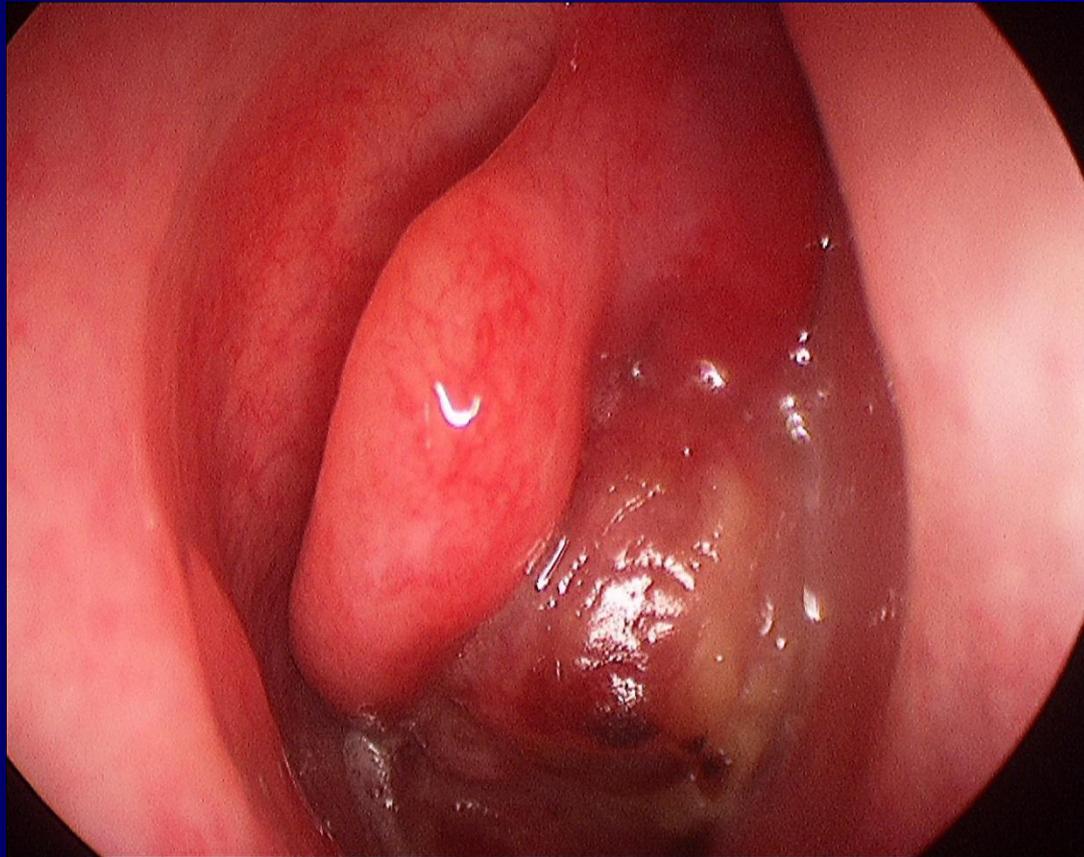


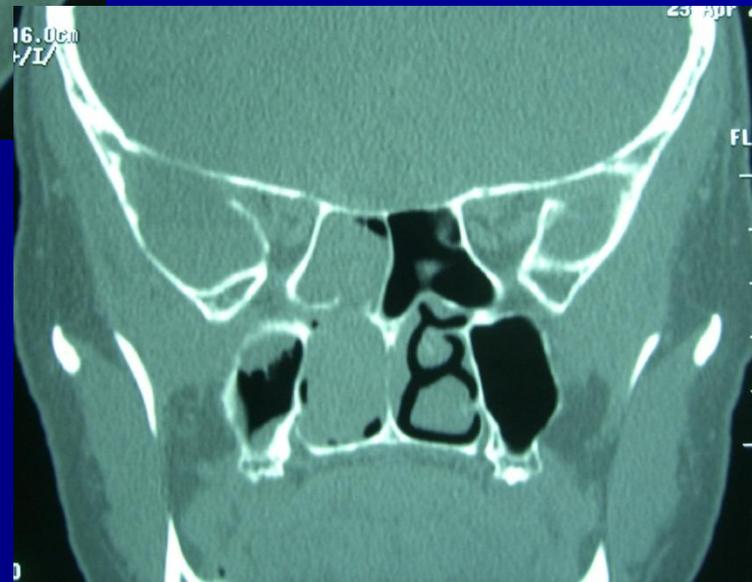
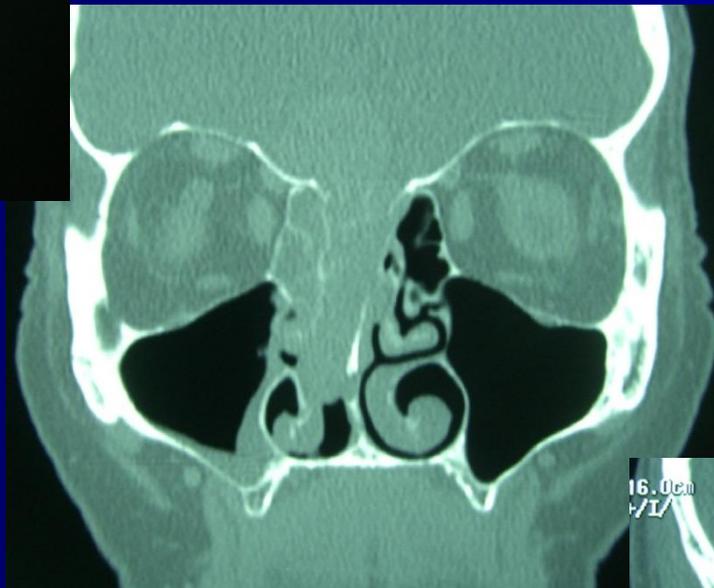
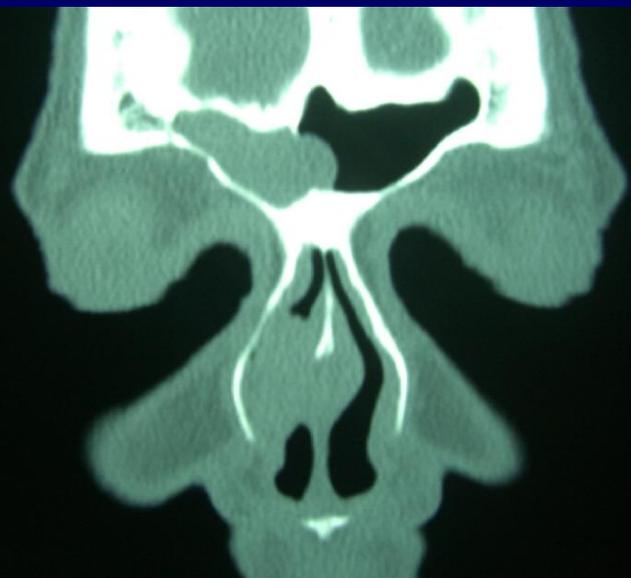
# **Path and Radiology Quiz ASOHNS Registrar Conference 2013**

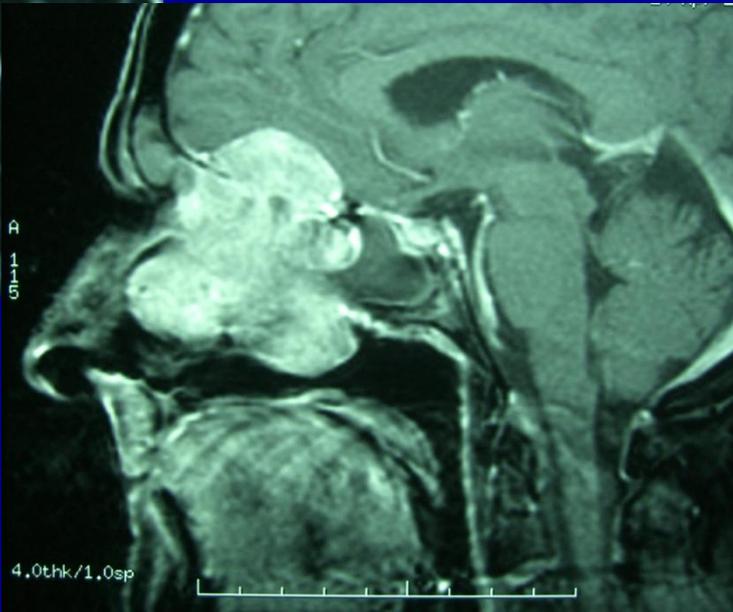
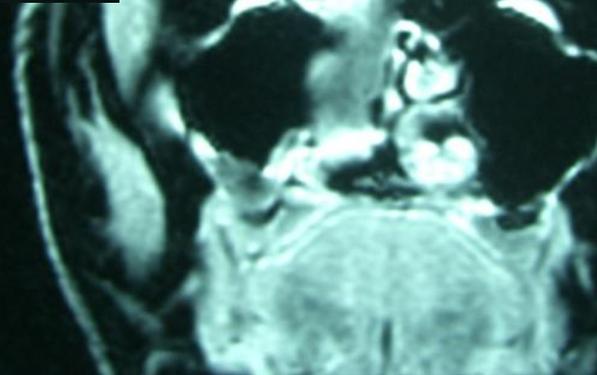
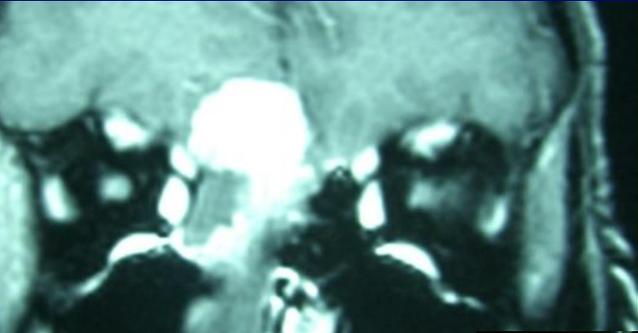
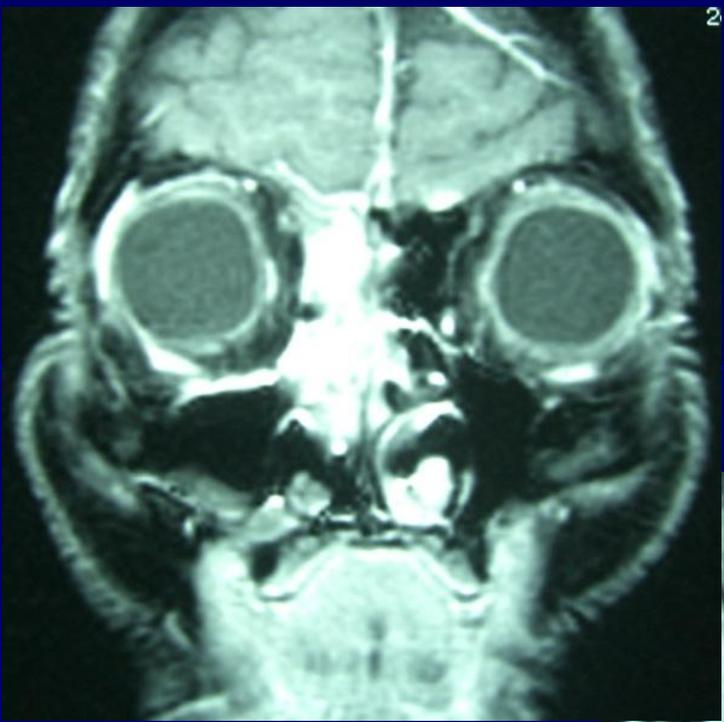
Dr Sean Flanagan

