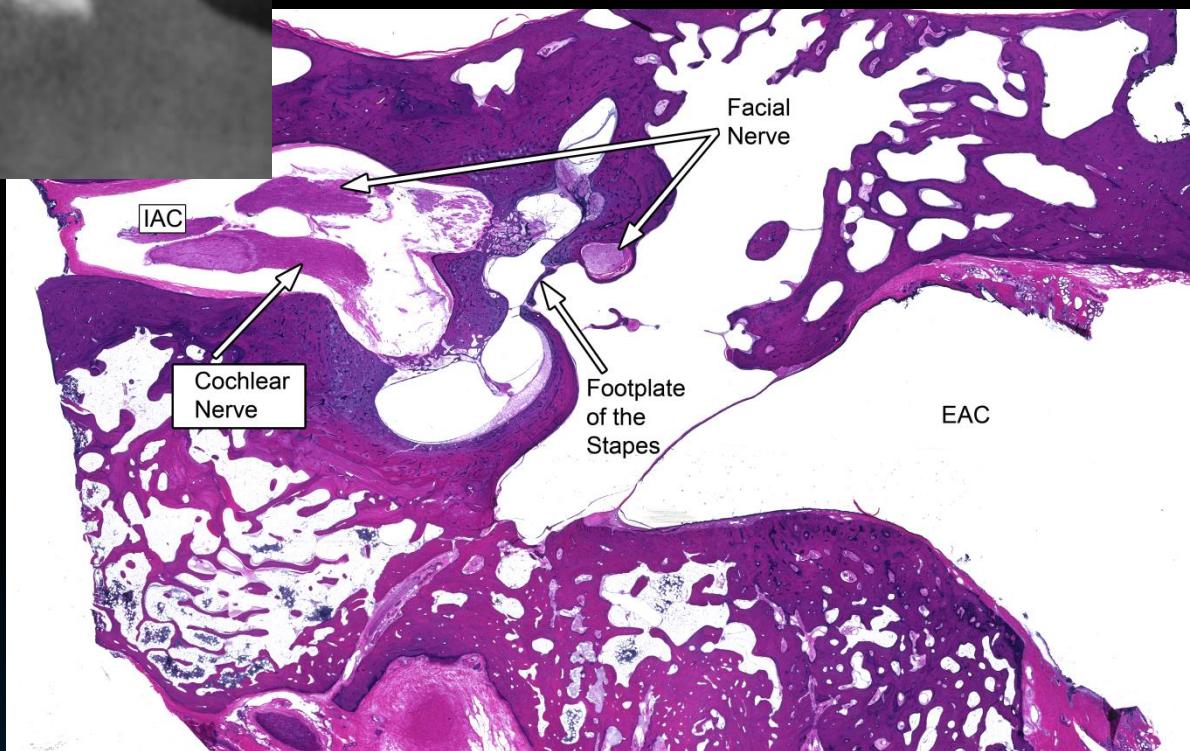
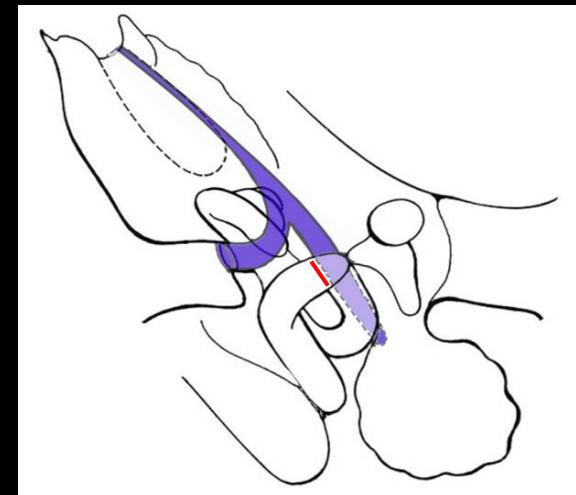
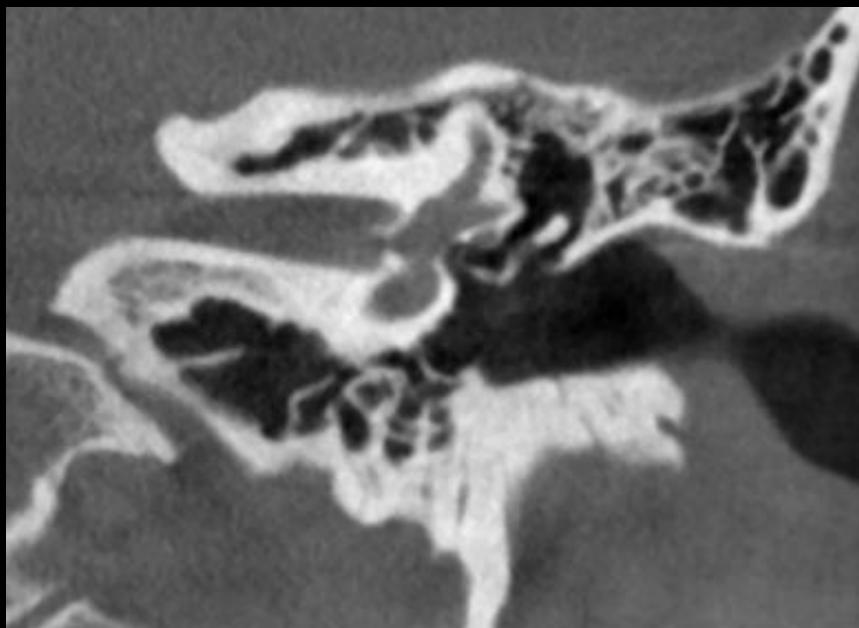


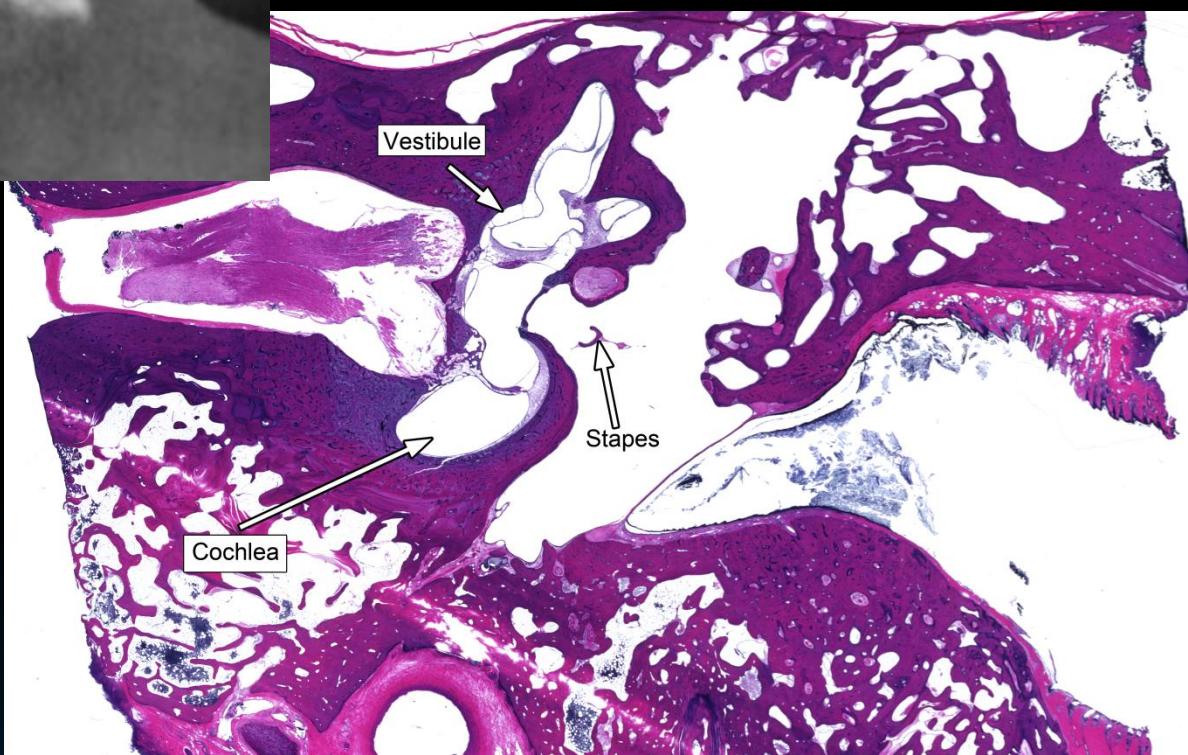
