

# OUR INDICATIONS FOR THE SECOND LOOK IN CHOLESTEATOMA SURGERY

Abdelkrim HANANE, Chafik DJEBBAR, Hafidh CHALLAL, Ali SAHEB

ENT-HEAD AND NECK SURGERY DEPARTMENT, NEDIR MOHAMED UHC, TIZI OUZOU, ALGERIA

## Introduction

The treatment of chronic cholesteatomatous otitis media is surgical. Complete eradication of the lesions is often incomplete in digitiform and/or diffuse cholesteatomas, hence the interest of a second look [1].

## Objectives

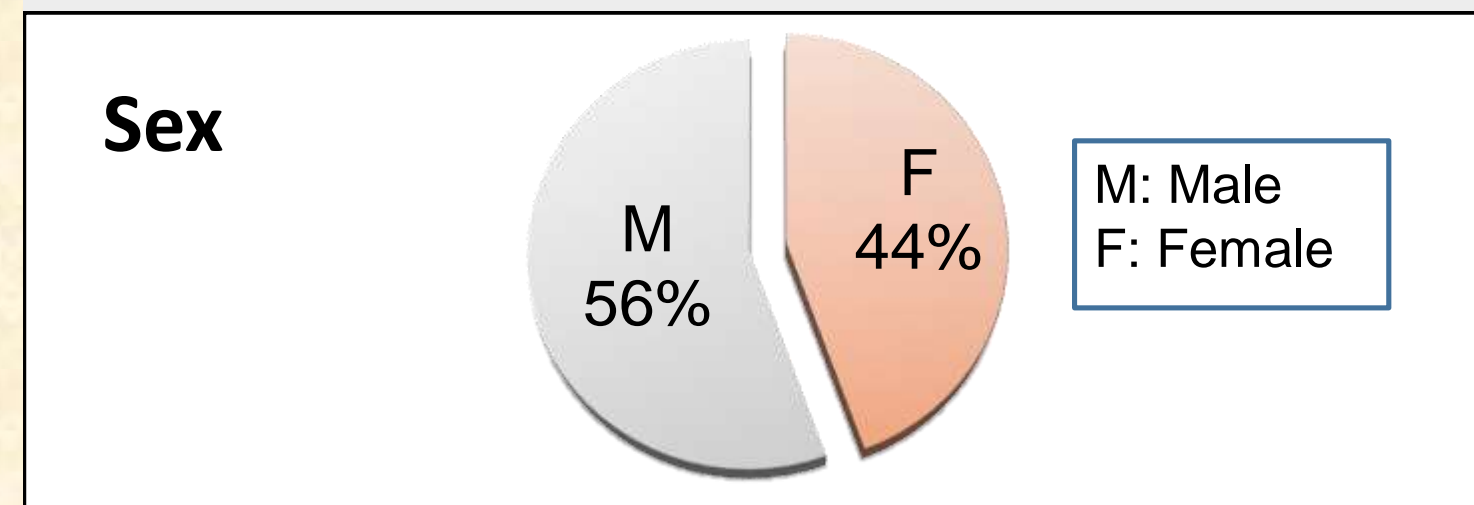
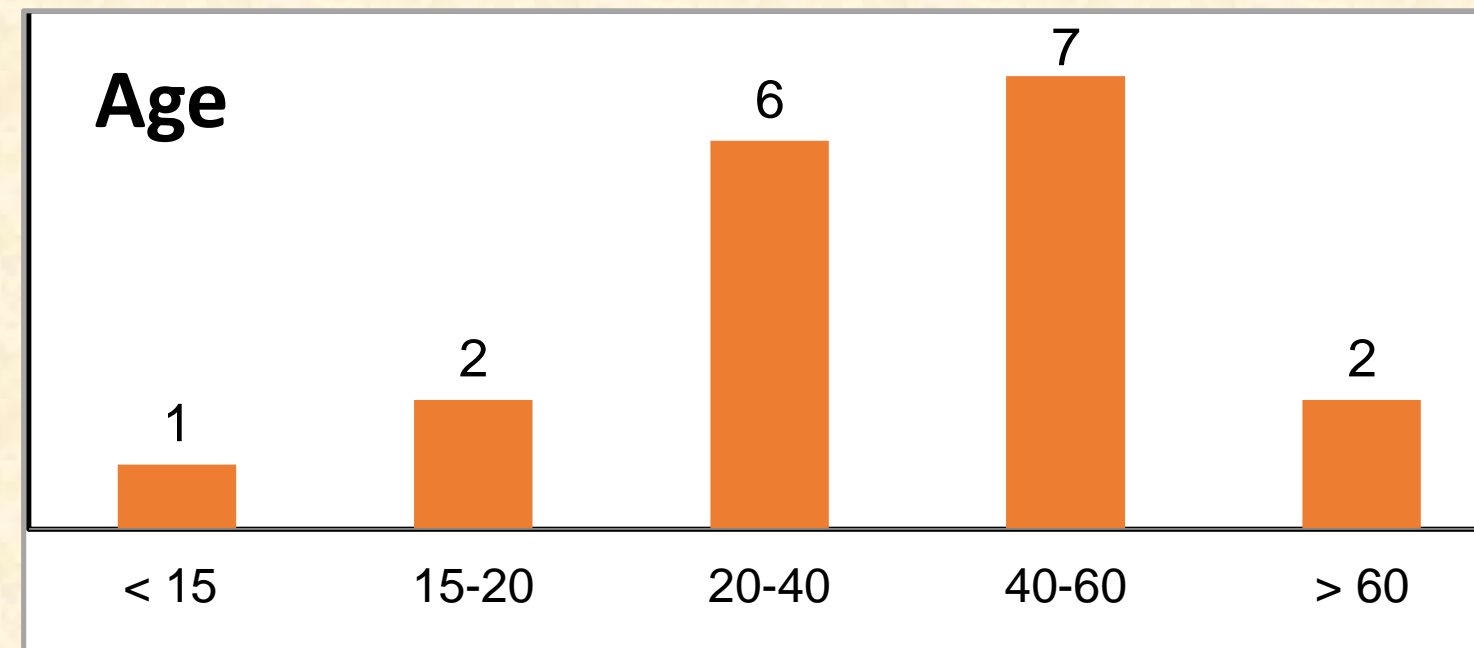
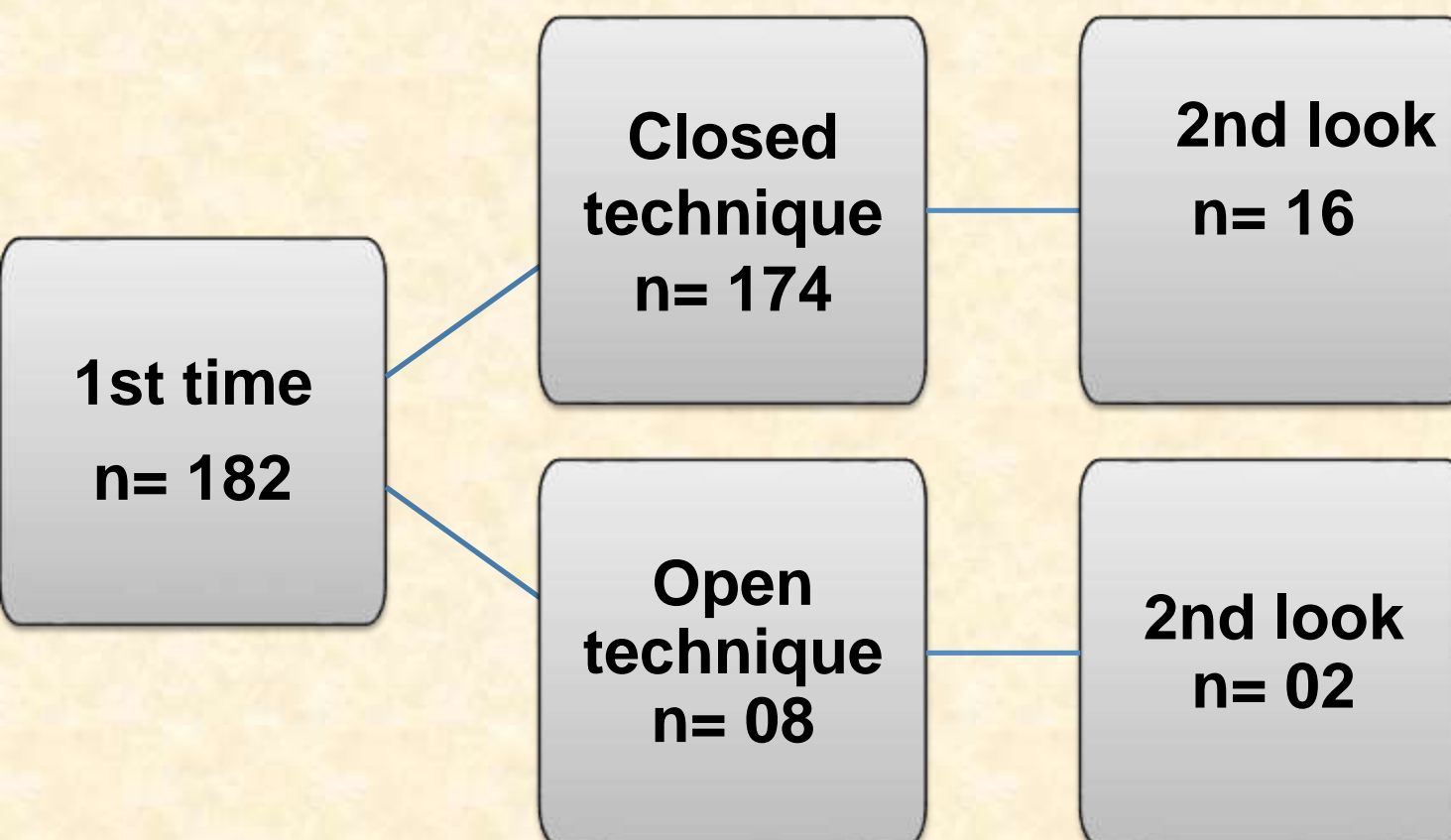
Define the indications for the second look in the management of residual cholesteatomas.