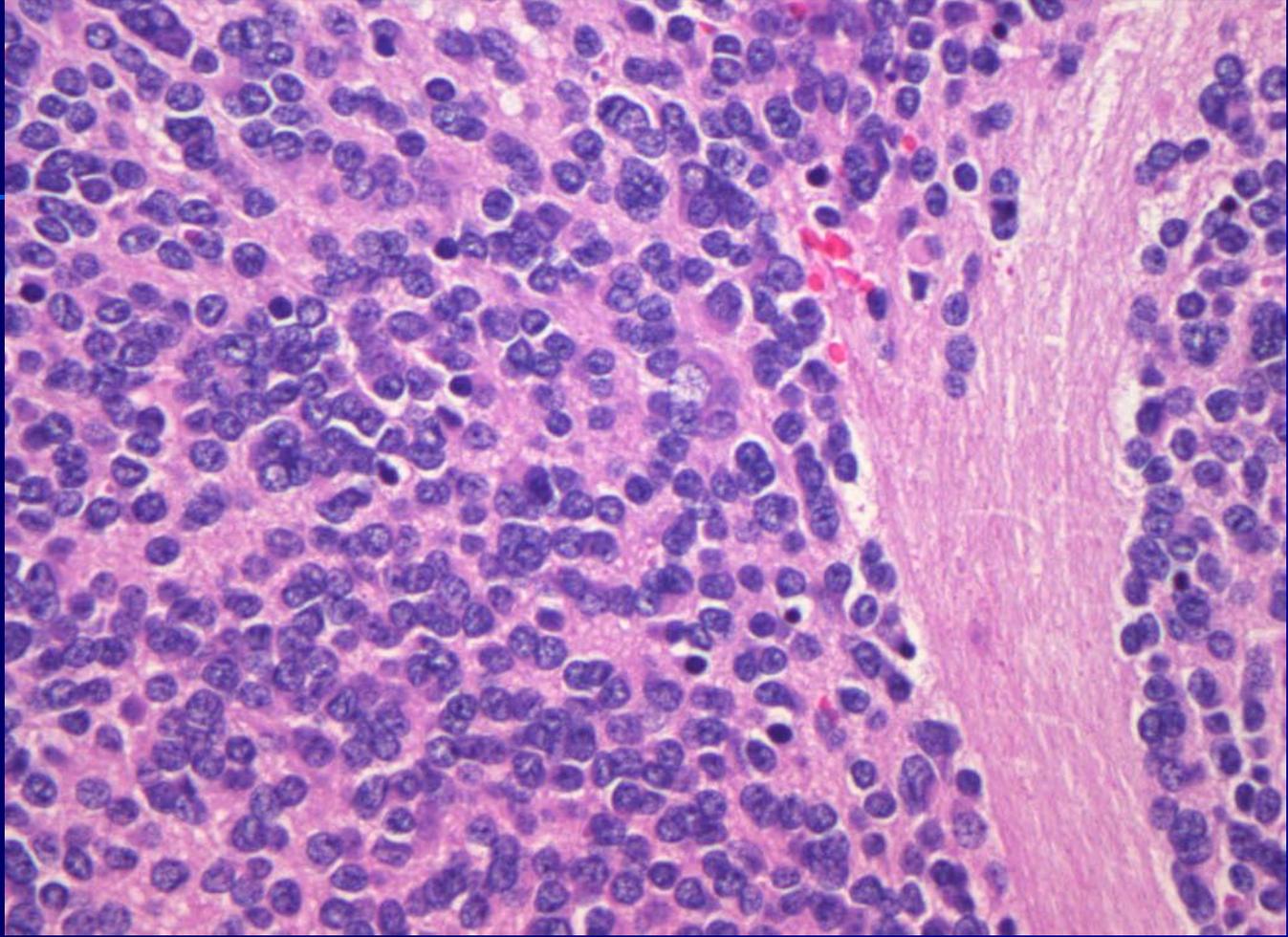
With thanks to Dr Hubert Low

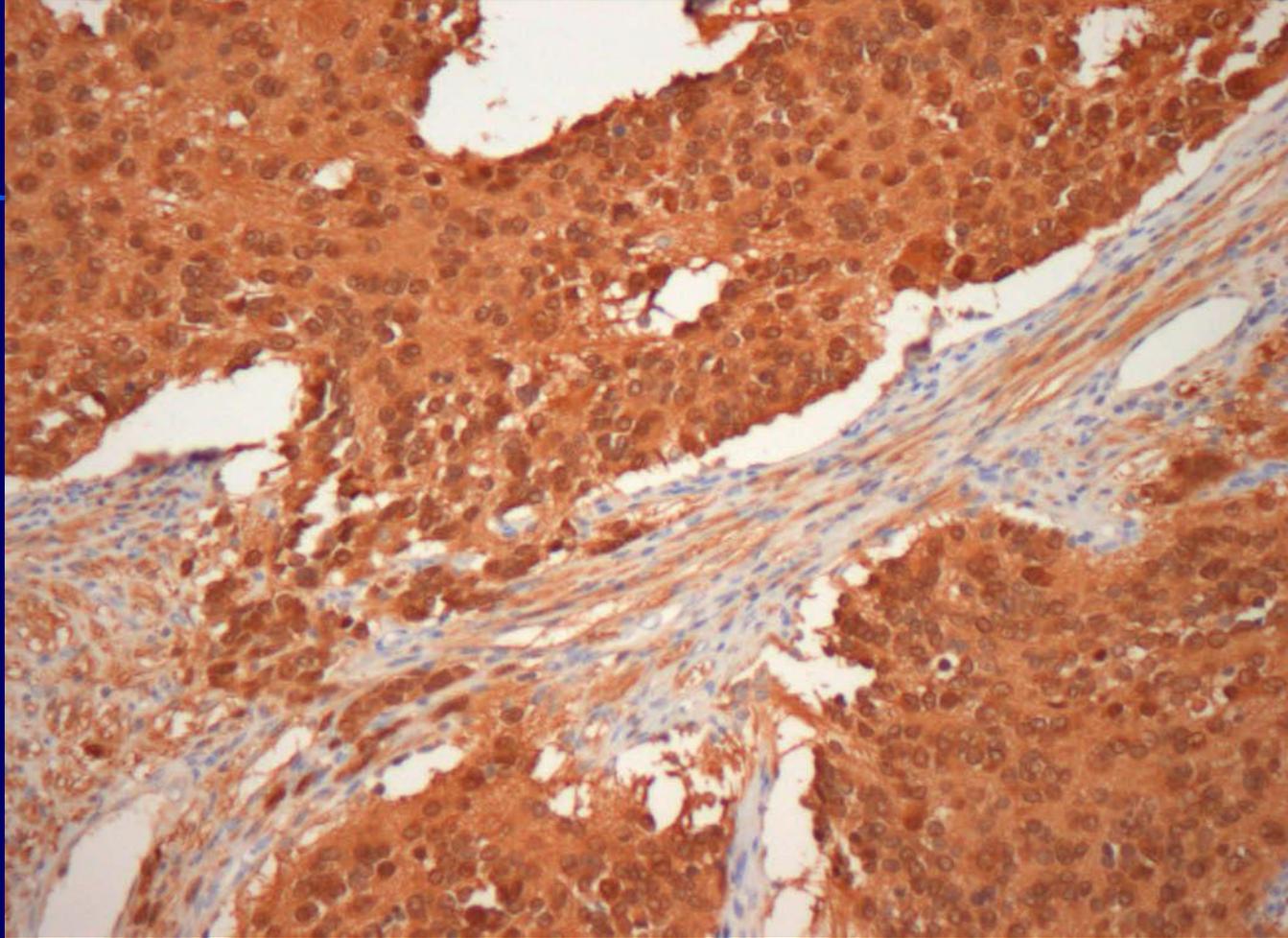
# Case 1









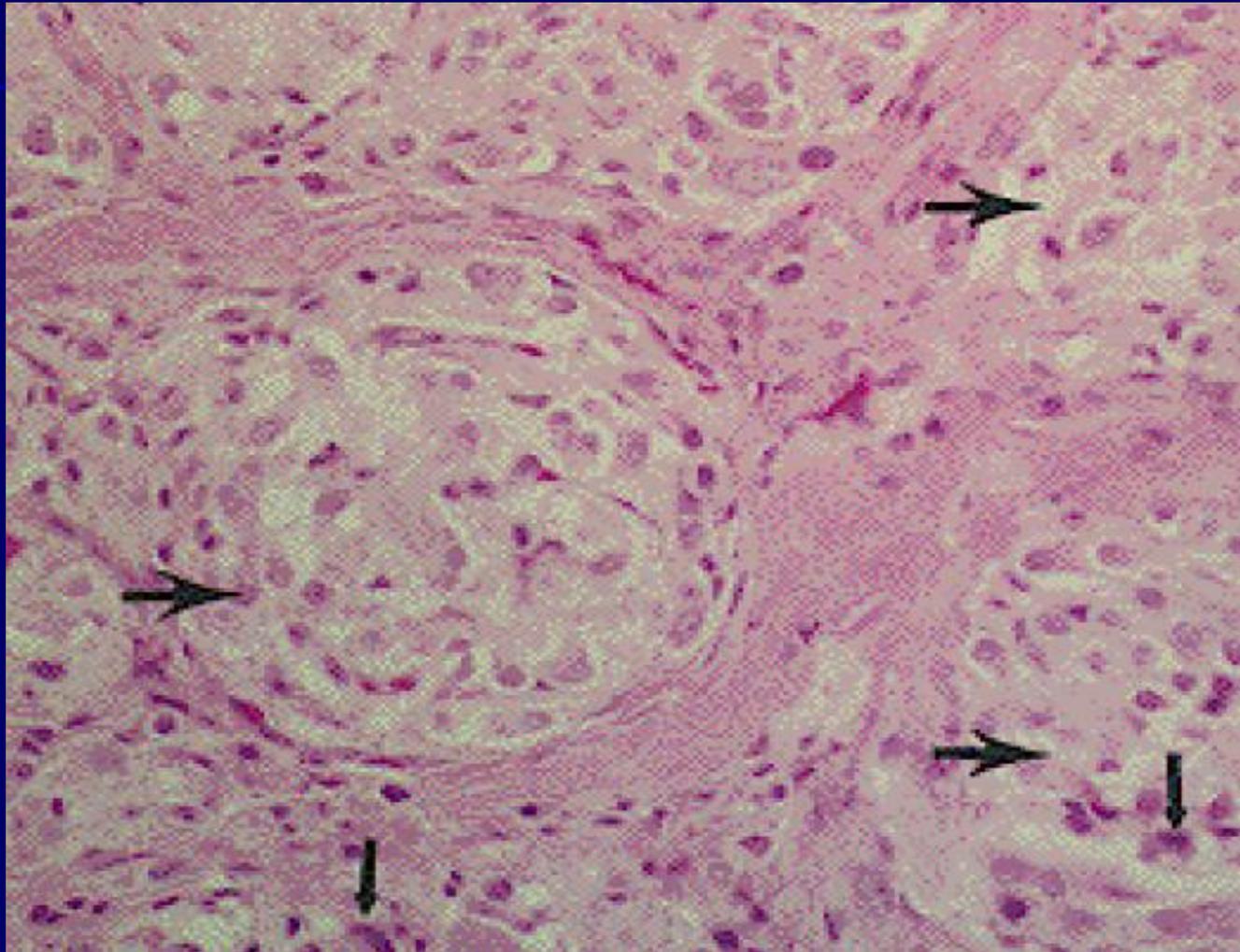


# Case 2

- 39 yo gentleman  
c/o pulsatile  
tinnitus and  
conductive hearing  
loss
- Describe the  
findings
- What are the  
differential  
diagnosis



