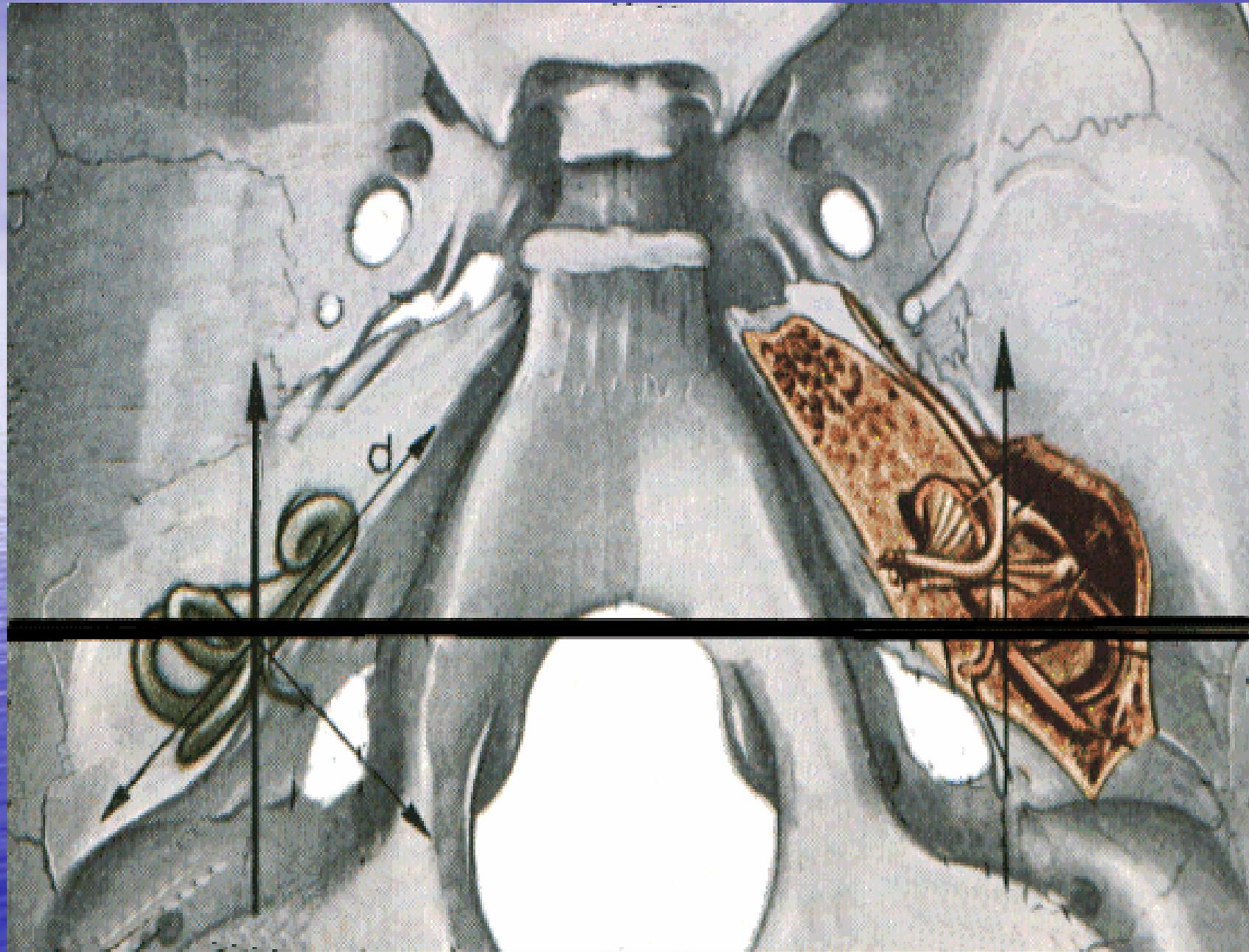


*Tecnica TC ed RM  
nello studio delle  
Rocche Petrose*

[WWW.FISIOKINESITERAPIA.BIZ](http://WWW.FISIOKINESITERAPIA.BIZ)



# Anatomia **neuroradiologica** della rocca petrosa:

~~□ Radiologia Tradizionale~~

□ TC ad alta definizione

□ RM ad alto campo

# Tecnica di studio TC

1. parametri tecnici relativi all'apparecchiatura
2. parametri tecnici di esecuzione dell'esame
3. Piani di scansione
4. Documentazione e post-processing

# Tecnica di studio TC

- spessore di strato
- incremento di strato
- matrice
- campo di vista

- 1 mm
- 1 mm
- 512x512
- 25 cm (12)

# Tecnica di studio TC

- algoritmi di ricostruzione

- dati di esposizione

- Osso con filtri duri o ad alta

frequenza

- 140 Kv

150/420 mAs

1-3 secondi

# Tecnica di studio TC

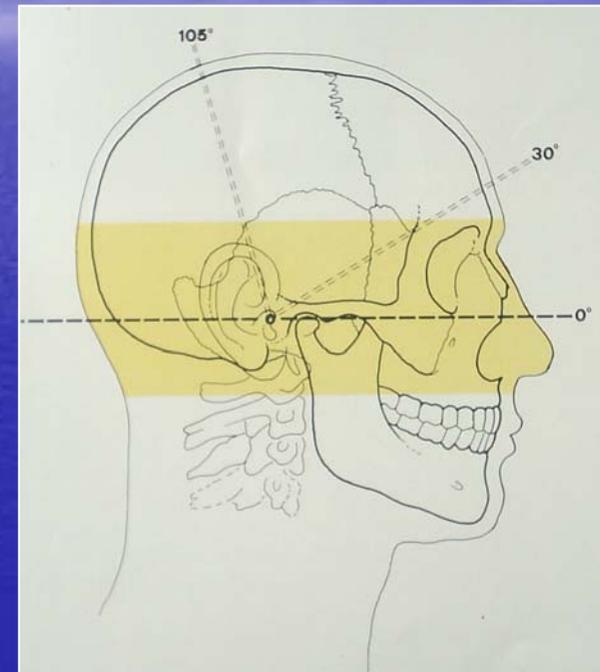
1. Dose di esposizione
2. Sollecitazione del tubo
3. Qualita' dell'immagine
4. Informazione ottenibile