## Materials & Methods

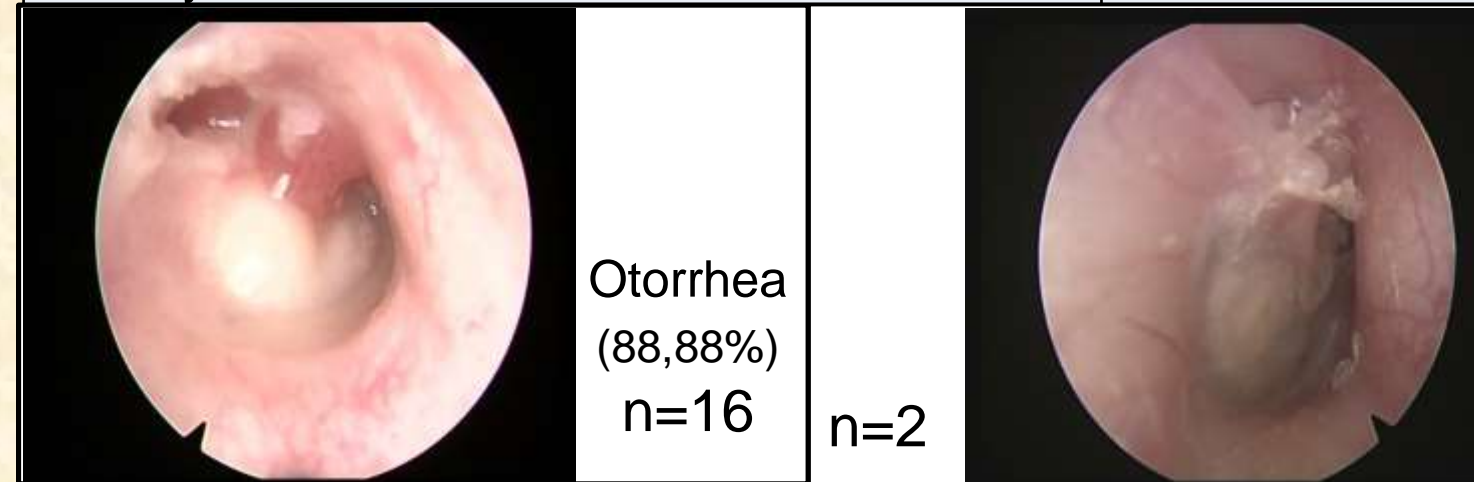
182 patients collected between 2015 and 2019.