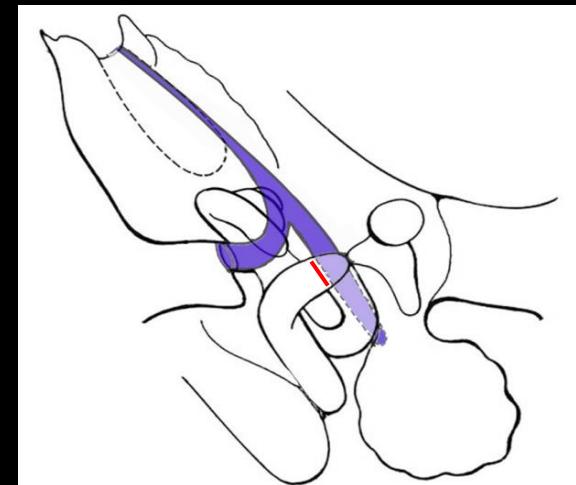
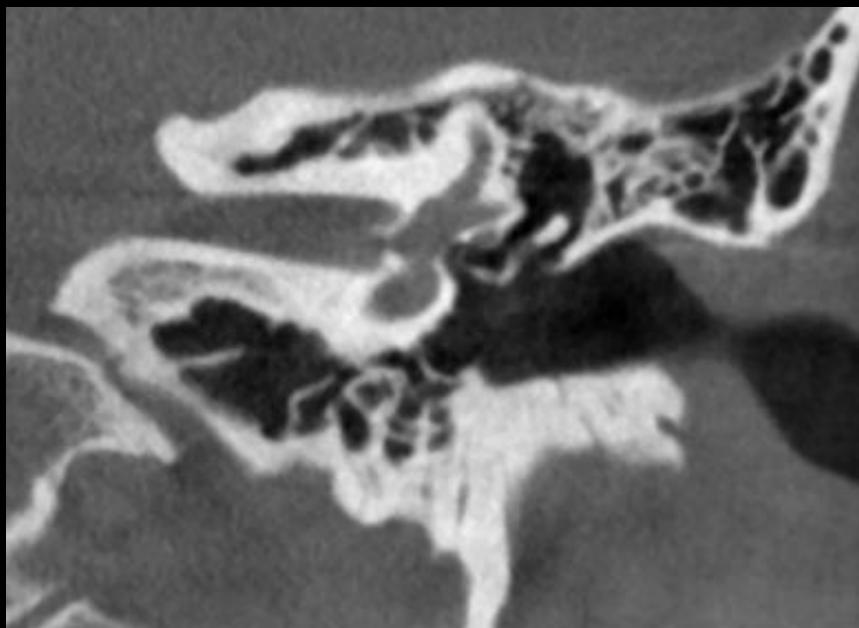


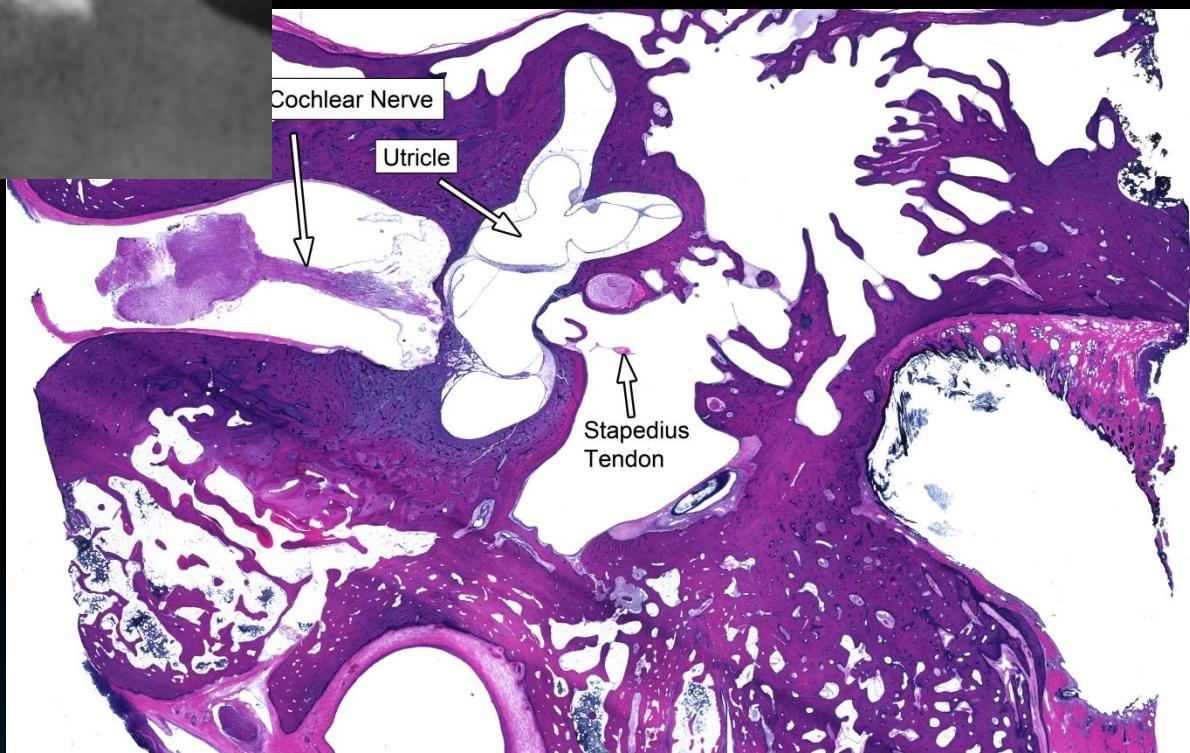