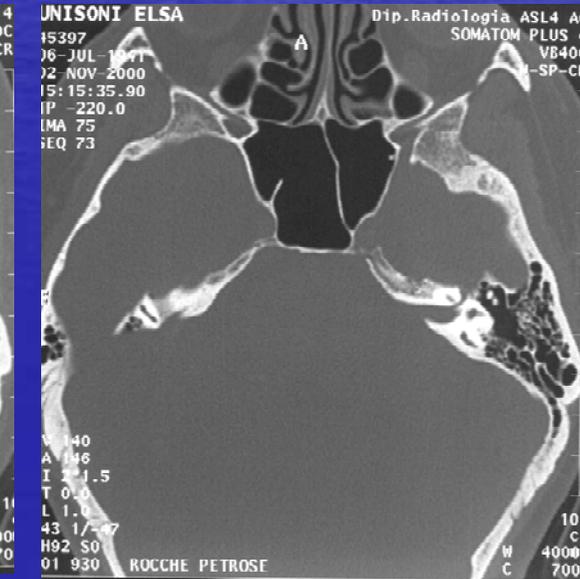
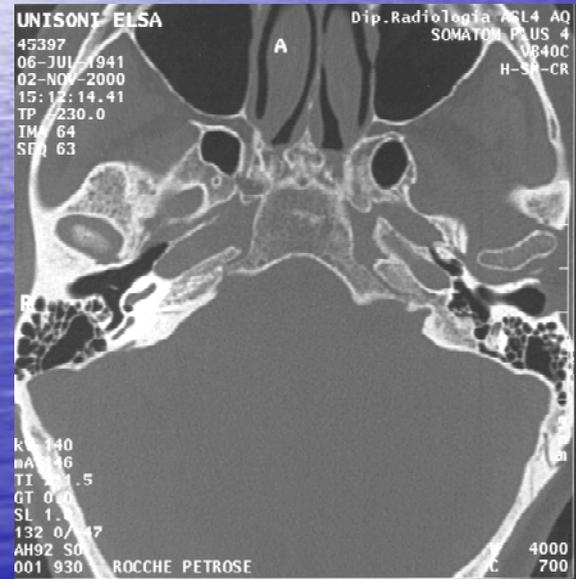
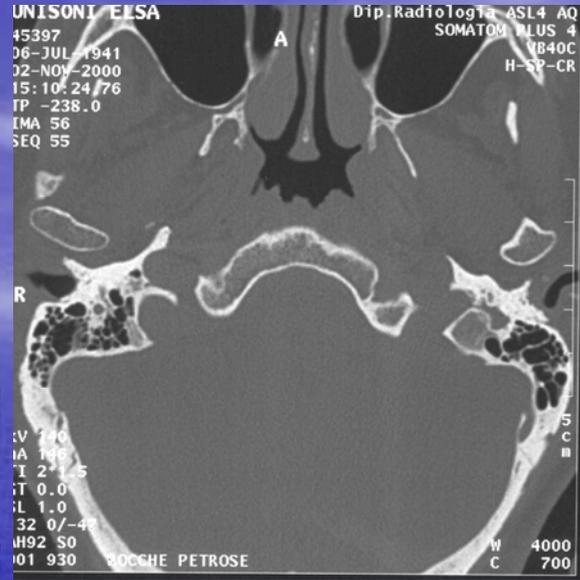
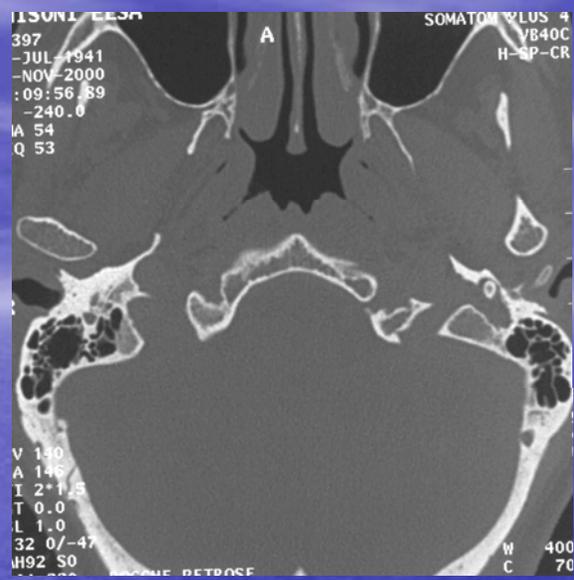
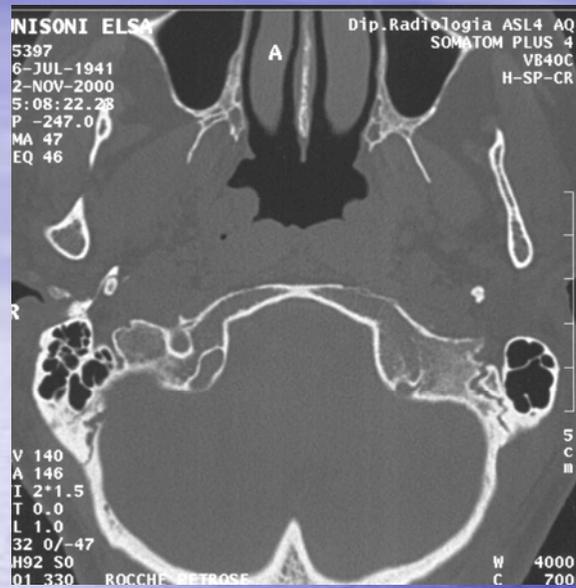


# Tecnica di studio TC

Piani di scansione assiali:

- **Orizzontale tedesco**
- Orbito-meatale (+ 15°)
- Fronto-meatale (+30°)