## Results

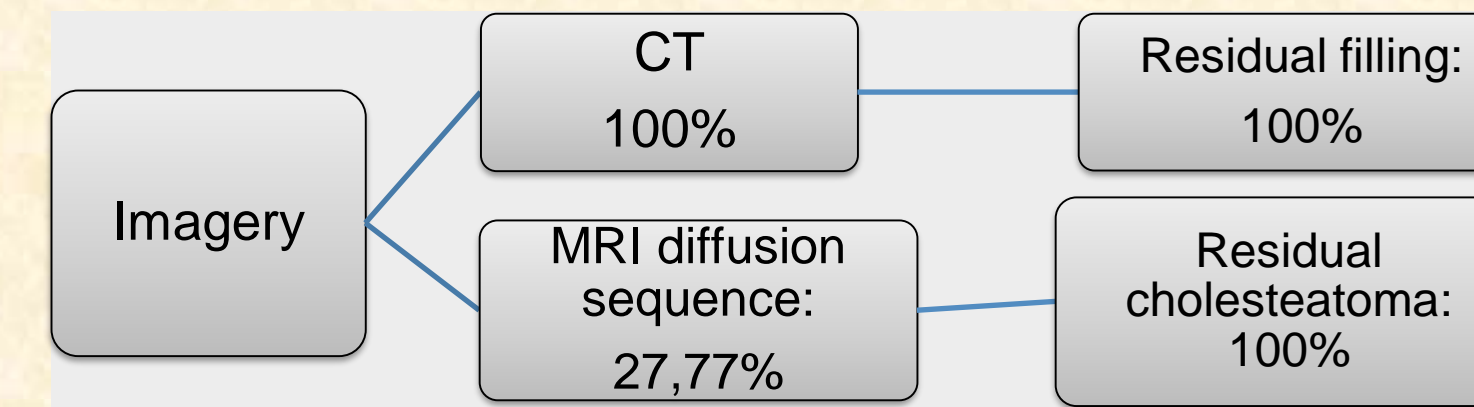
The second look is achieved in nearly 10% of cases.



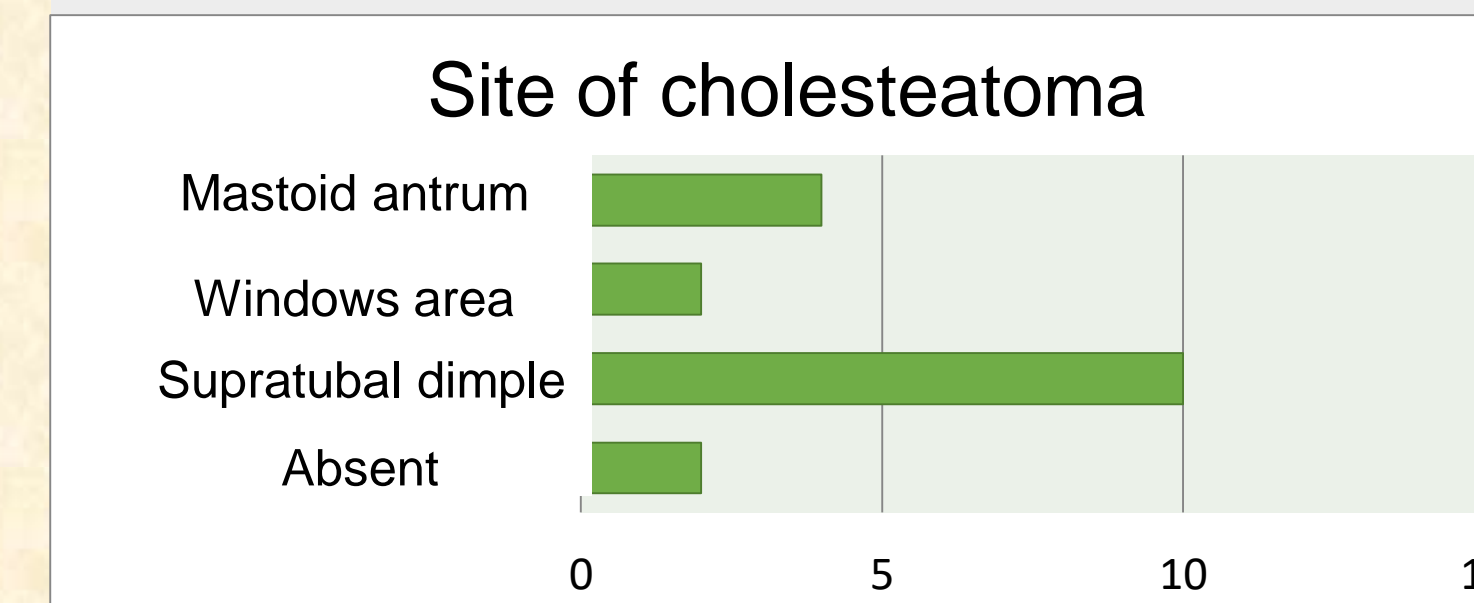
Symptoms	%
- Otorrhea	88,88%
- Vertiginous crisis	11,11%
- Peripheral facial paralysis	11,11%
- Retroauricular fistula	11,11%
-Any	11,11%