# Case 2



# Case 2

- Explain the genetic basis of this disease

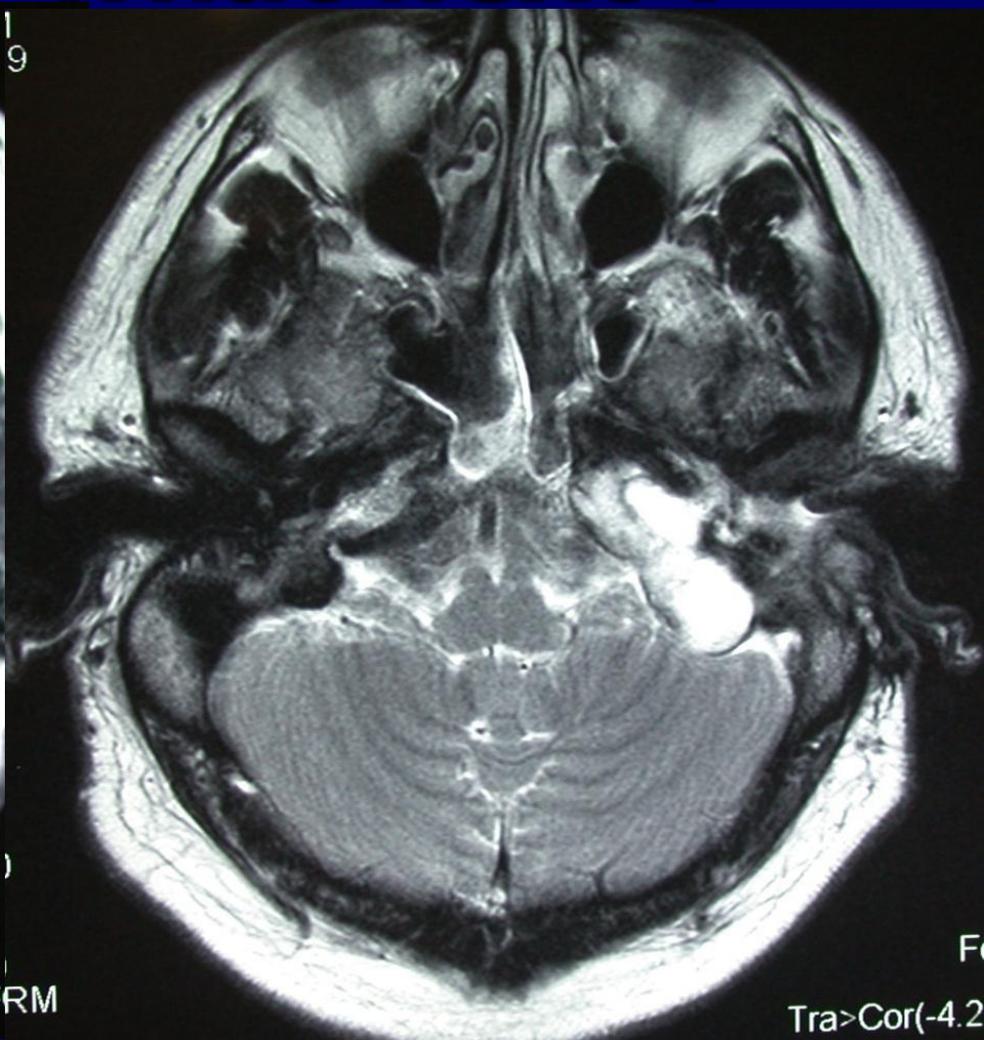
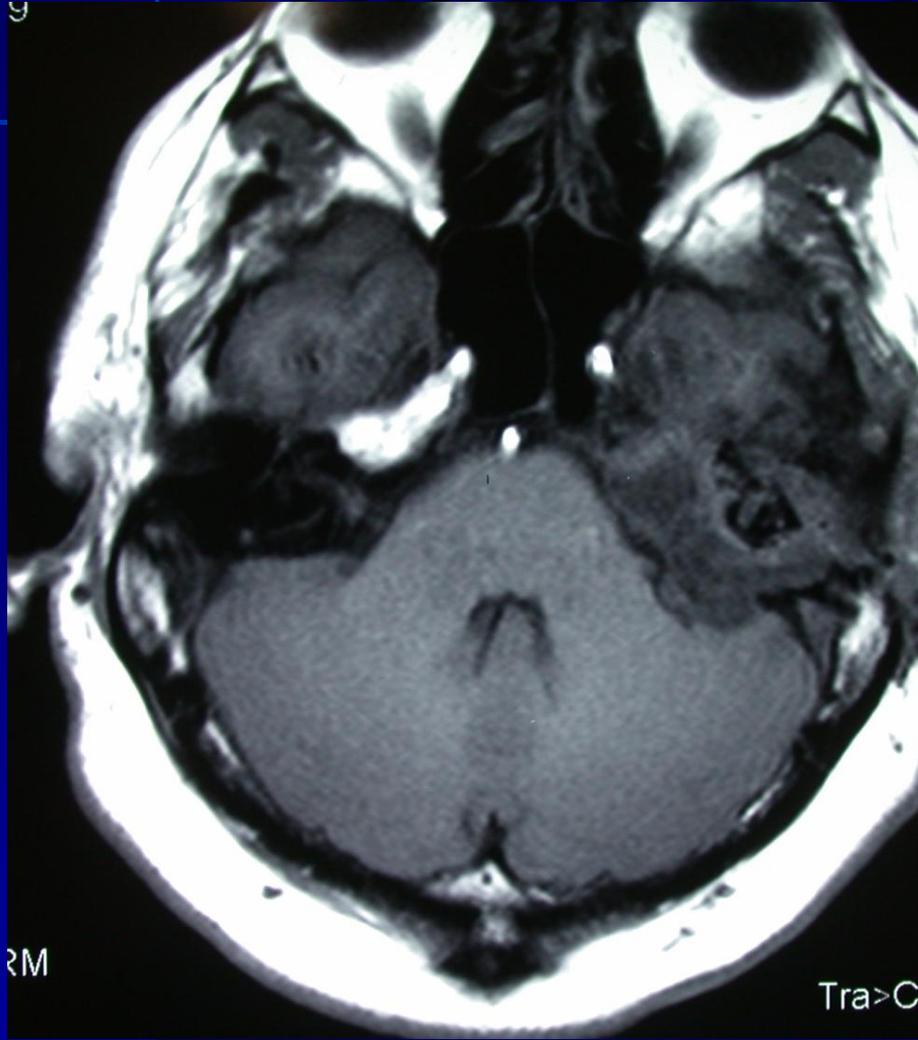
# Case 3

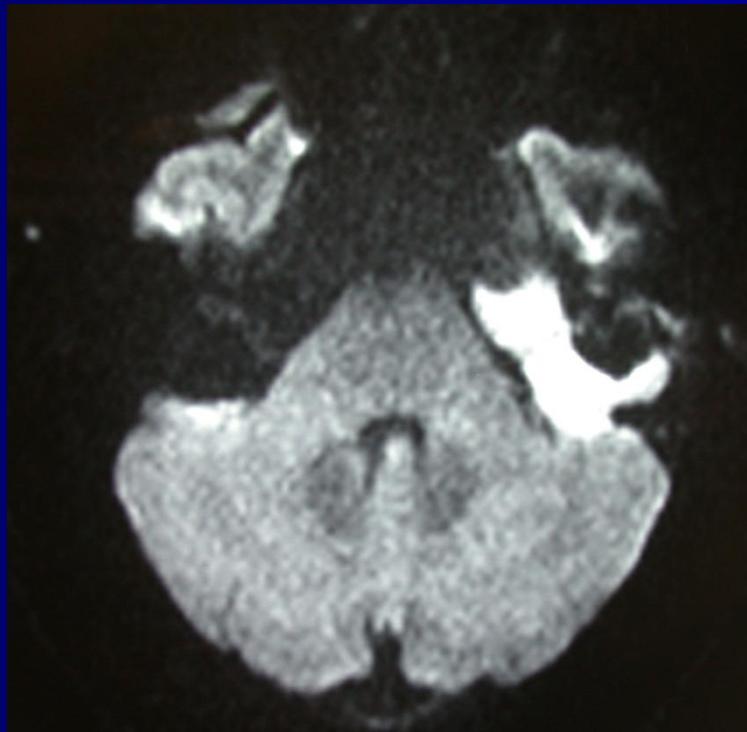
Previous intact canal wall  
mastoidectomy

Describe Scan: then what



# What is DD: what next ?



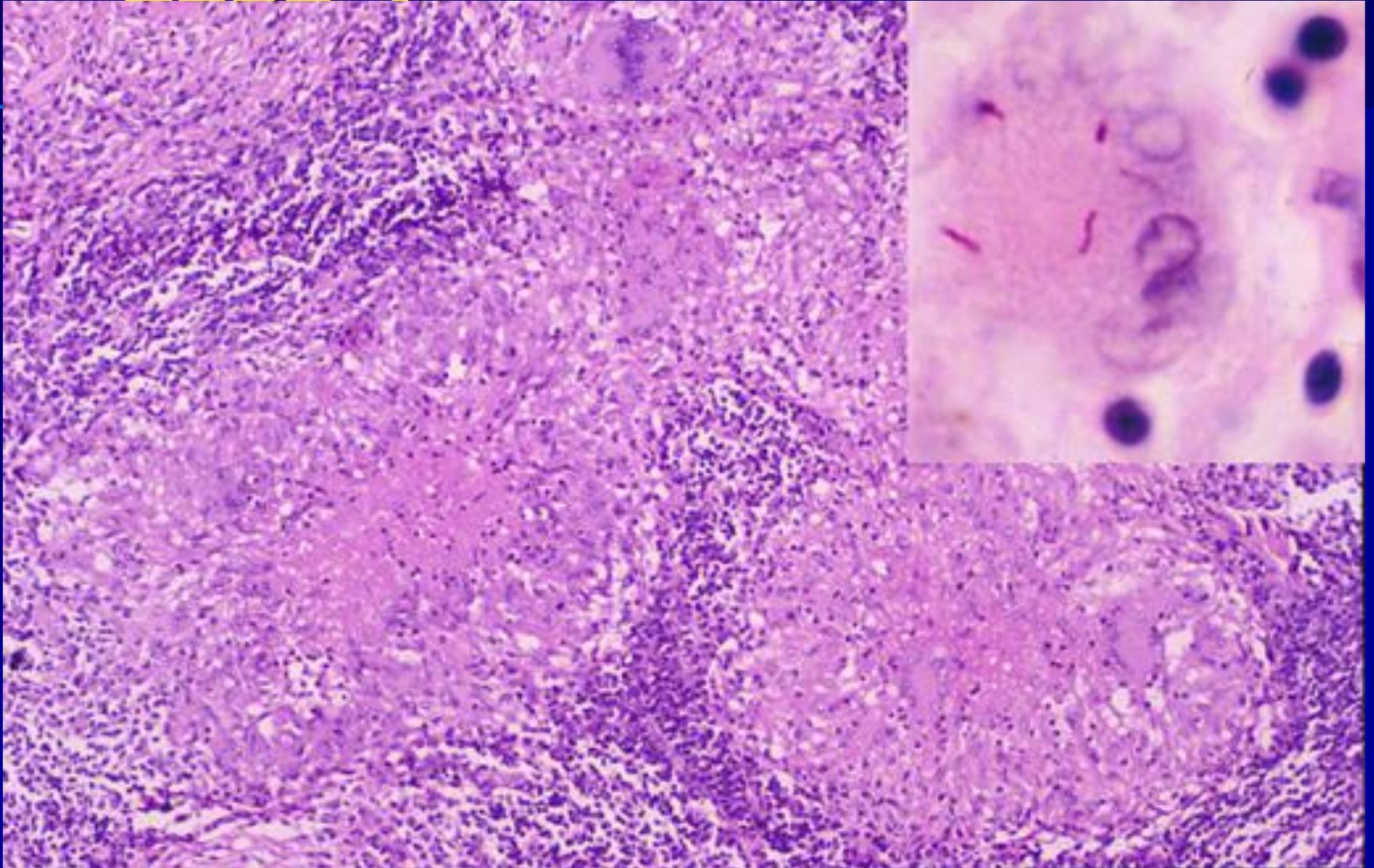


# Case 4

- 36yo refugee presented with progressive neck swelling
- Describe the findings



# Case 4



# Case 4

- What is the likely organism
- What other infections could result in this type of tissue response (without necrosis)
- What are the virulence factors for this organism against host response