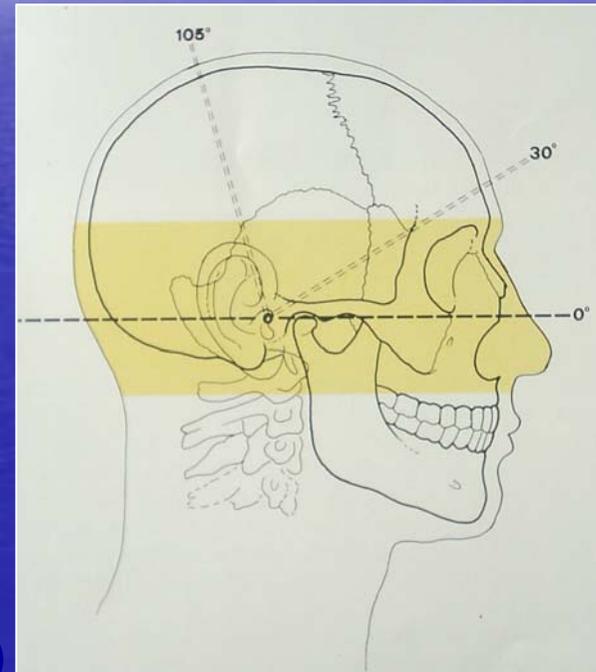


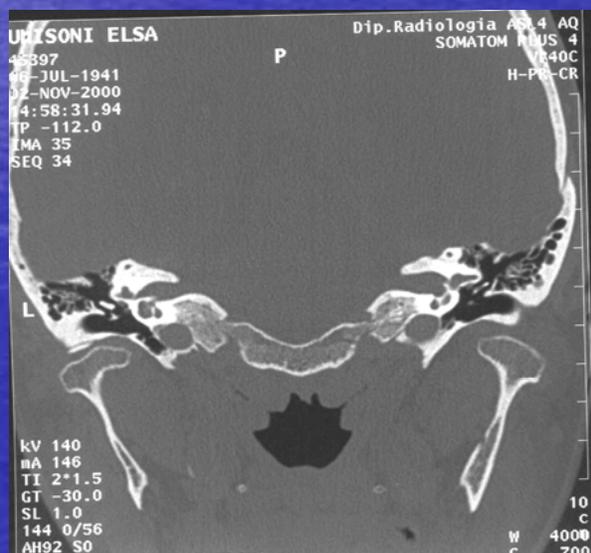
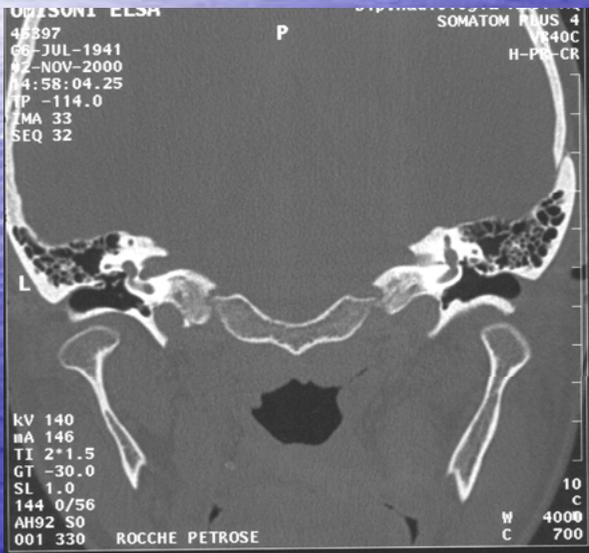
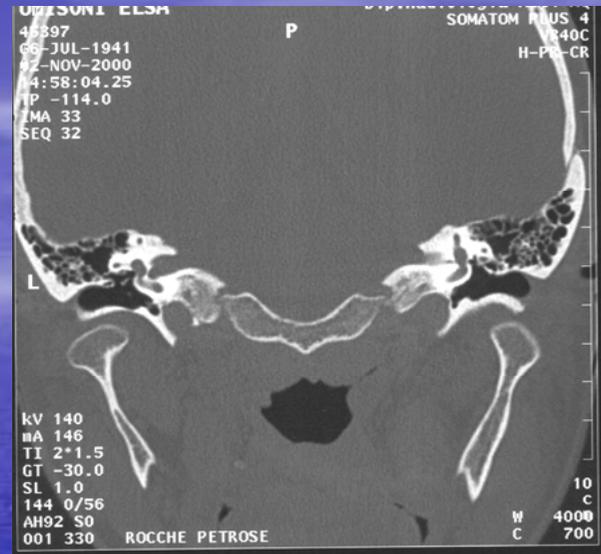
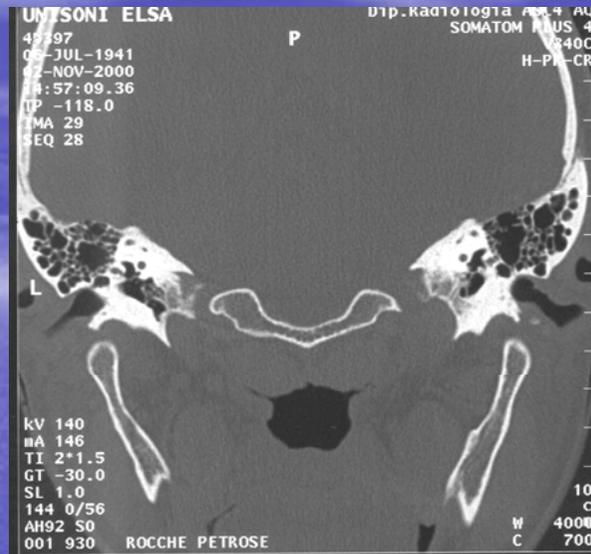
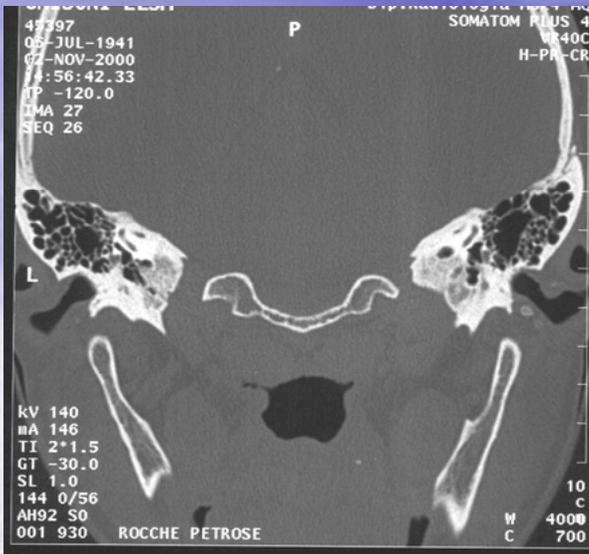


# Tecnica di studio TC

## Piani di scansione coronali:

- Paziente prono
- Iperestensione del collo
- Inclinazione  $+105^\circ$
- Perpendicolari al piano assiale orbito-meatale