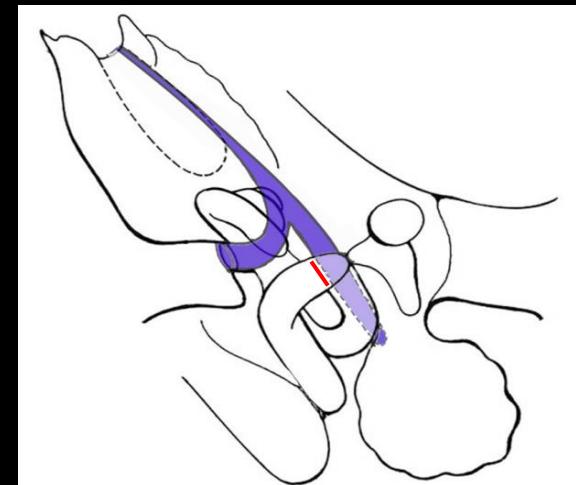
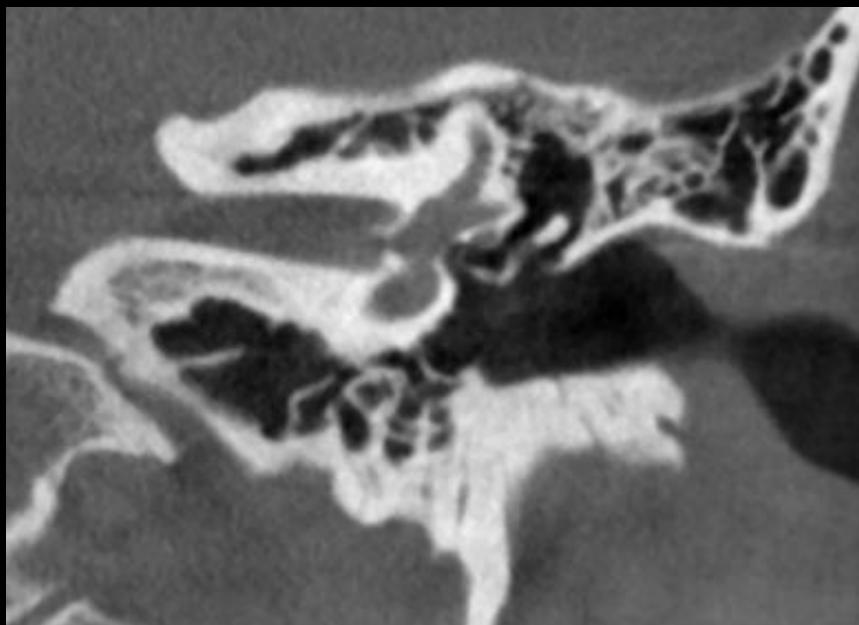


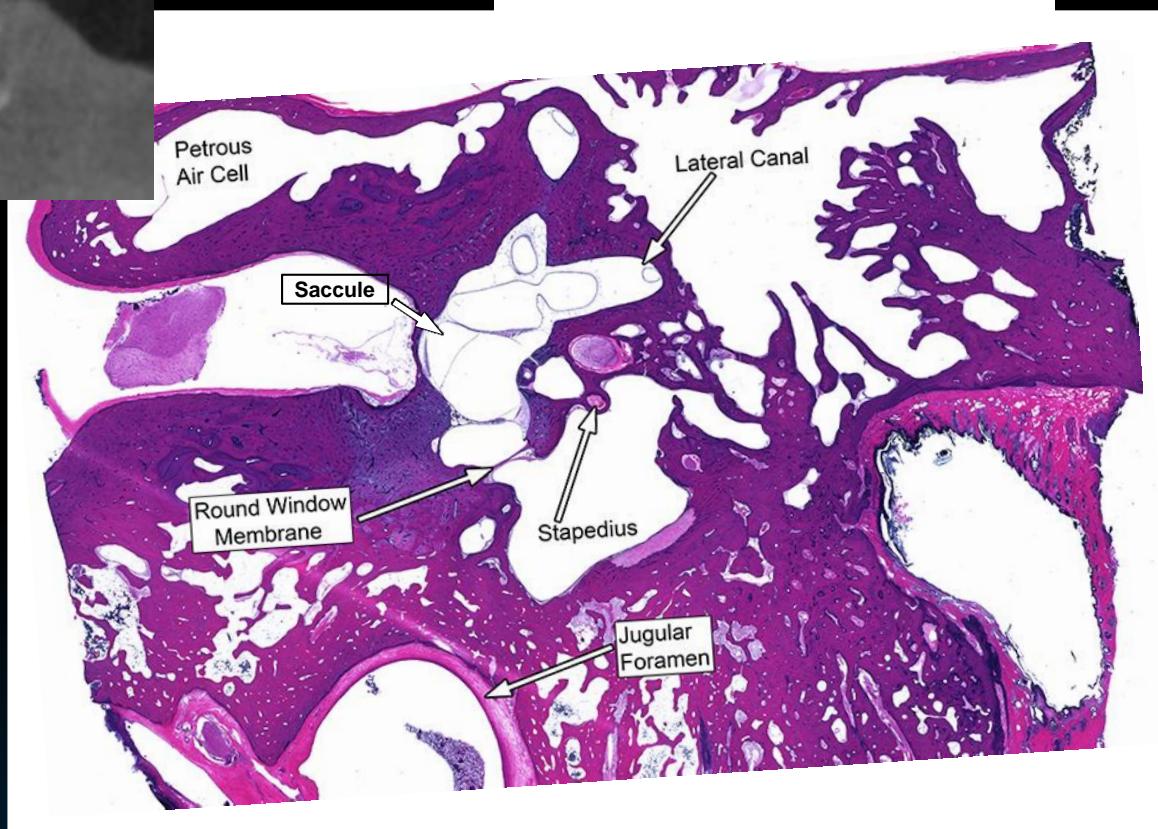
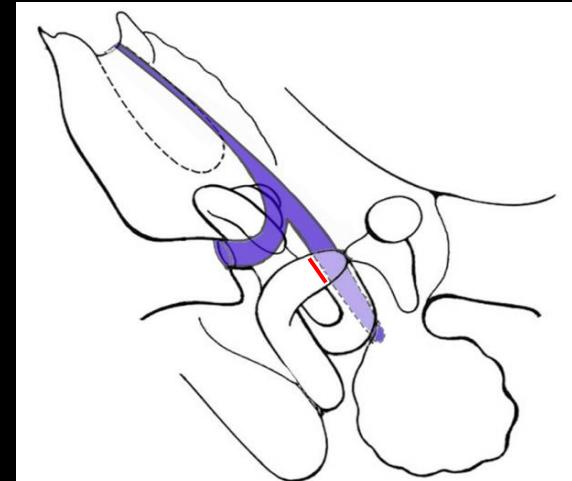