# Case 5

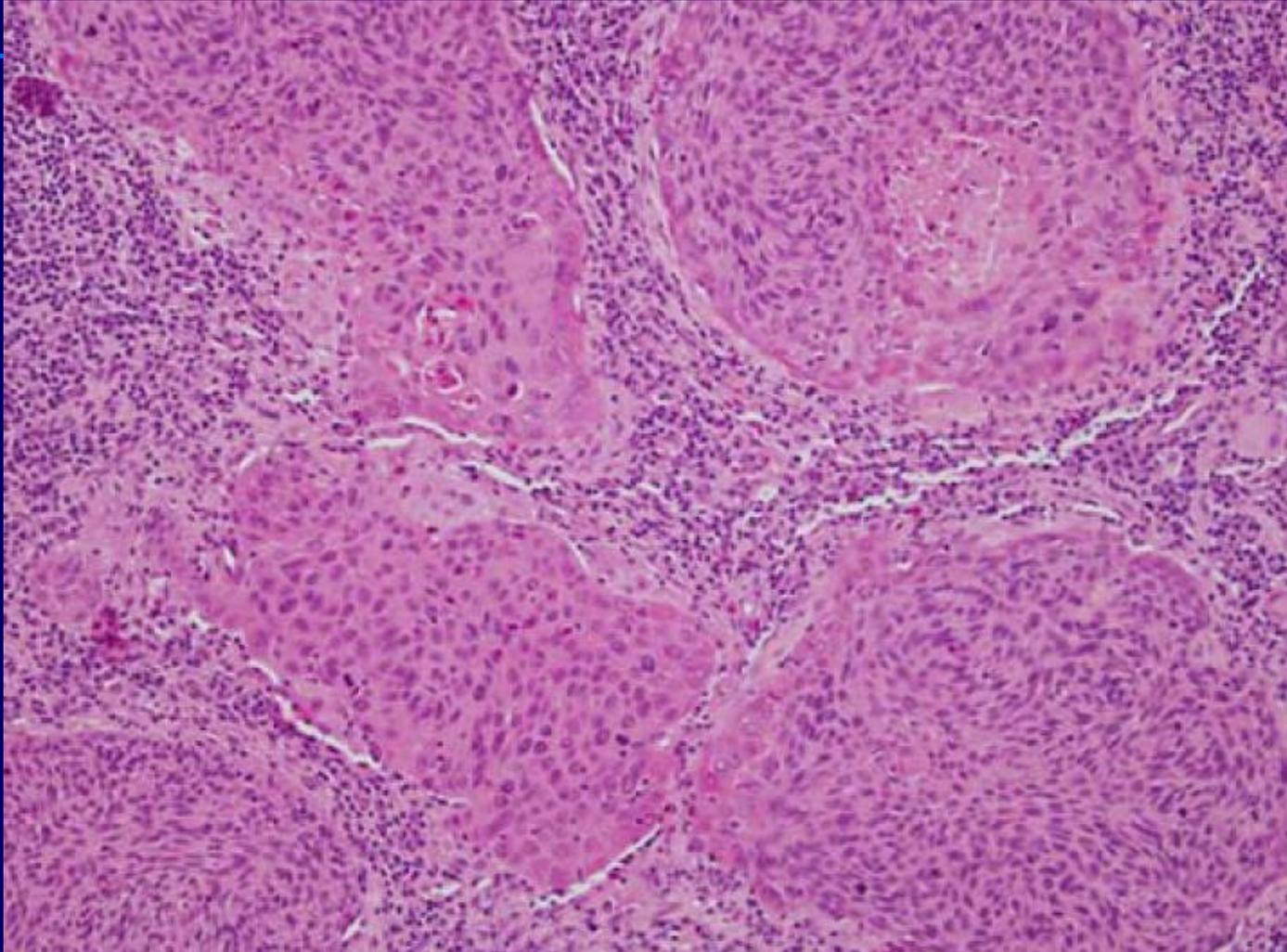
- Draw superior view of petrous temporal bone

# Case 6

- 43 yo gentleman presented with 3 months history of sore throat
- Oral examination findings:
- Differentials



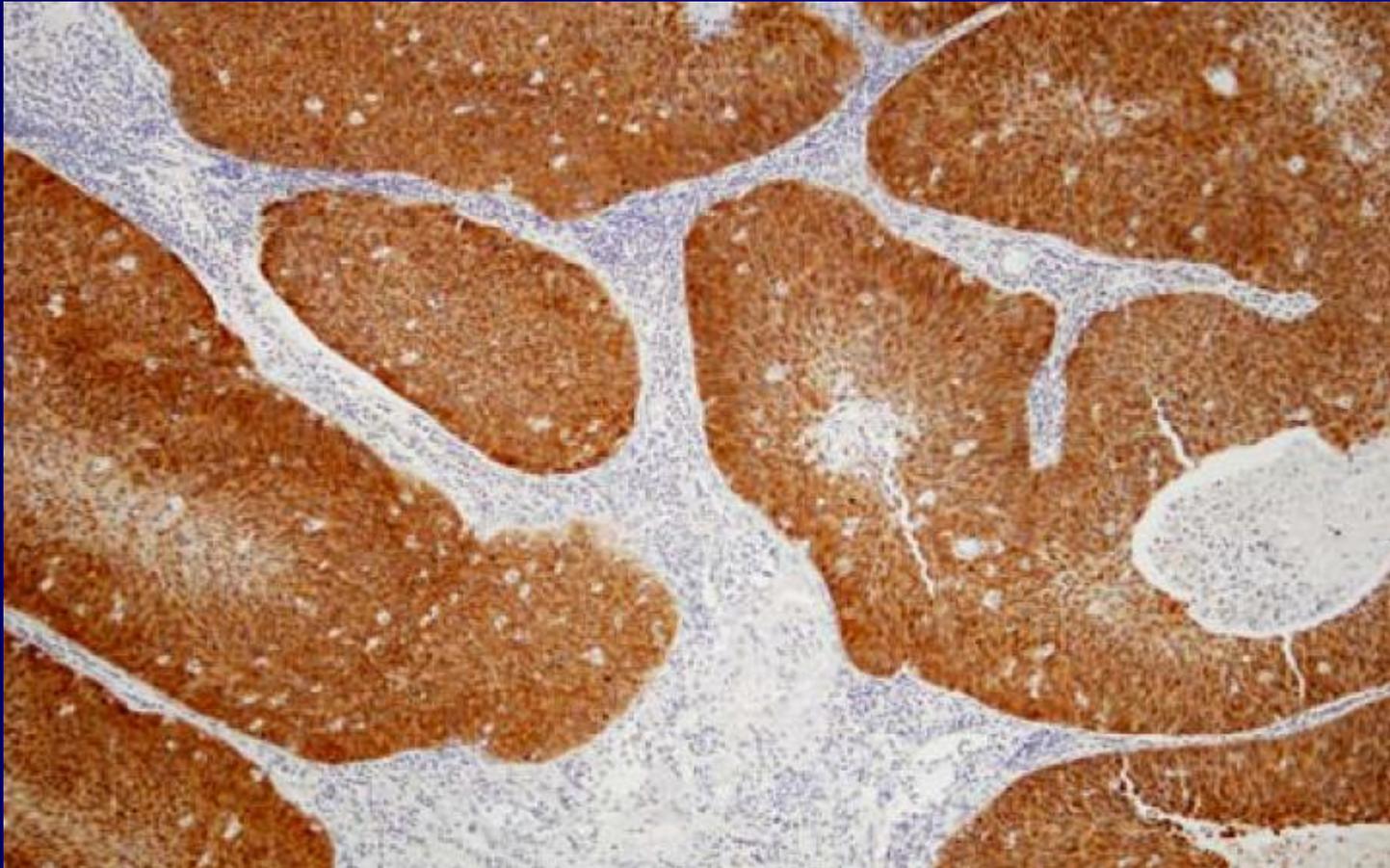
# Case 6



Biopsy

# Case 6

What type of investigation would this slide likely represent



# Case 6

- What is the likely pathogenesis of this disease?

# Case 7: 36 year old gentleman

presents with snoring and mild dysphagia: describe and give dd. What next ?