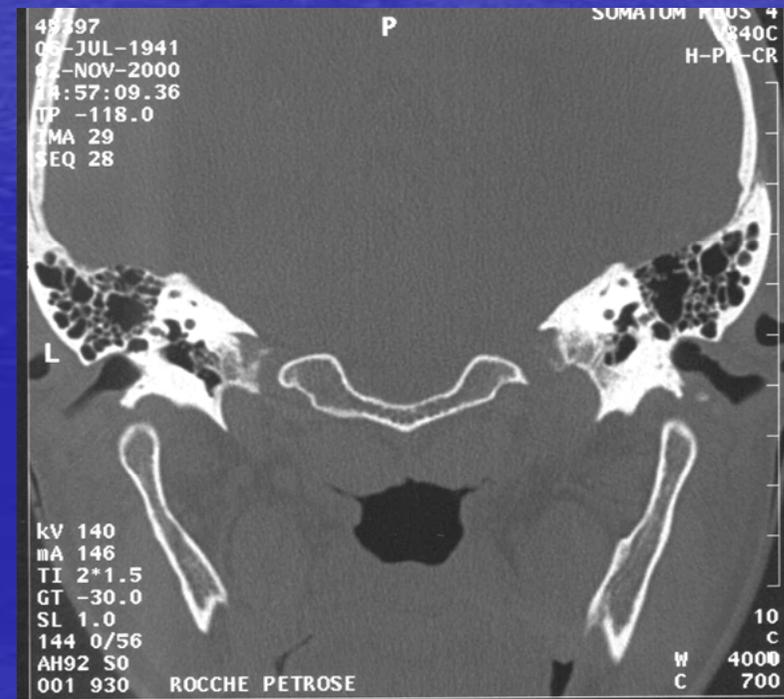




# Tecnica di studio TC

## Documentazione e post-processing

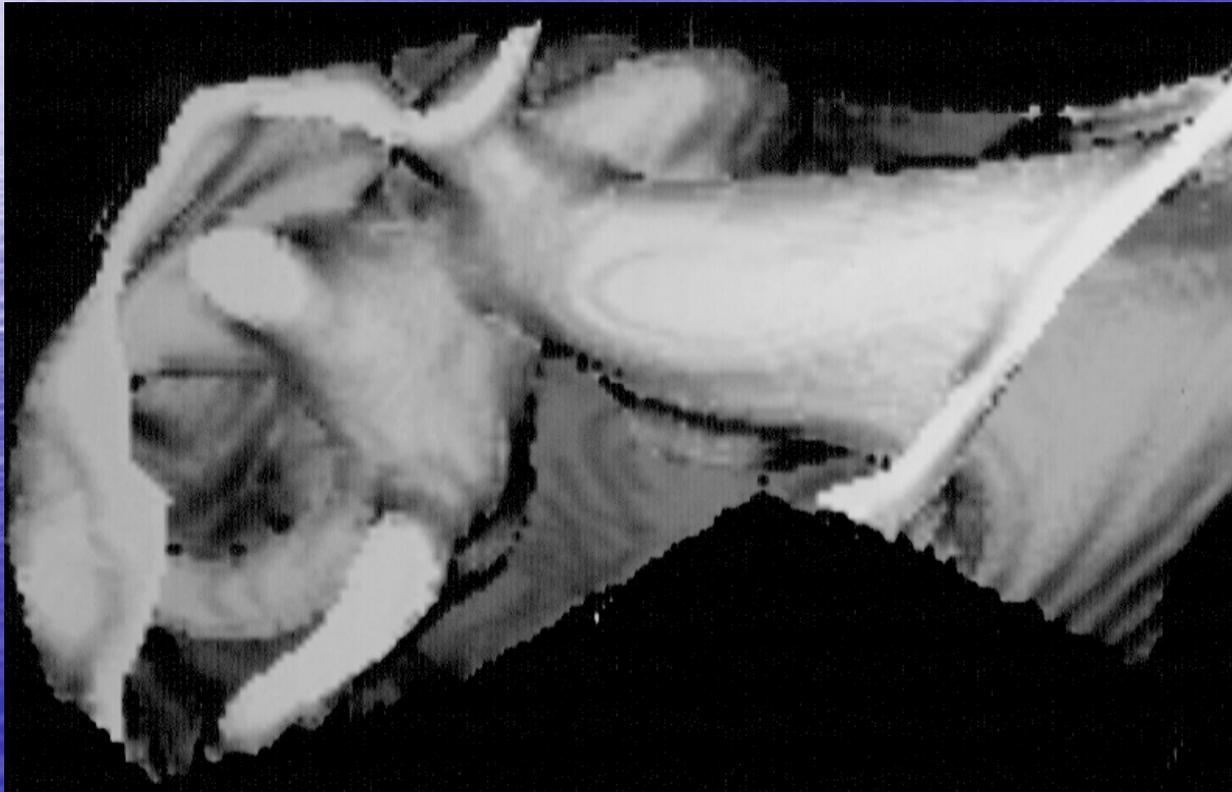
- Finestra ampia (4000 U.H.)
- Livello di densita' dell'osso strutturato, 300-700 U.H. (v. m. 500/600 U.H.)



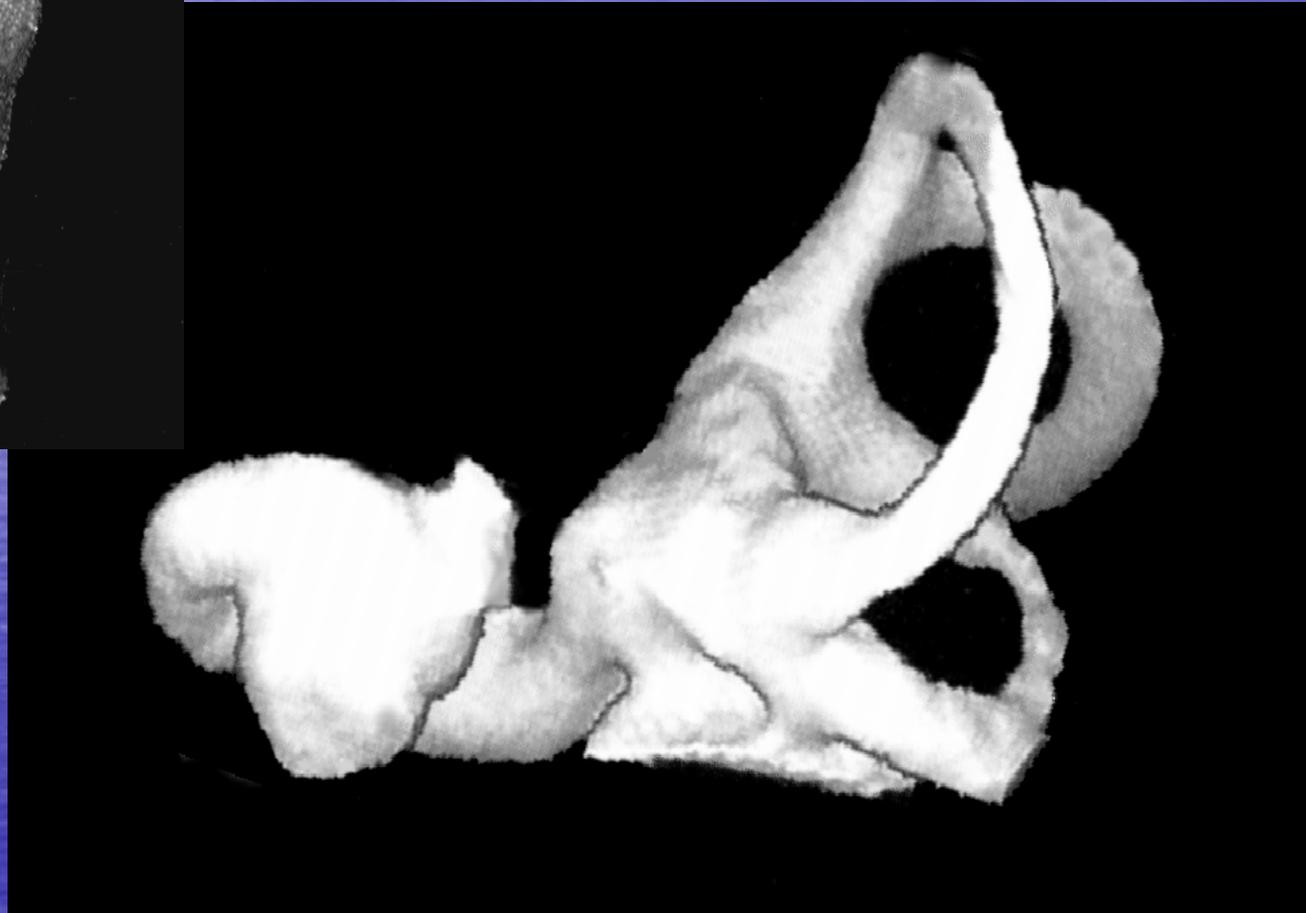
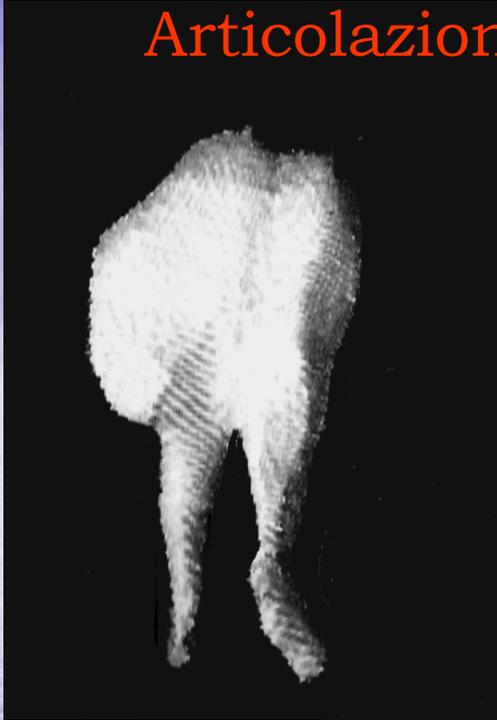
# Tecnica di studio TC