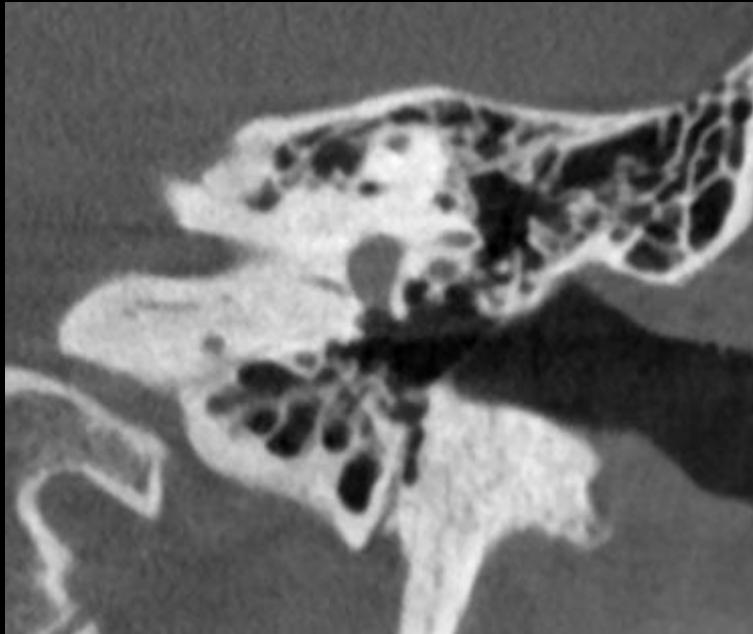


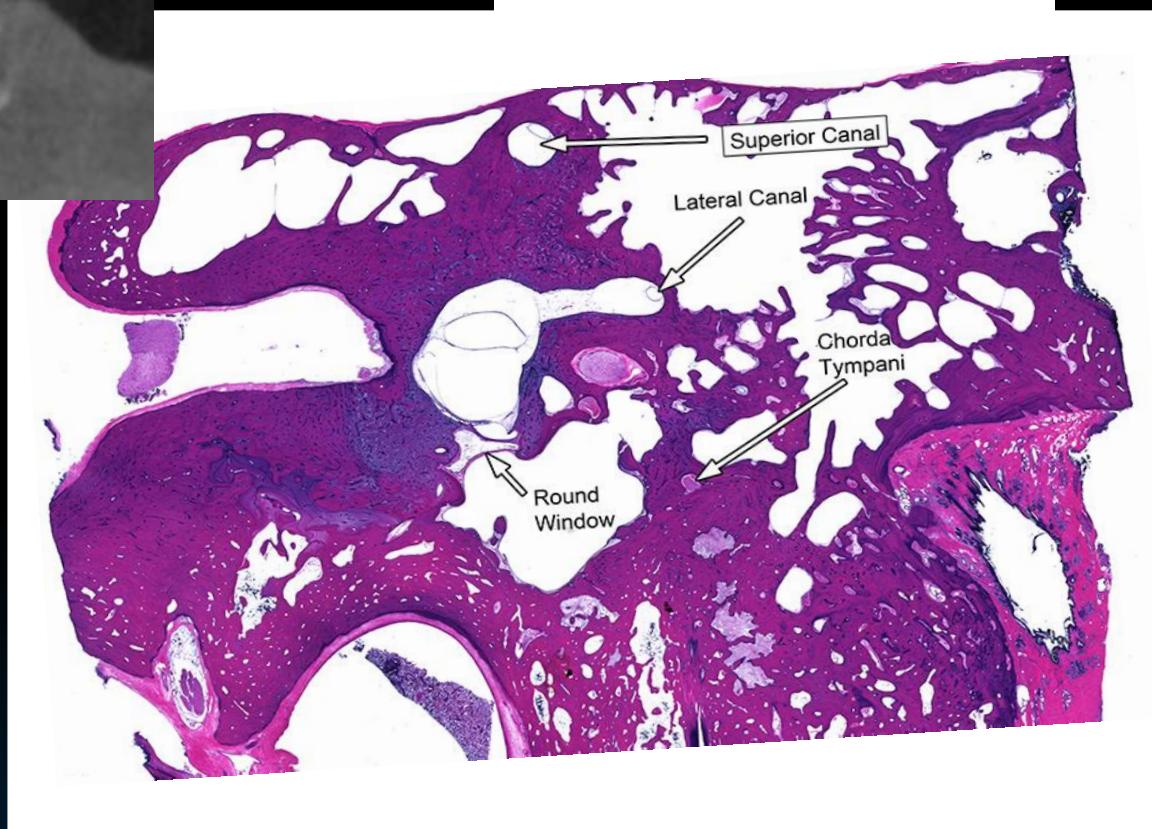
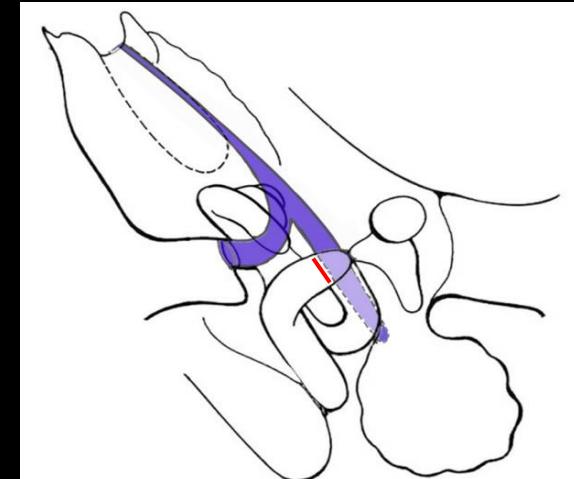