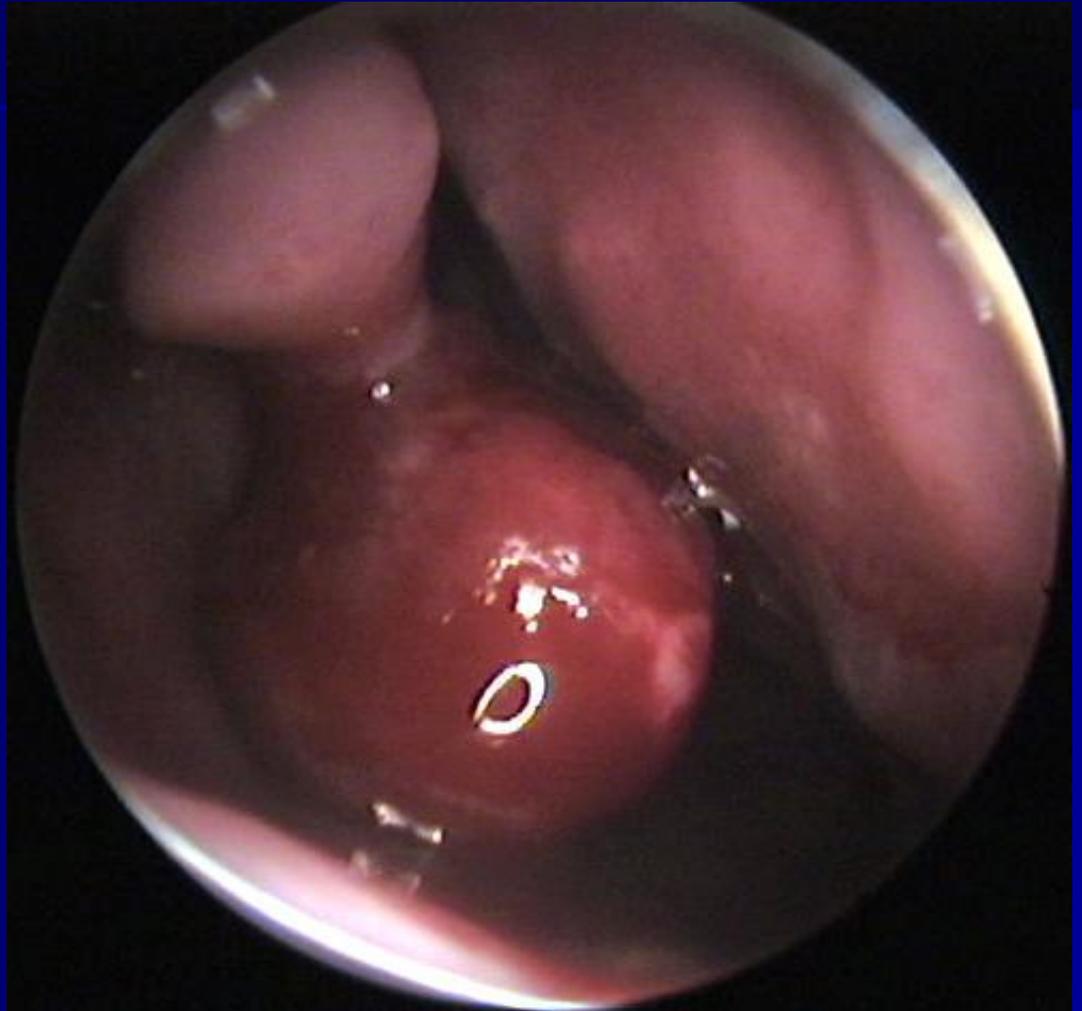


# Describe scan and give DD: Management options ?

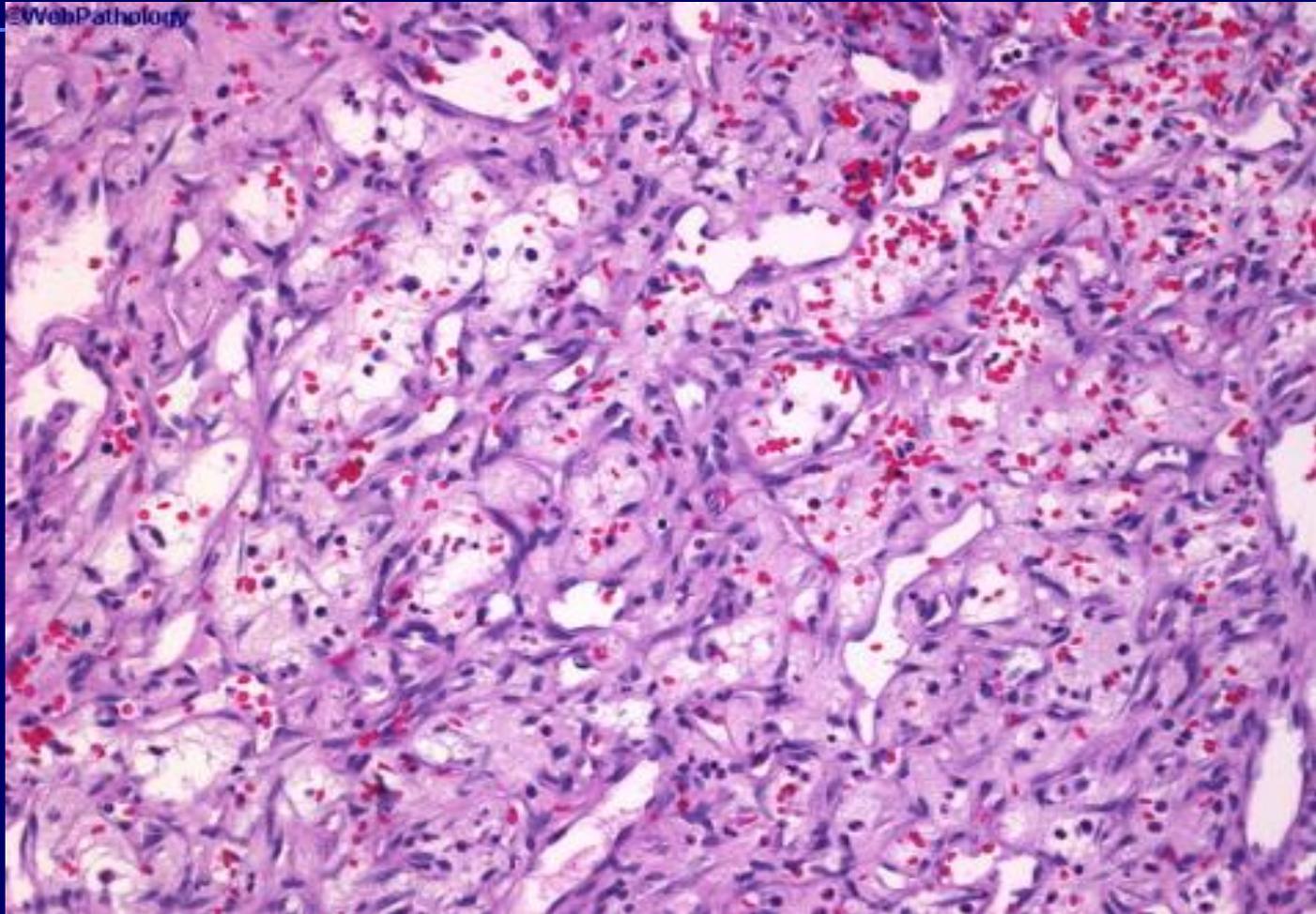


# Case 8

- 14yo boy presents with recurrent epistaxis
- Give differentials



# Case 8: describe histo of biopsy

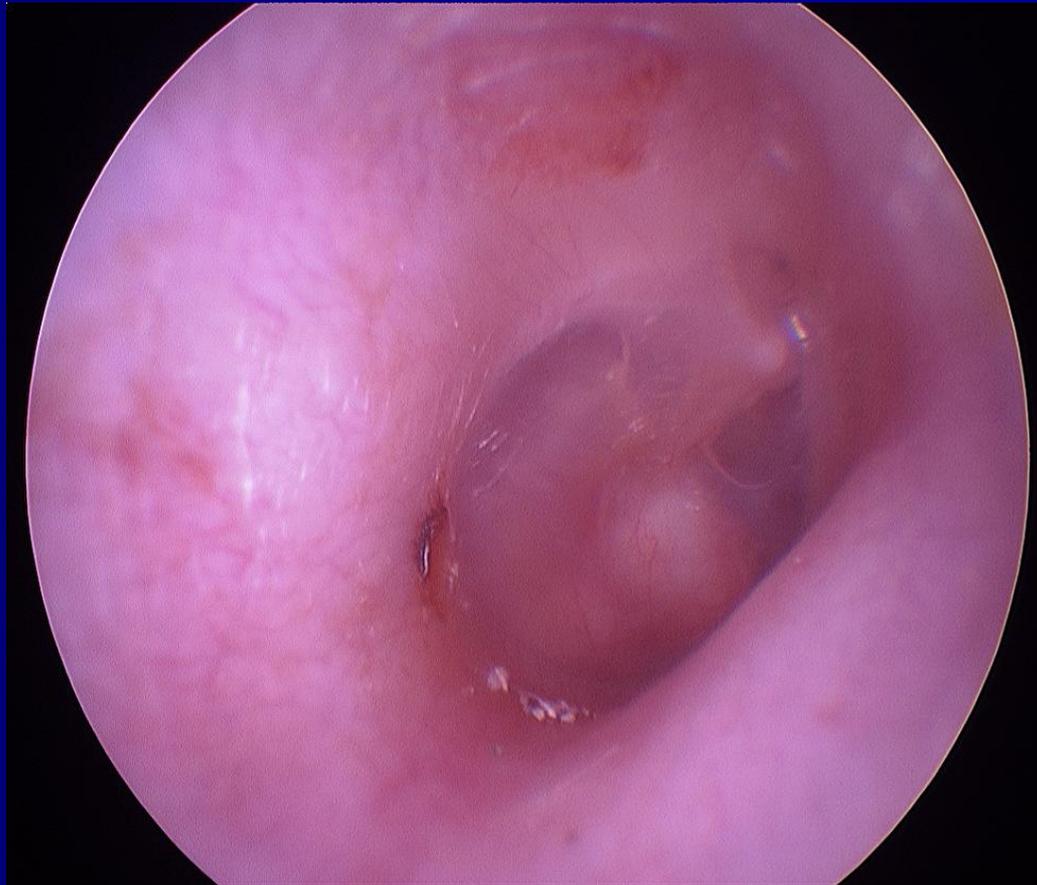


# Case 8

- What are the possible aetiologies

# Case 9

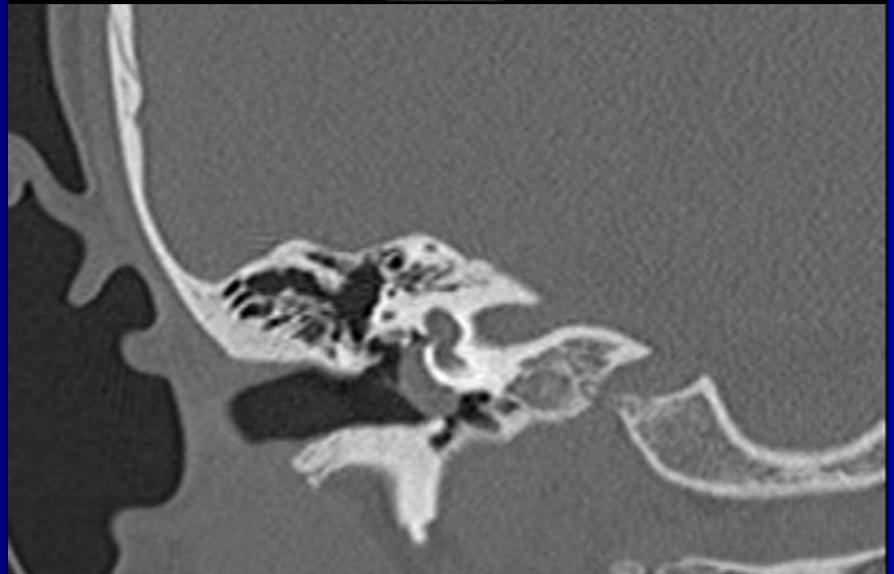
- 4 year old presents with right hearing loss.
- No previous ear infections
- Describe photo and give DD



# Case 9

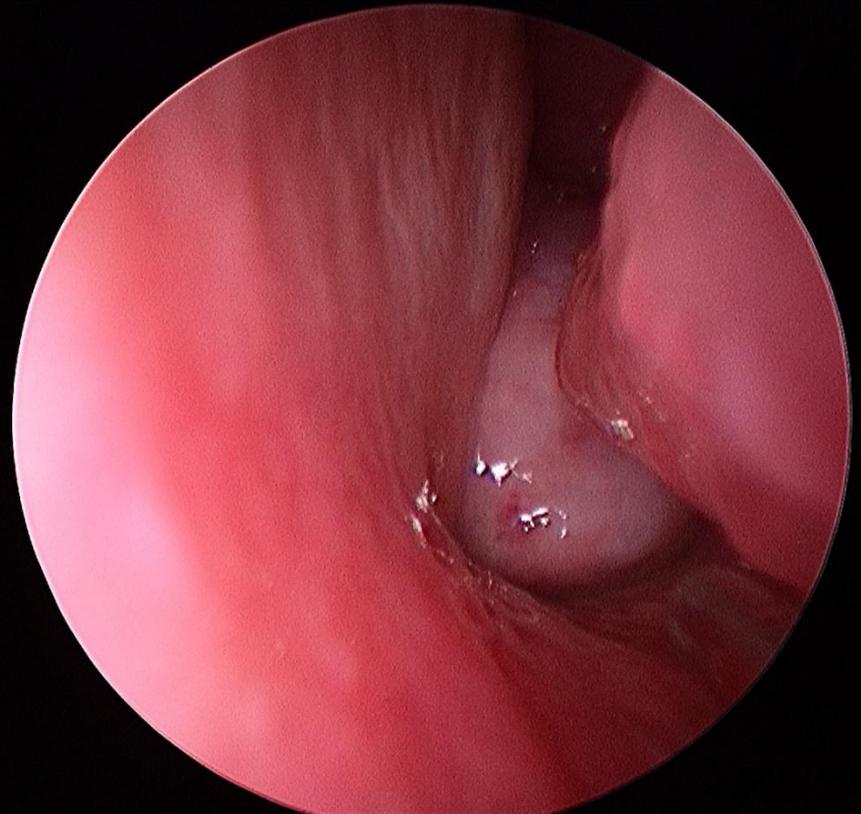
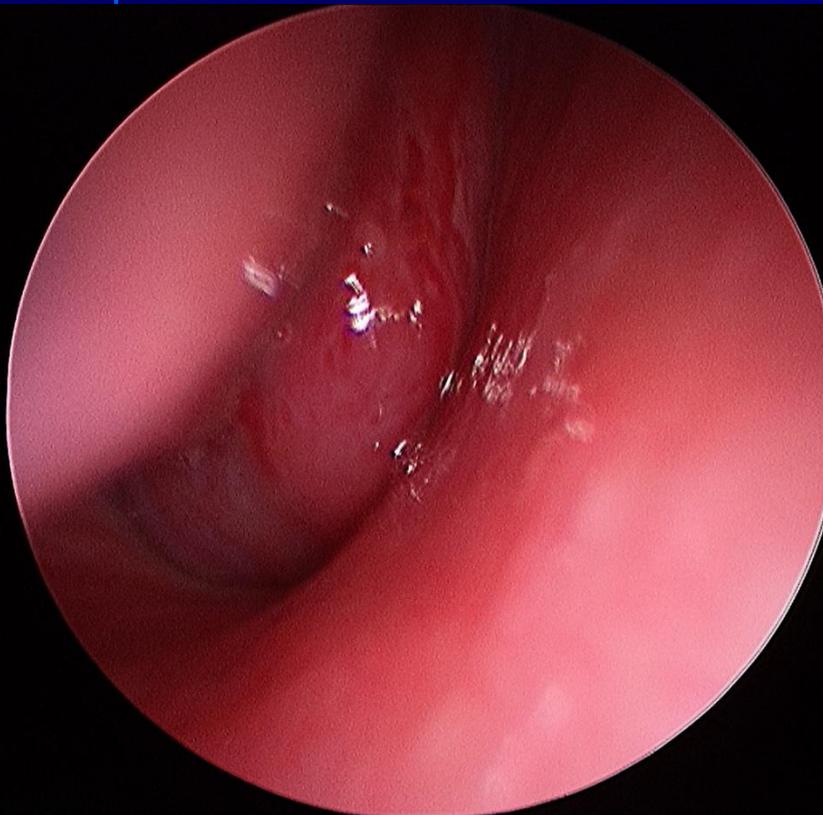
**Describe scans and correlate with exam findings.**