## Documentazione e post-processing

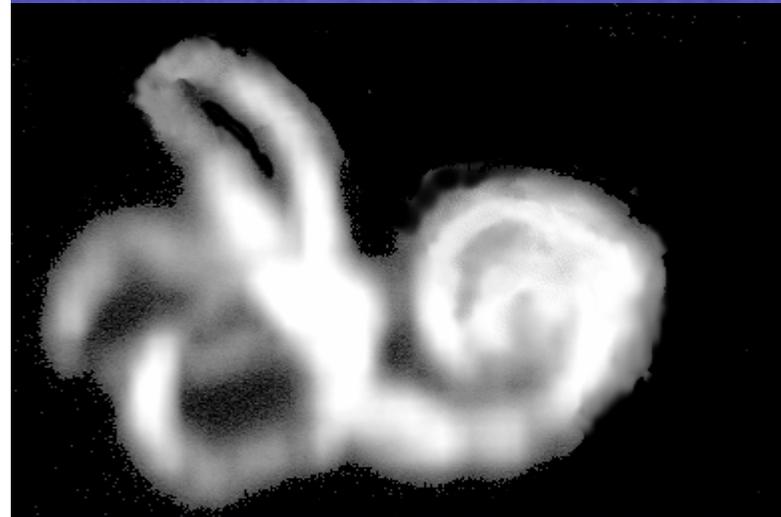
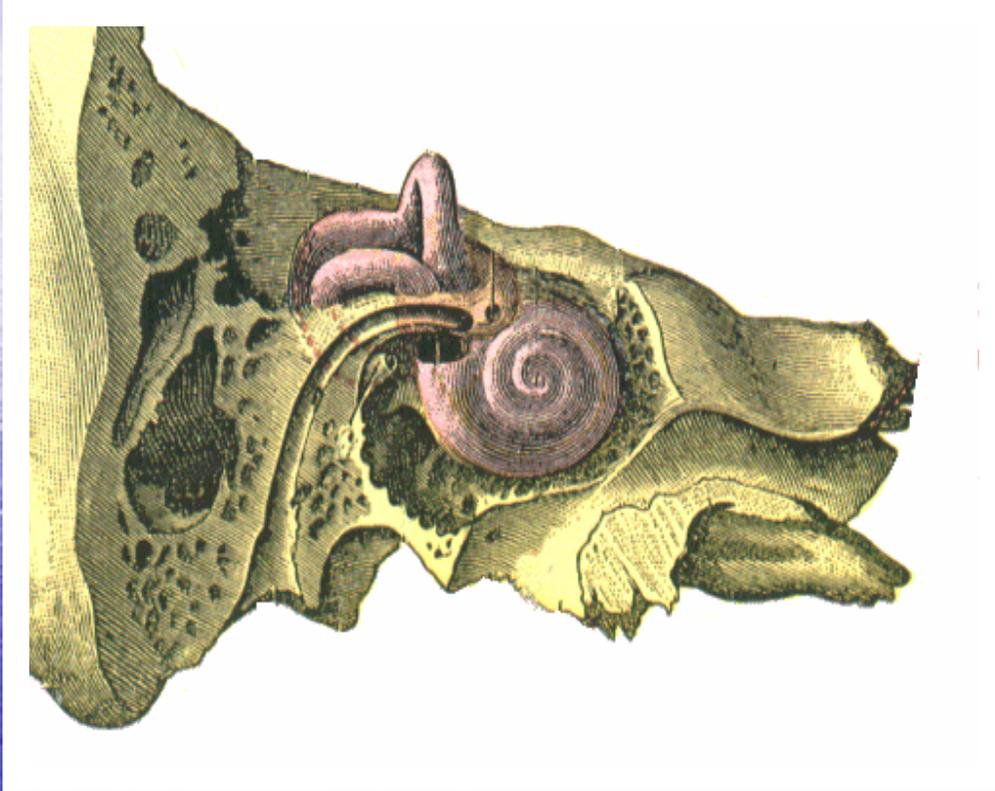
- Ricostruzioni elettroniche  
multiplanari