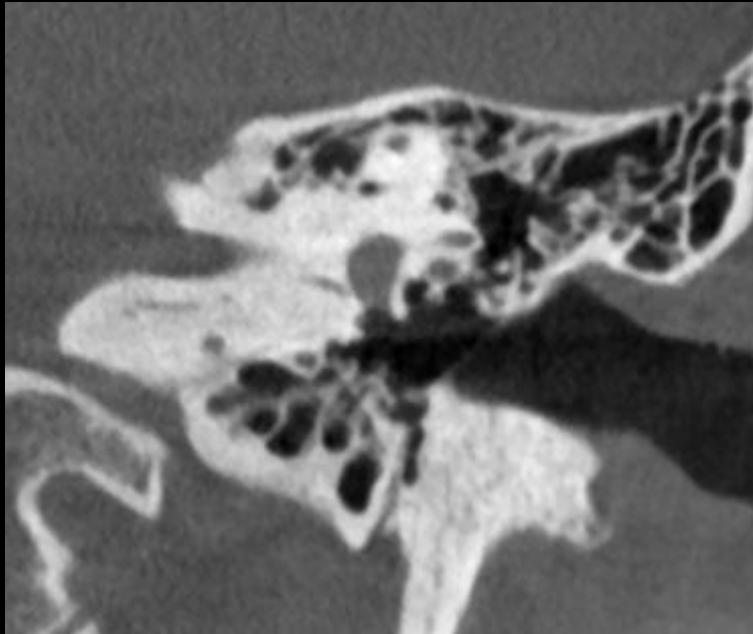


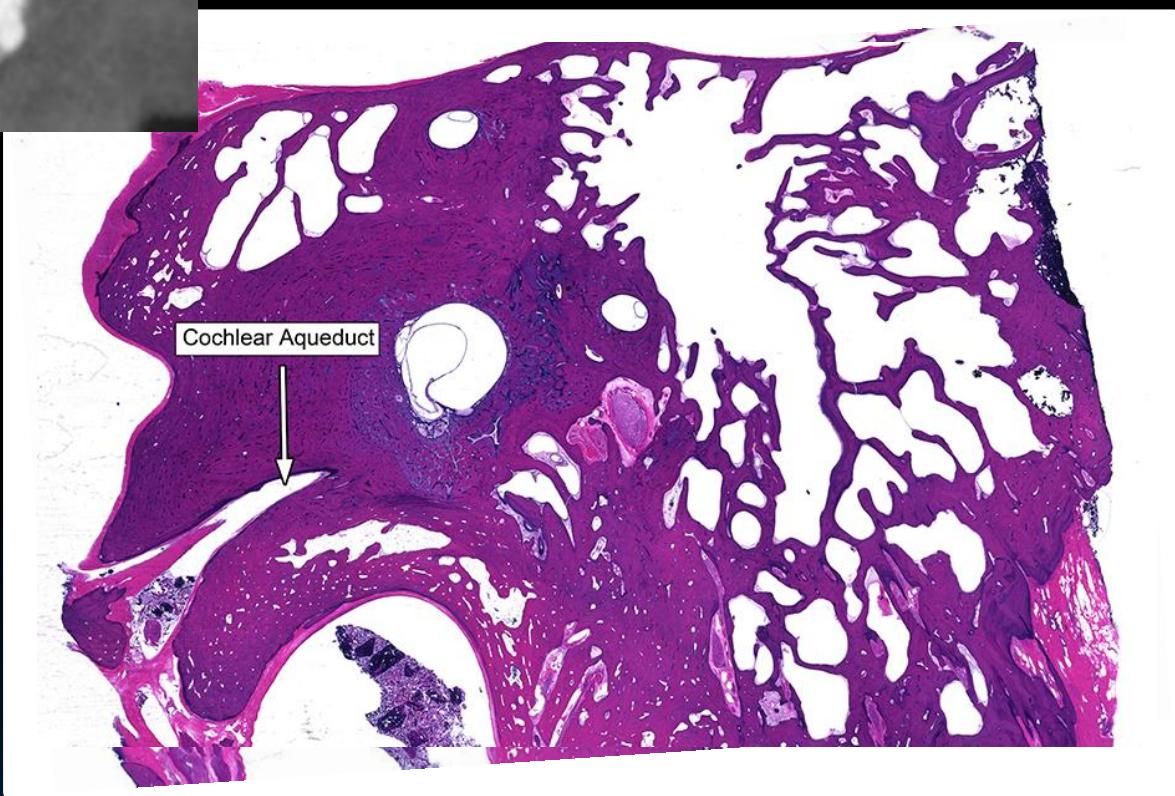
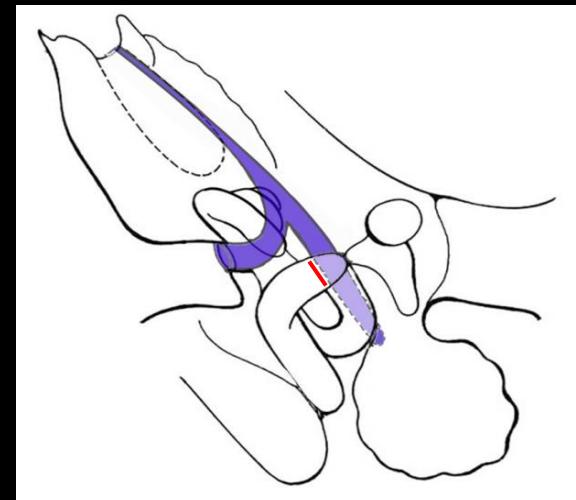
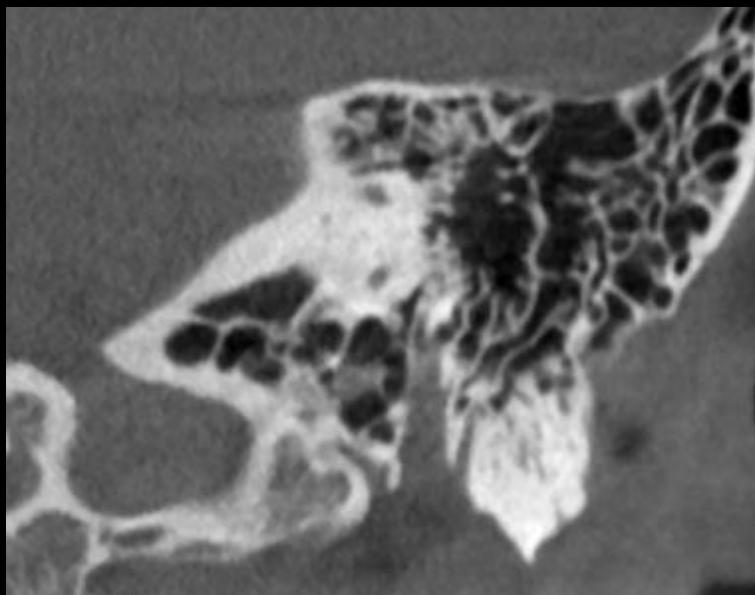