**Outline your management**

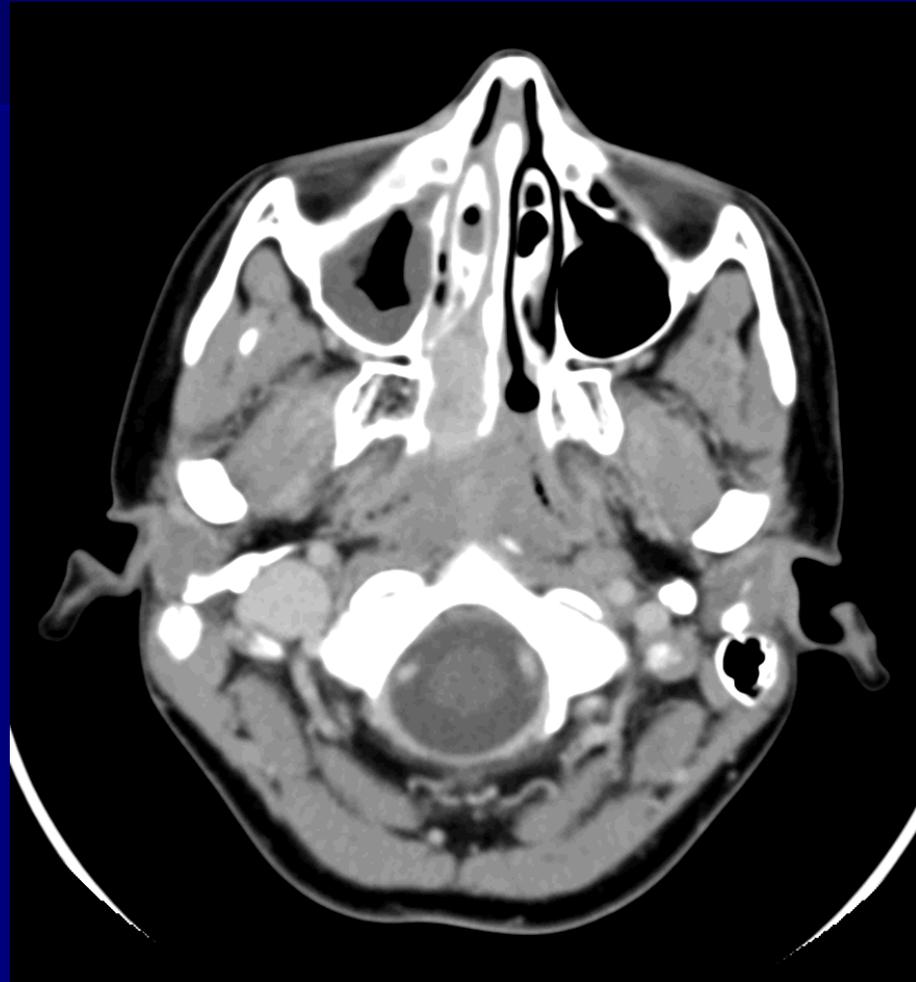
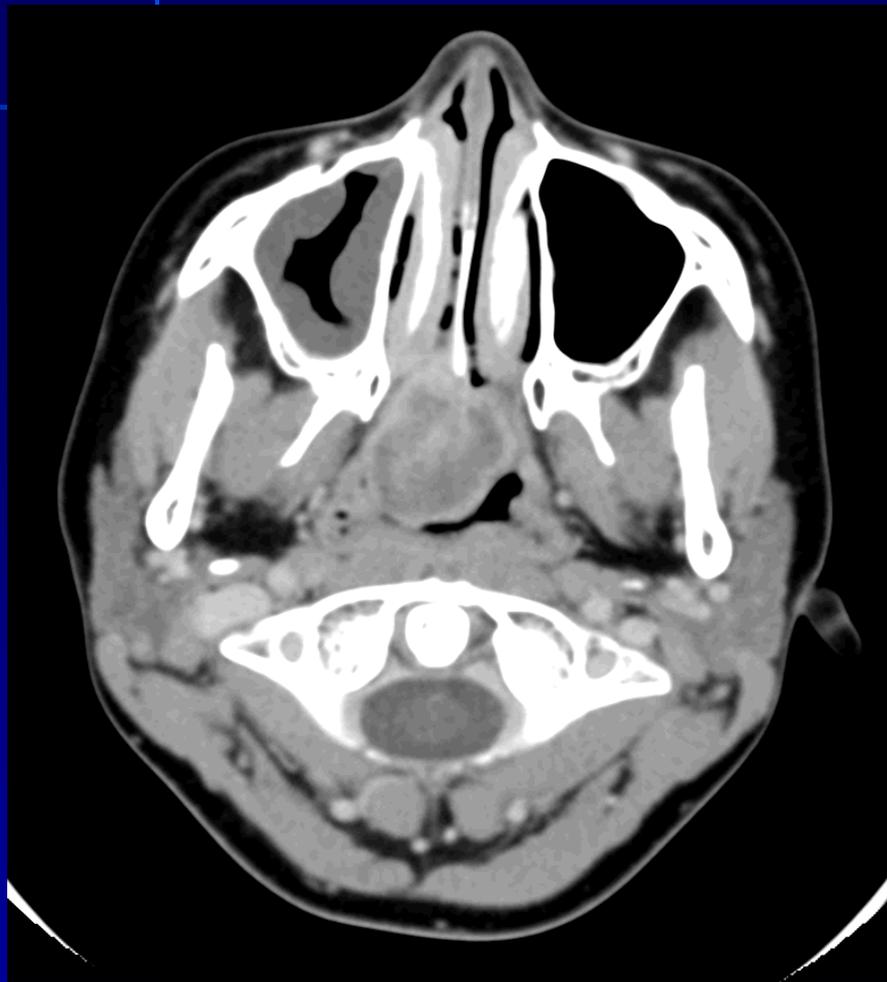


# Case 10

**14 year old boy, nasal  
obstruction**



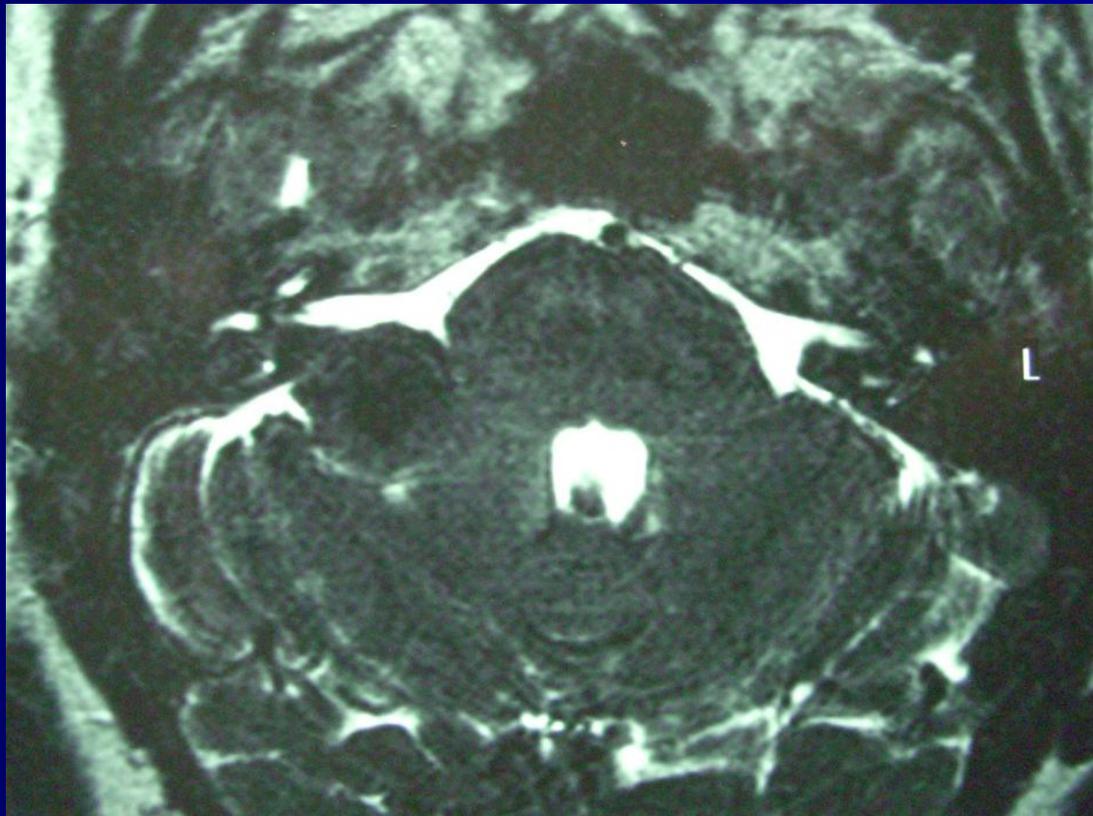
# Describe scans



- What is the diagnosis
- How is this pathology classified

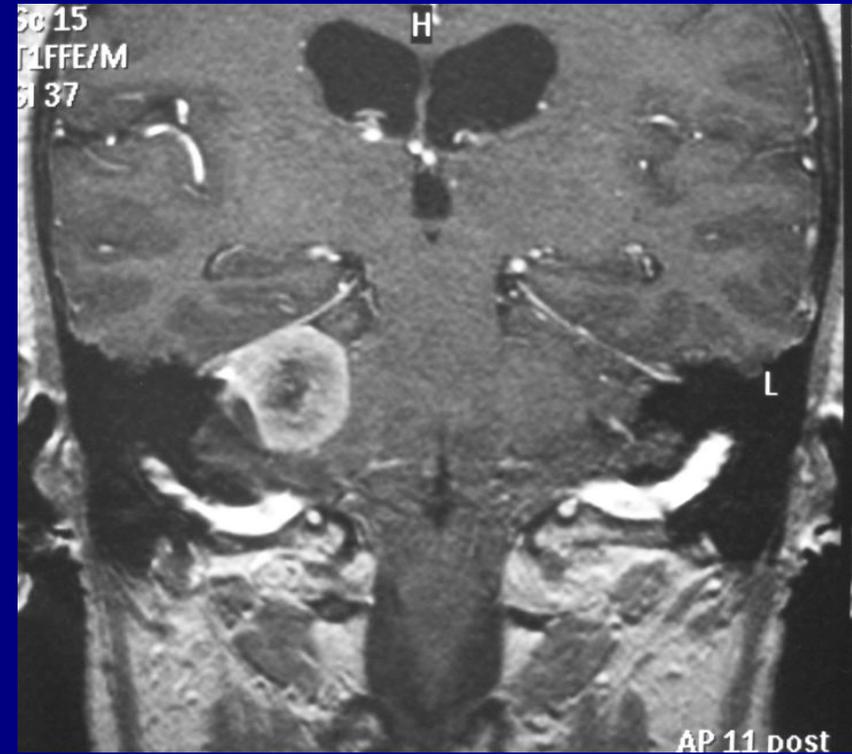
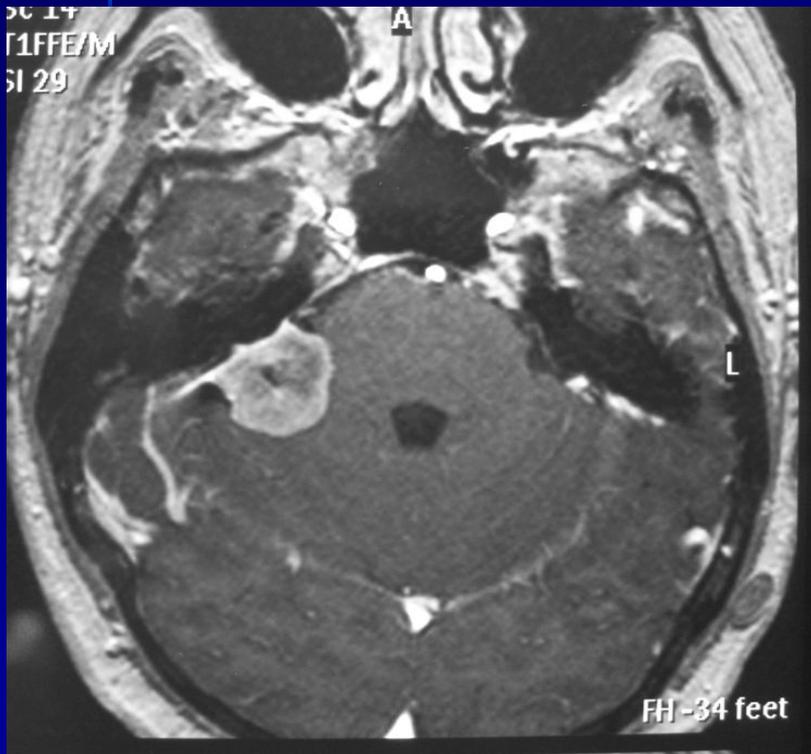
# Case 11

Asymmetric hearing loss, right ear  
Describe scan. Likely diagnosis and  
DD.