## Articolazione ossiculare e labirinto osseo TC



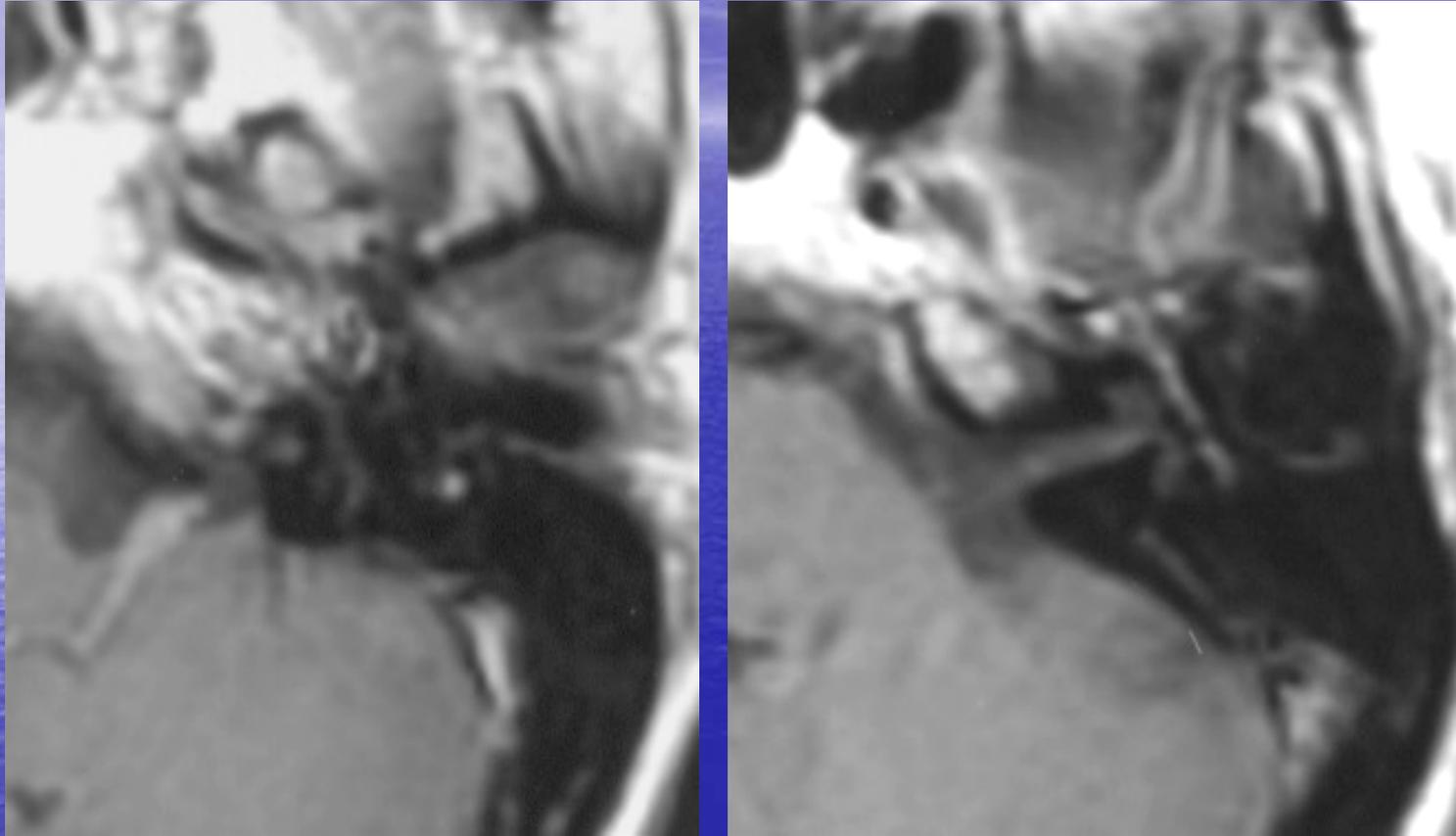
# Tecnica di studio RM



# Tecnica di studio RM

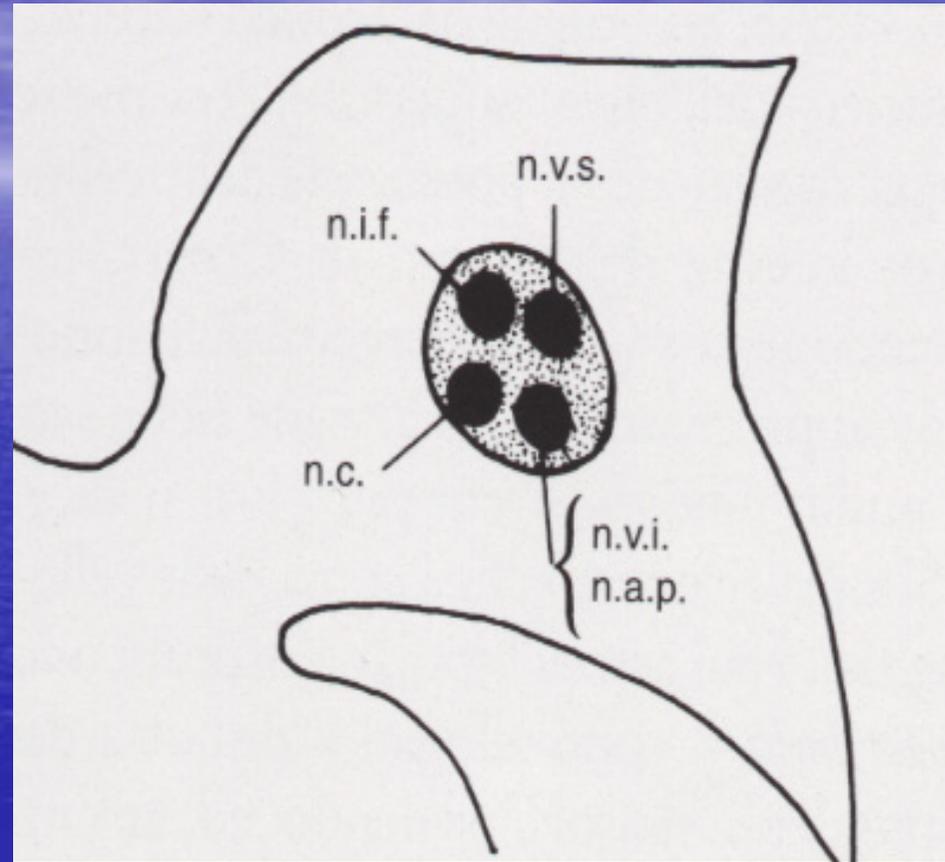
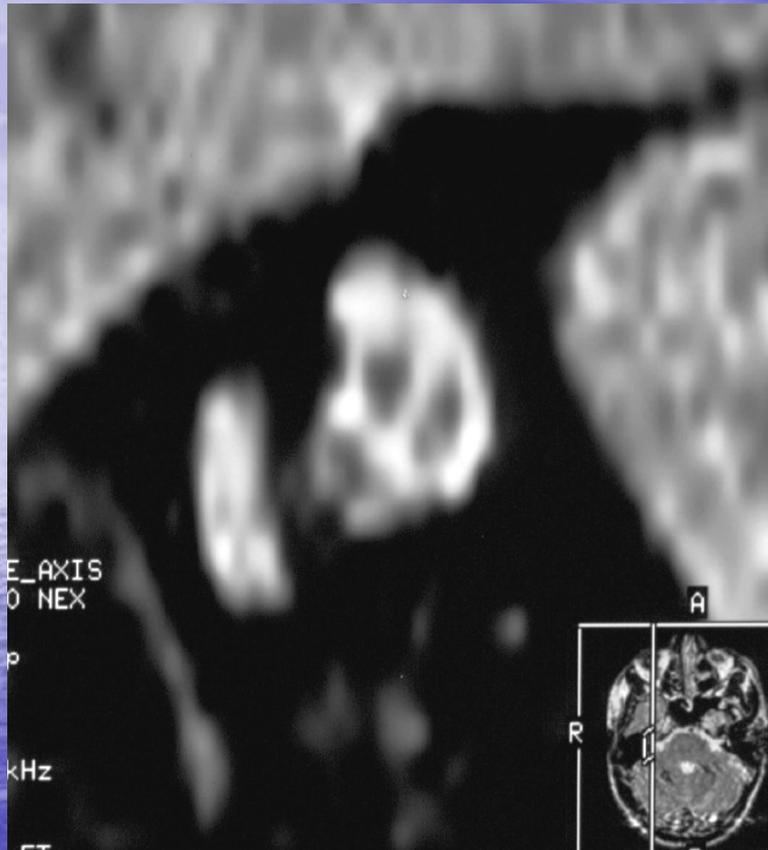
1. Piani assiali, coronali e obliqui
2. spessore di strato 3 mm
3. Acquisizioni volumetriche (1 mm)
4. Sequenze con alto contrasto T2
5. Elaborazione delle immagini
6. Angio RM

# Tecnica di studio RM



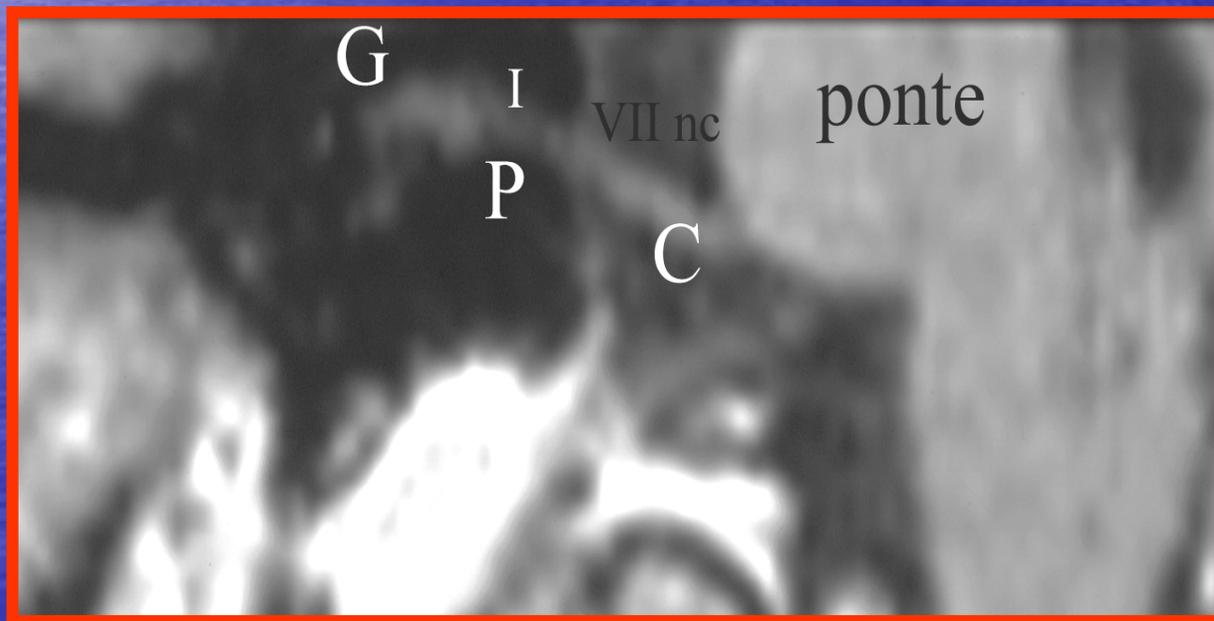
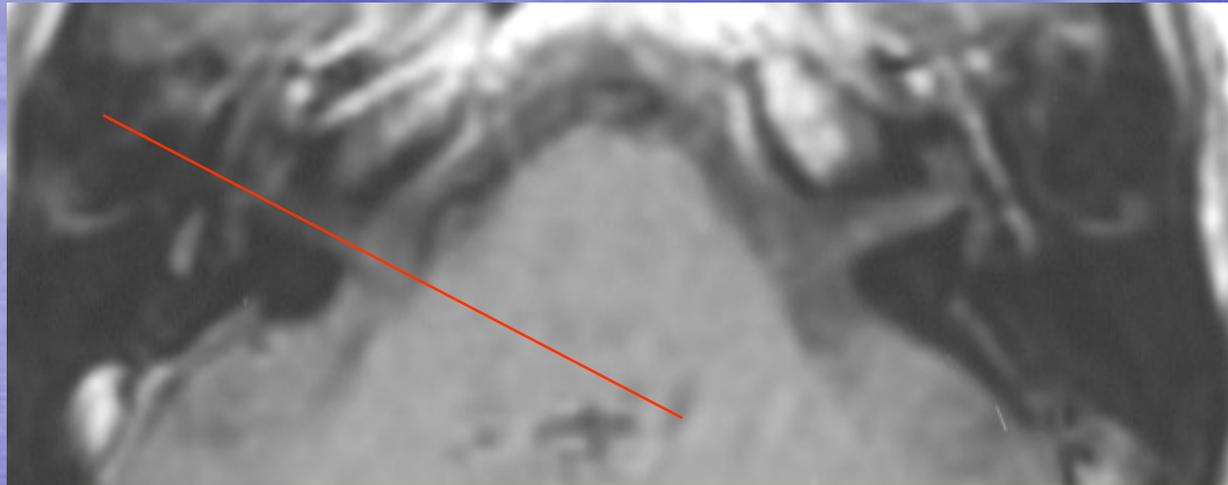
Piani assiali T1 a 3mm di spessore