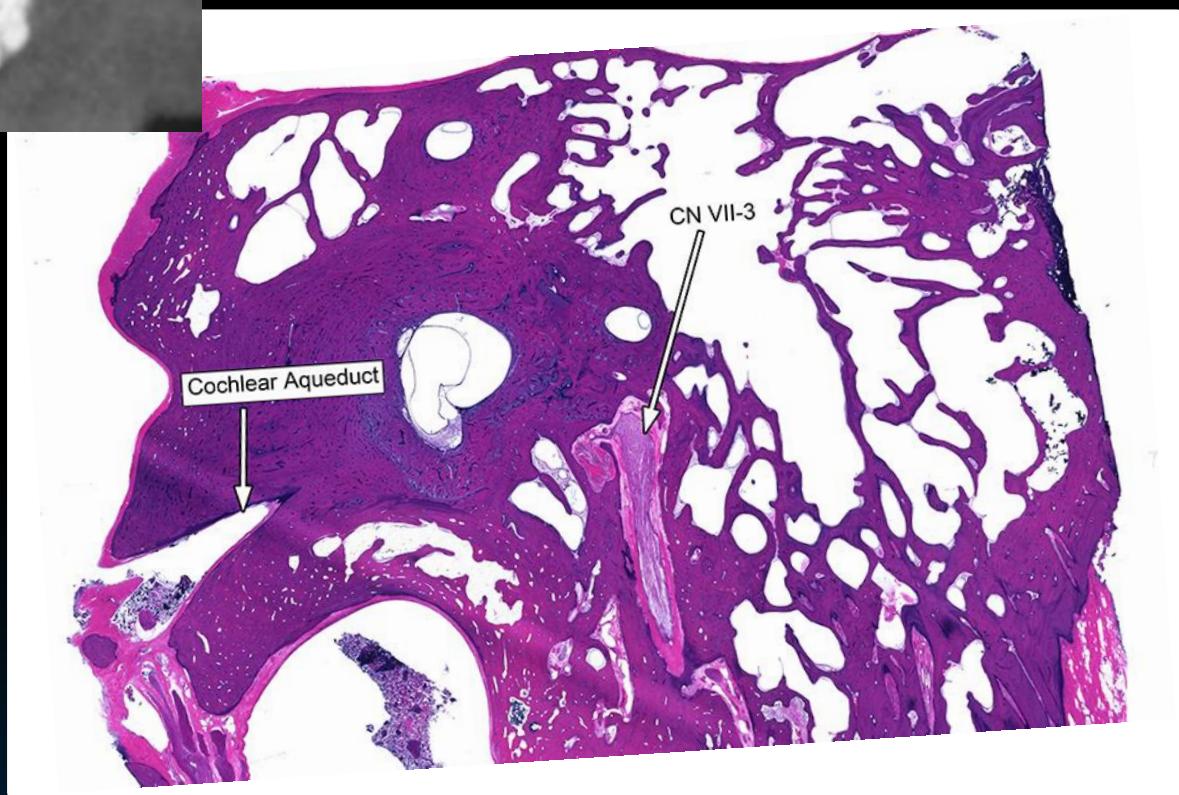
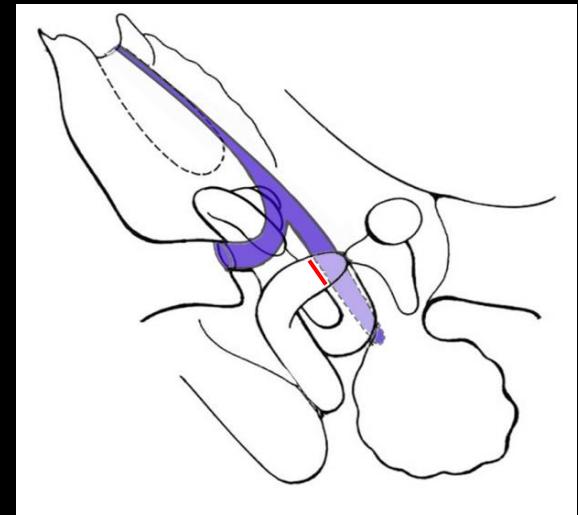
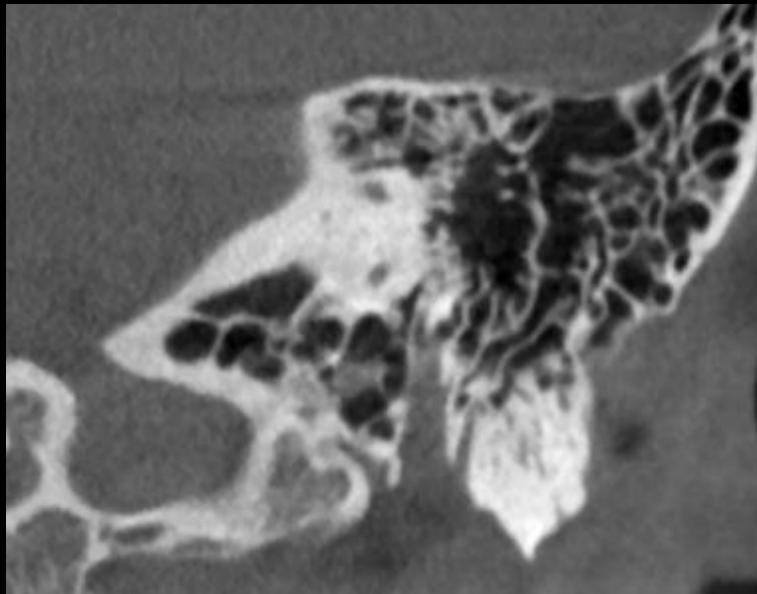