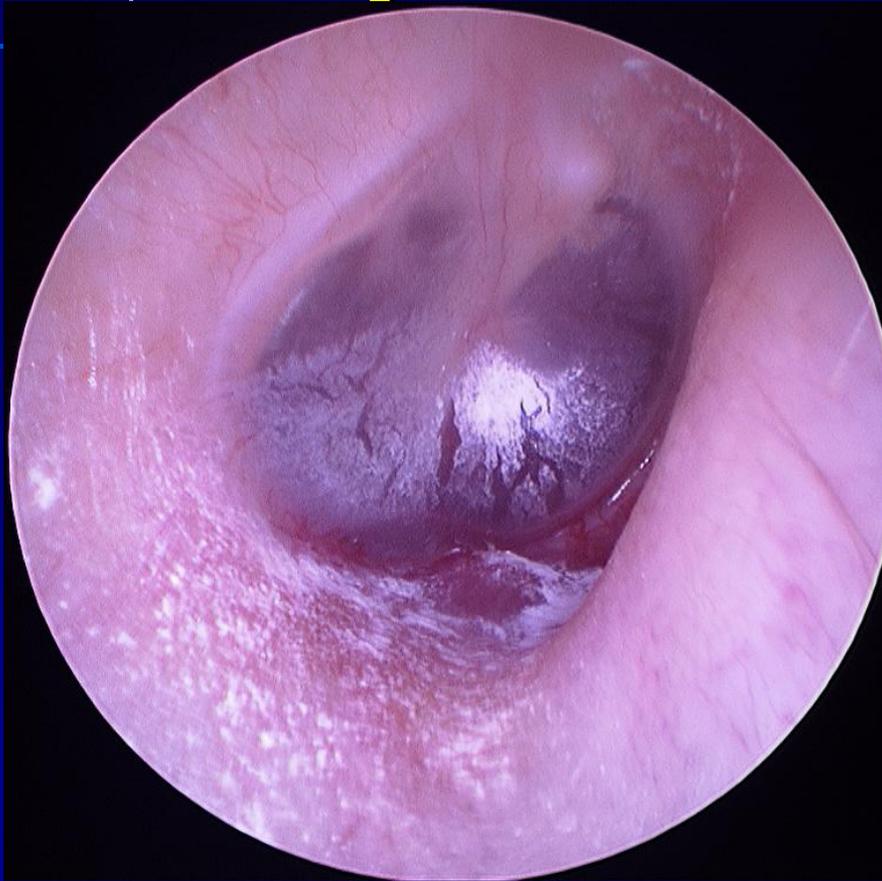
# What is diagnosis and why ?

## How are they classified ?



# Case 12

## 23 year old lady



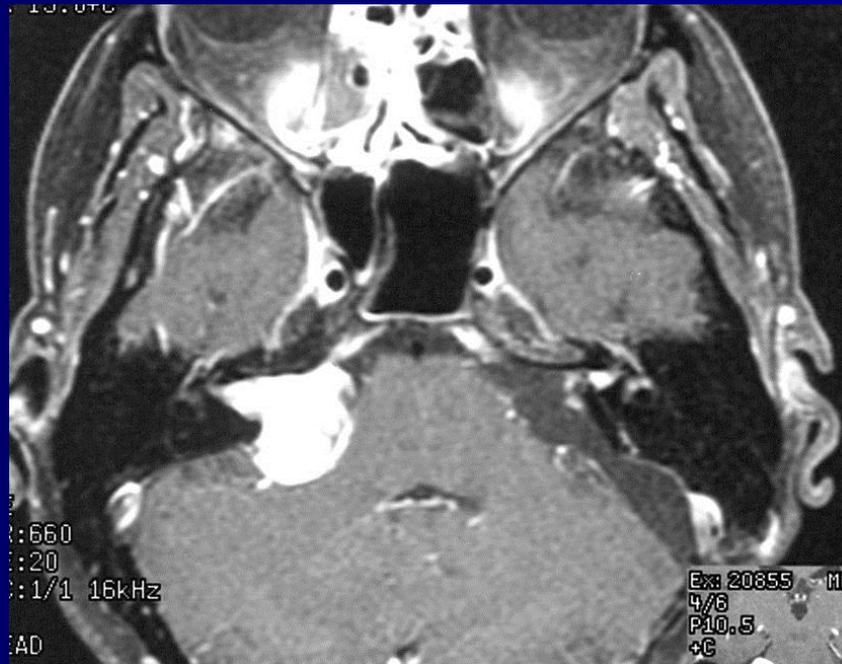
Normal hearing, lower cranial nerves and facial nerve function

# Case 12

- What is likely diagnosis
- How is this classified
- Management principles

# Case 13:

## Describe the scan and give diagnosis



# Case 13

- What is the genetic basis of the disease
- Describe the management principles

# Case 14

4 year old, starting school next year

Recurrent AOM left ear: 8 documented cases lst 12 months



# 14.



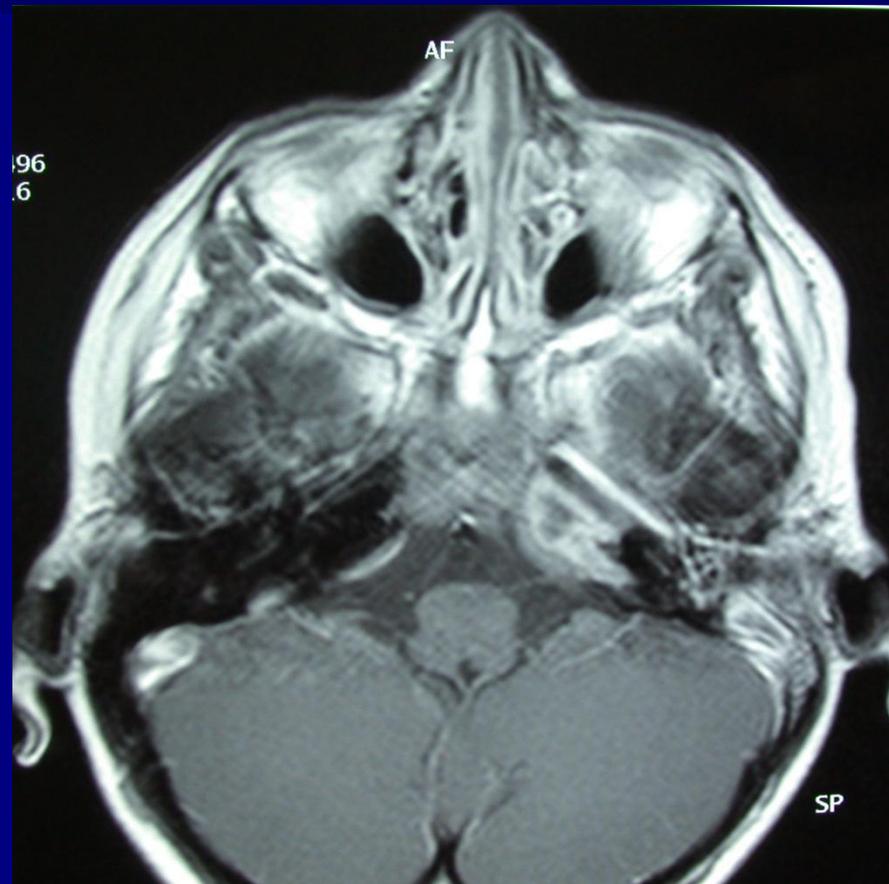
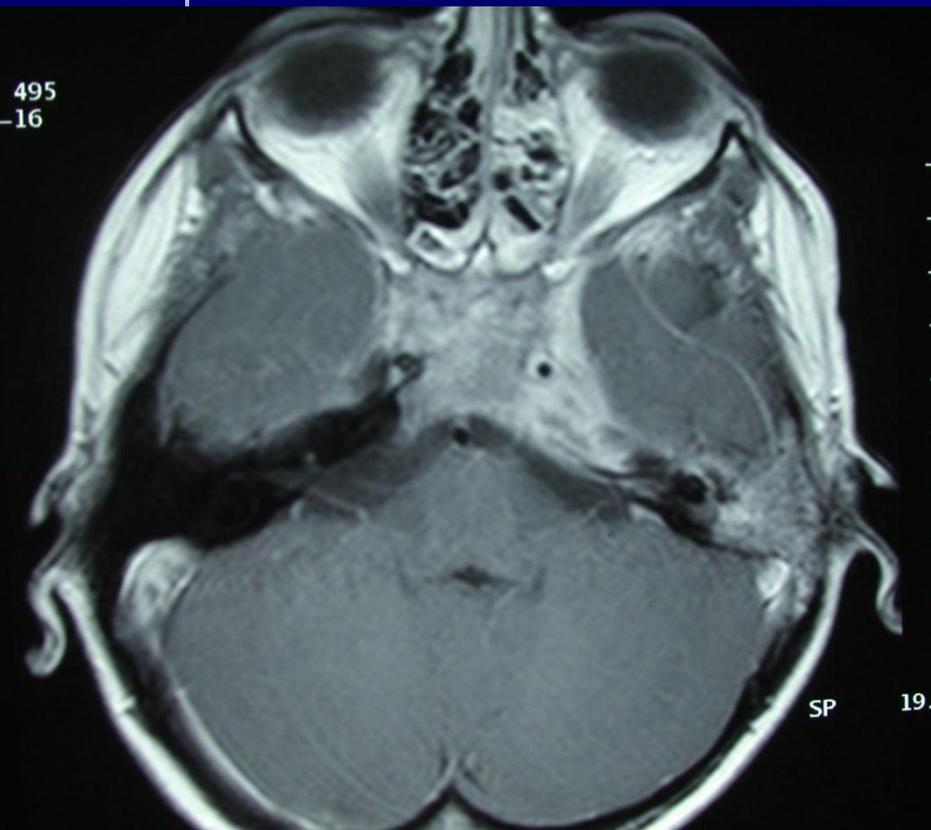
# Case 14

- Describe management principles

# Case 15

- 4 year old boy
- Clinical presentation of left otalgia, fever, and inability to abduct left eye.
- Initial suspicions and management



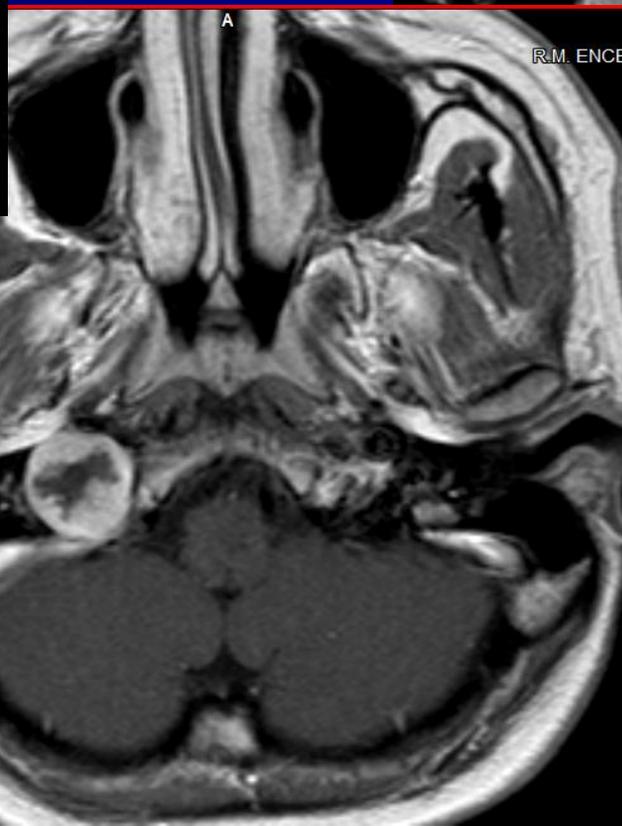
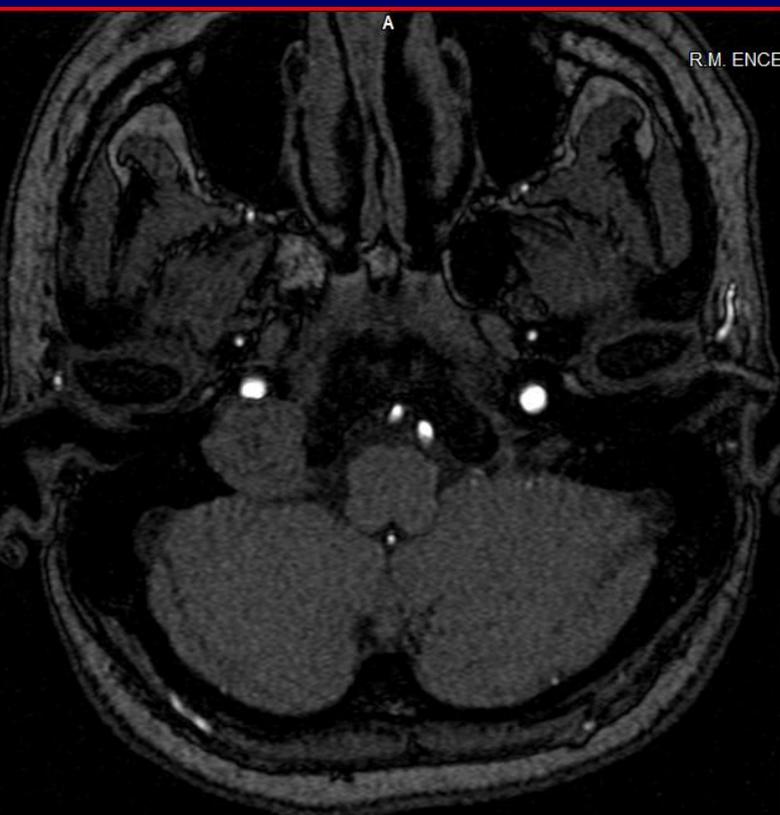