# Tecnica di studio RM

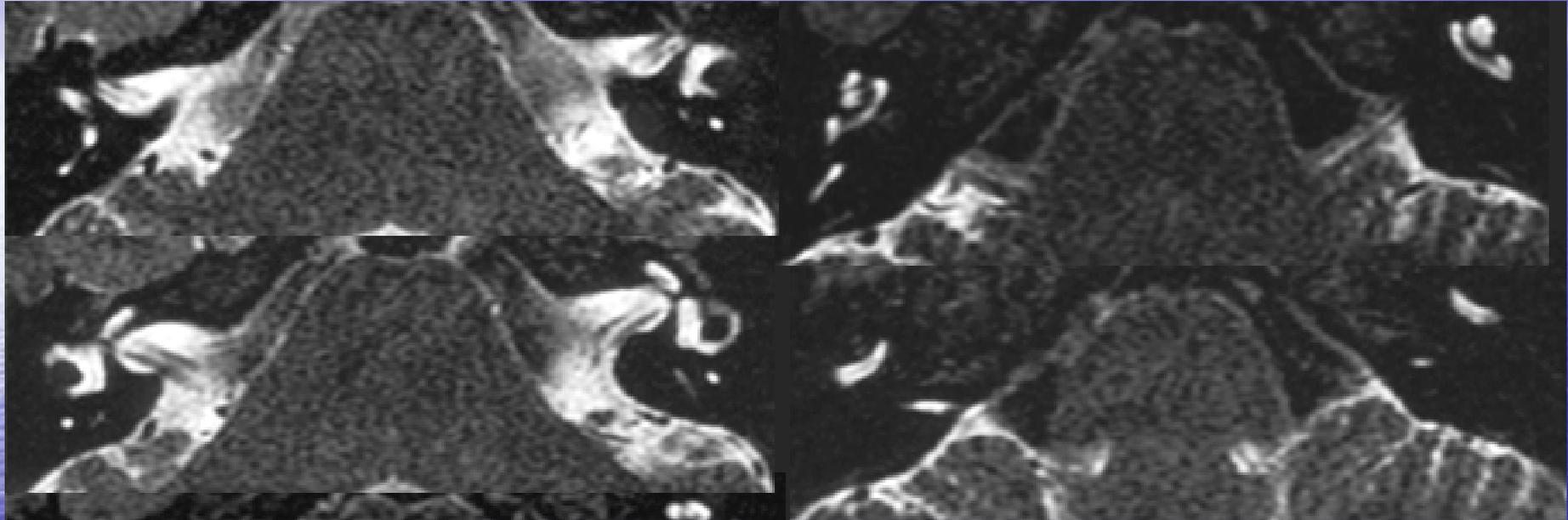


Piano sagittale sul CUI

# Tecnica di studio RM

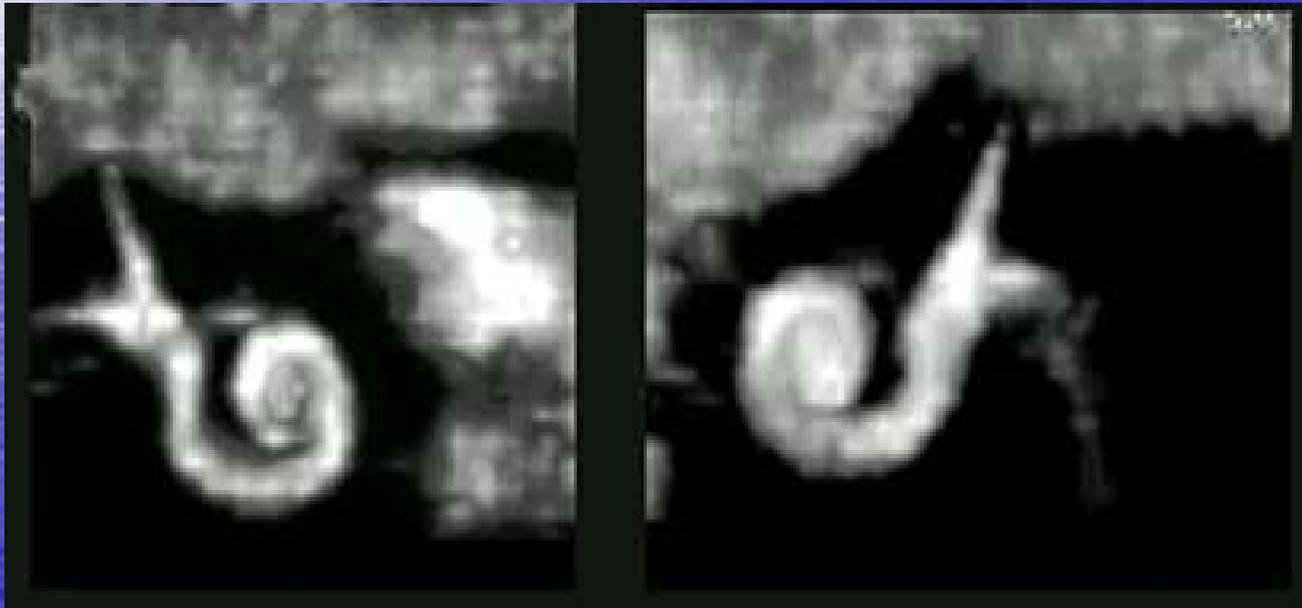
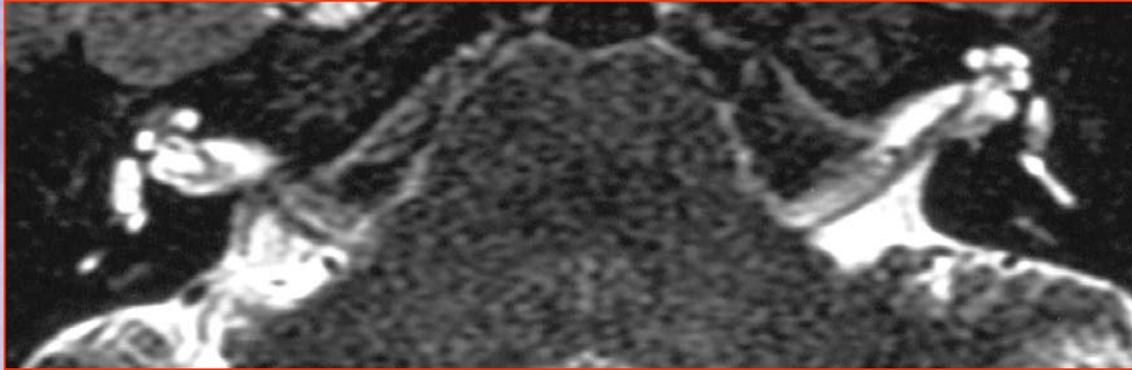