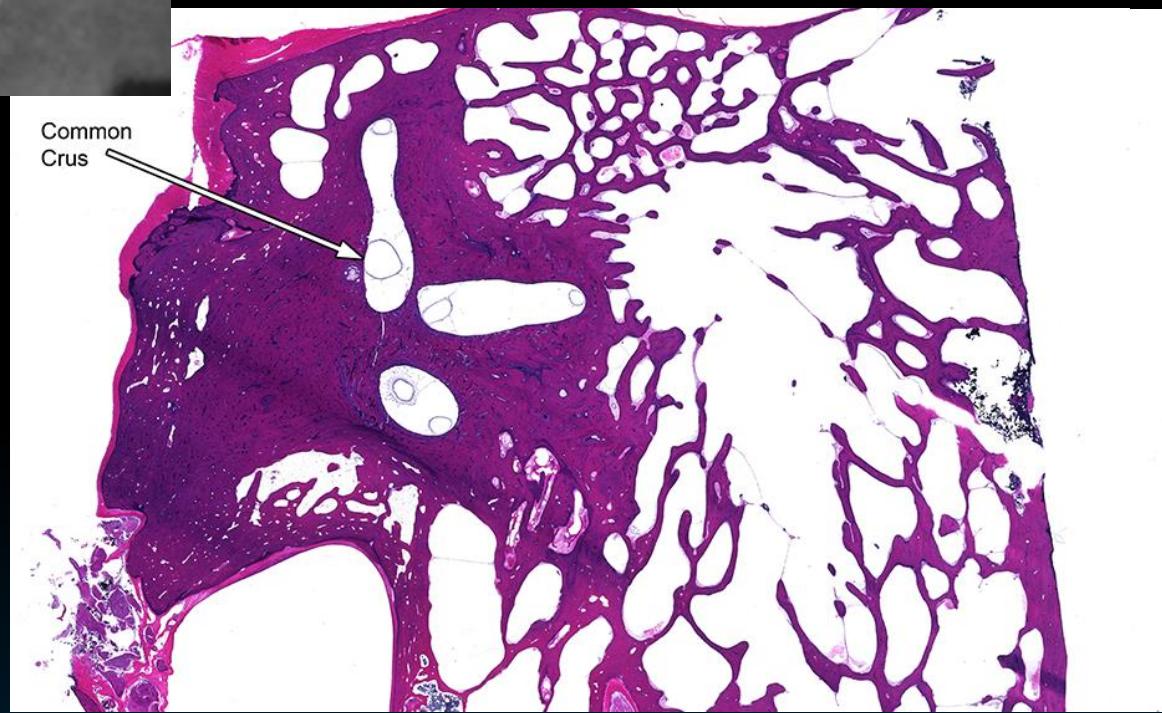
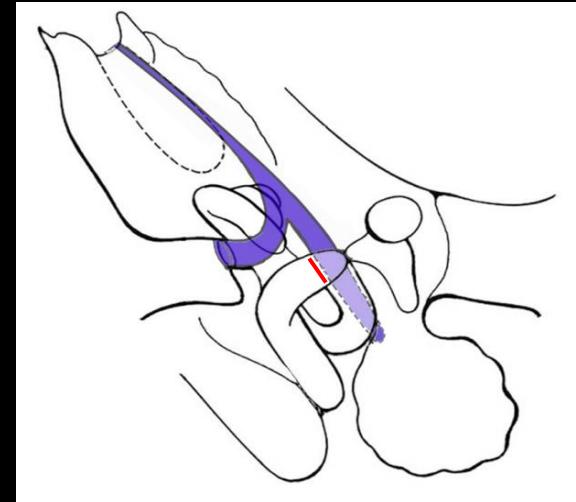
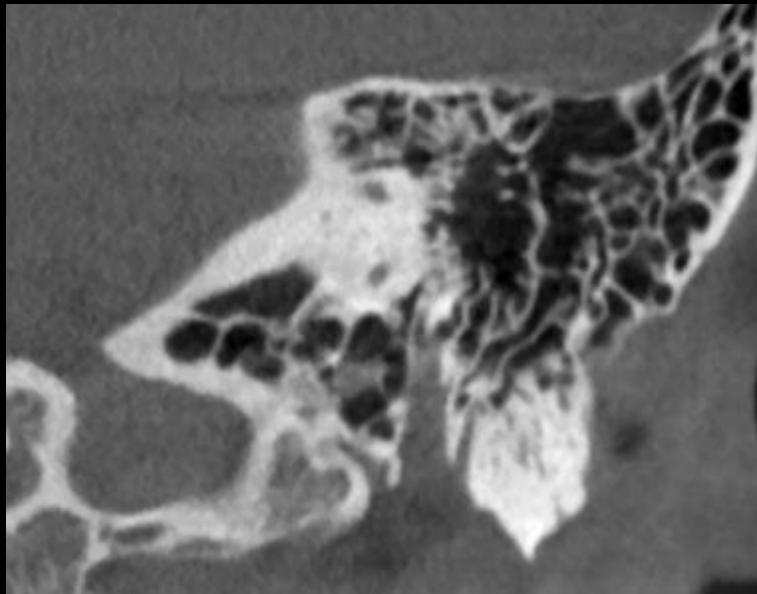


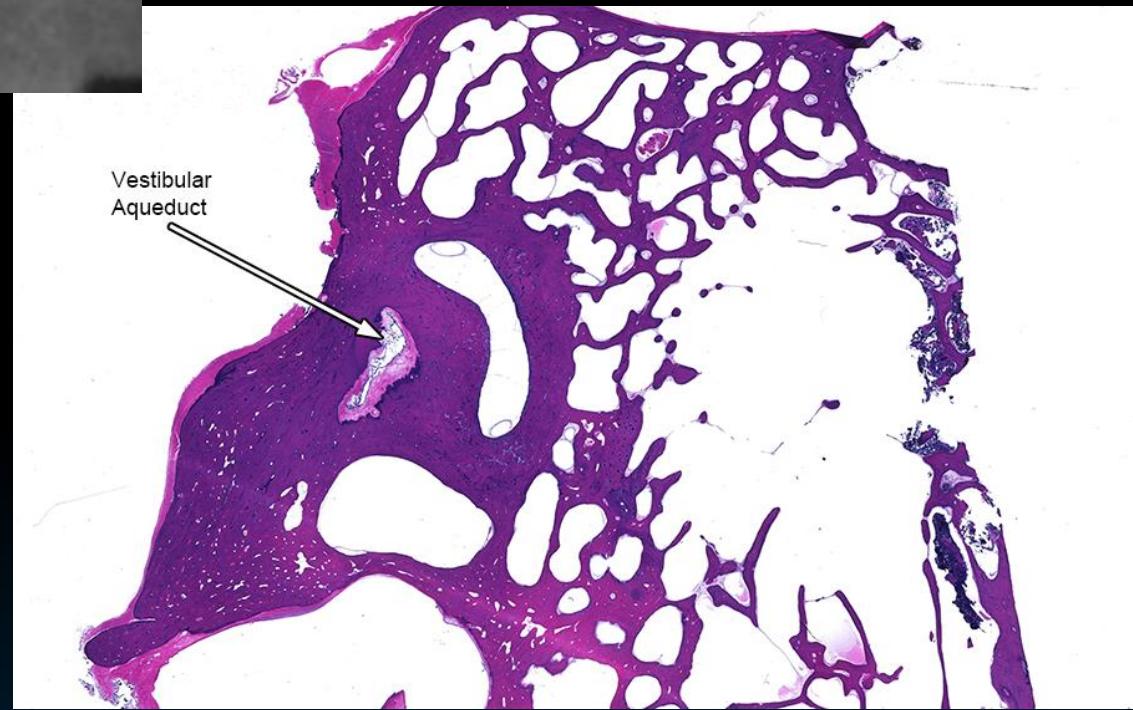