**Case 16:** 68 year old lady with 3 month history of breathy voice and right vocal fold paresis



# Case 16

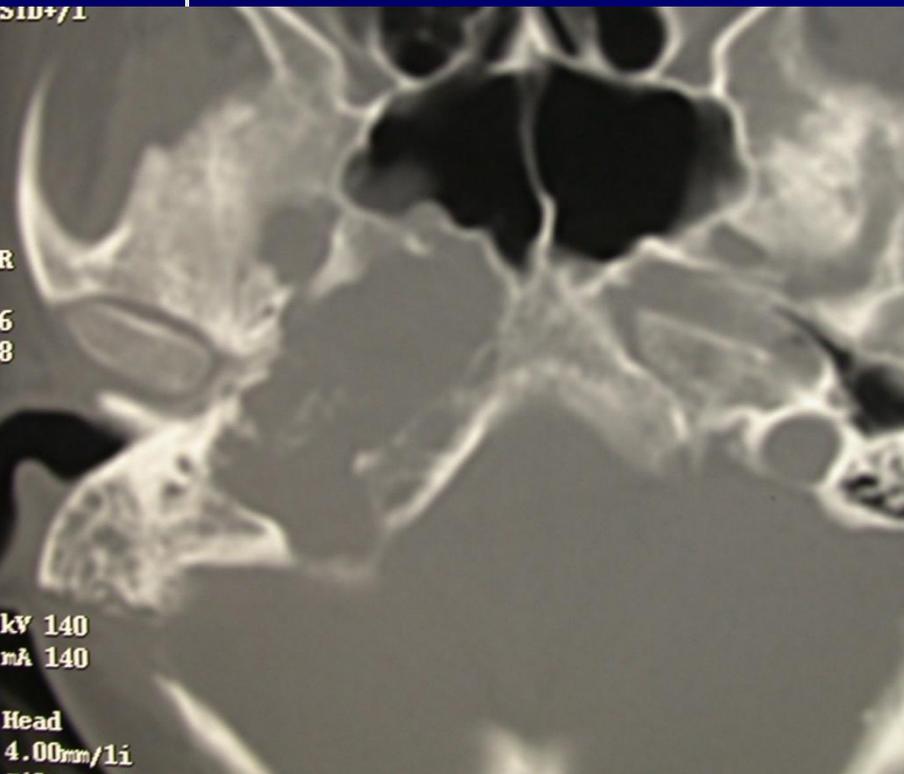
- Describe scans and give differential diagnosis.



# Case 16

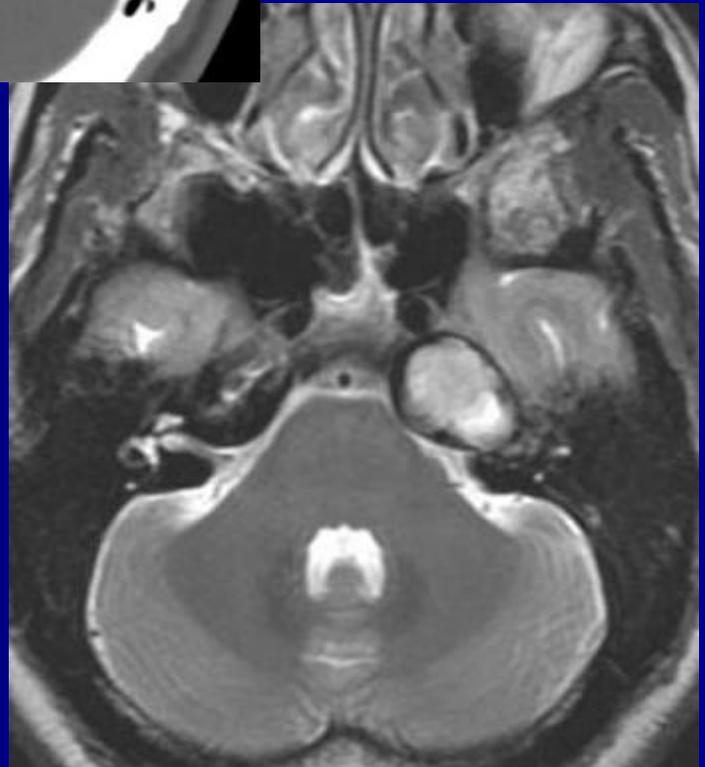
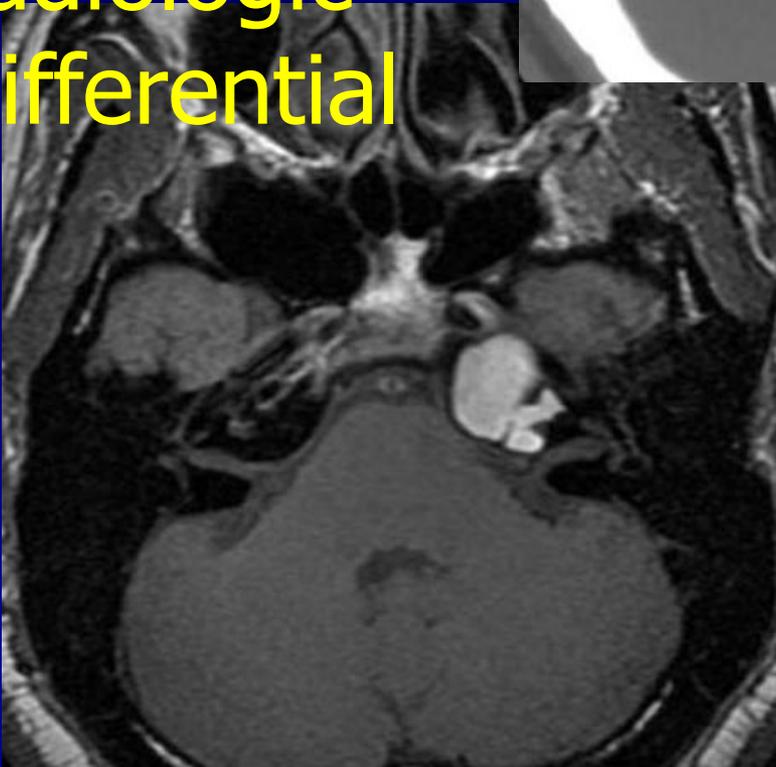
- Confirm diagnosis on these MRI scans.
- Outline management plan

# Case 17

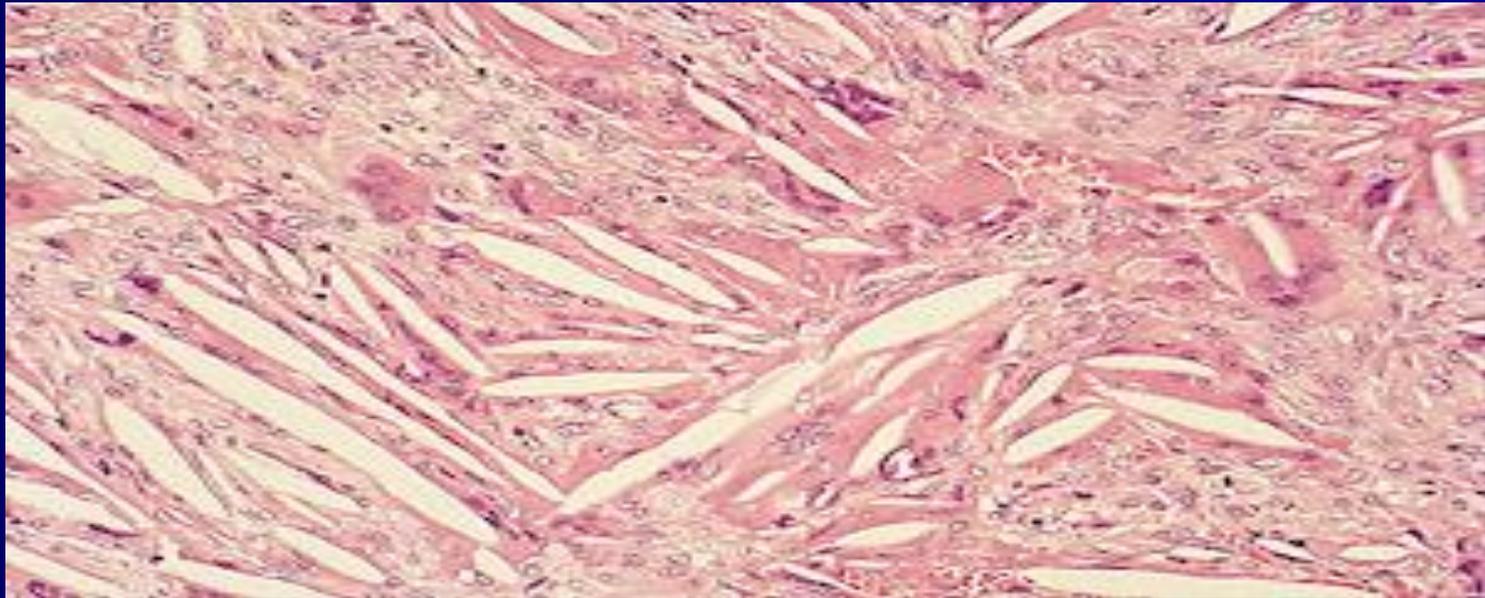


Describe these scans and give radiologic differential

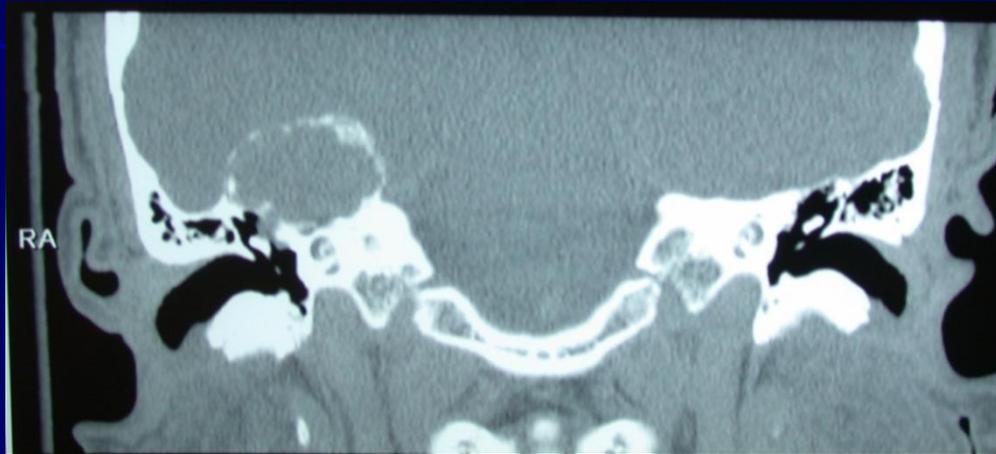
Case 18  
Describe  
scans and  
give  
radiologic  
differential



# Describe Histo and confirm diagnosis



# Case 19: 28 year old man with grade III right facial nerve function and conductive hearing loss.



Describe scans and give differential  
Confirm diagnosis on following MRI scans and discuss management.