# Tecnica di studio RM

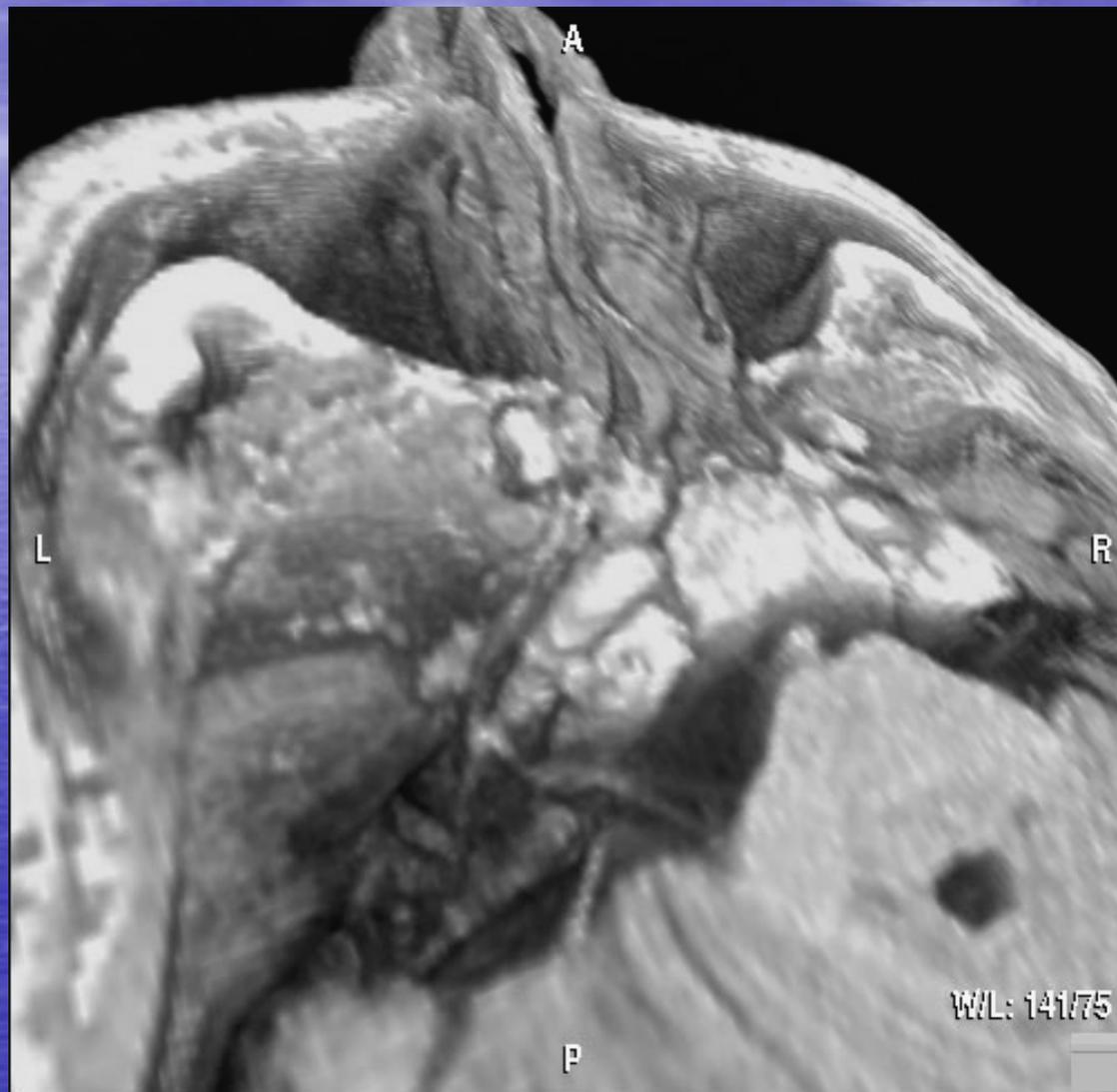


Acquisizione volumetrica

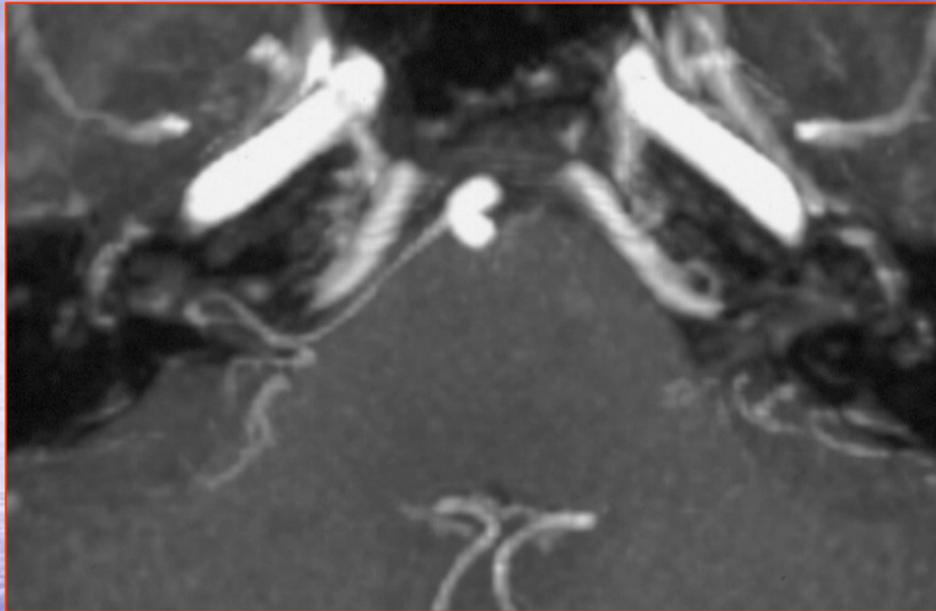
# Tecnica di studio RM



# Tecnica di studio RM



# Tecnica di studio RM



Angio-RM  
arteriosa



Angio-RM  
venosa