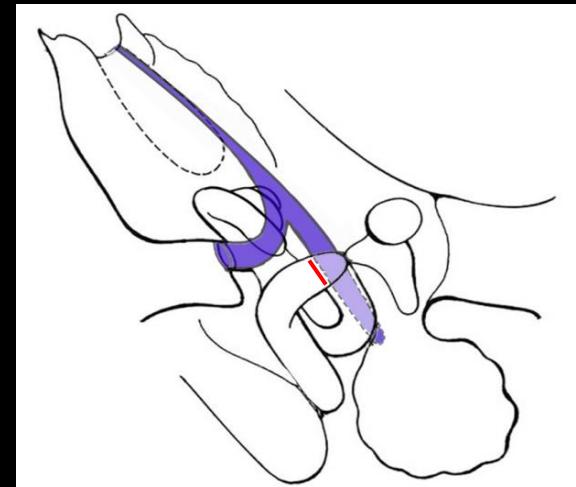
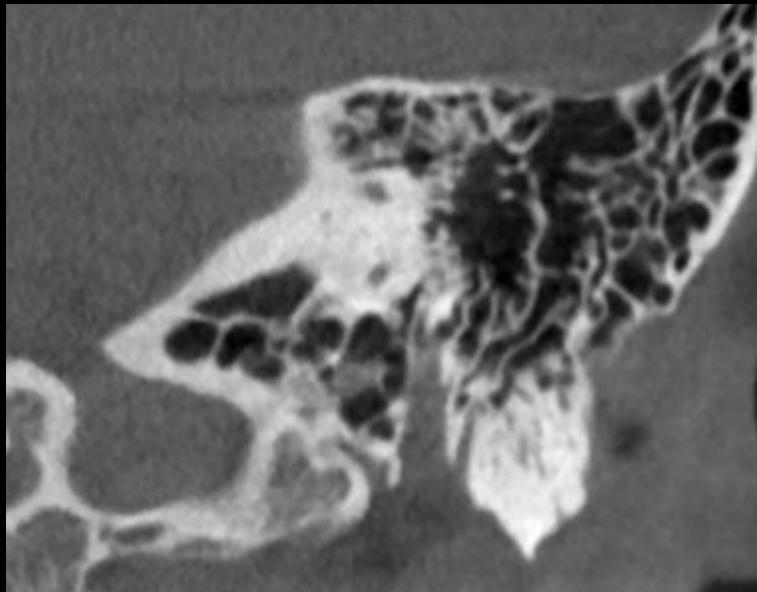












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