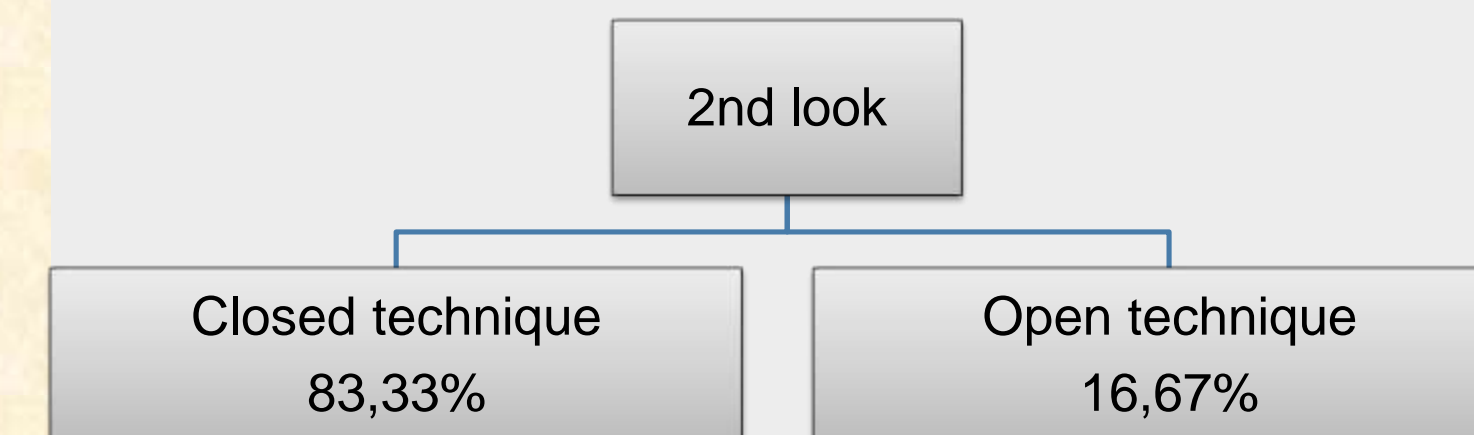
Type of deafness	%
- Conductive hearing loss rinne 40dB	27,78%
- Mixed deafness	55,55%
- Sub cophosis	16,66%



## Per-operating findings



Remains of ossicles	78.78%
Missing ossicles	22.22%
Labyrinthine fistula	33.33%
Facial nerve denudation	33.33%



## Discussion

In our series, we find the existence of a residual cholesteatoma in the absence of any clinical symptoms in 11.11% of cases. We also note the absence of cholesteatoma despite a suggestive image on computed tomography in 02 patients. MRI is the only examination that has been able to positively diagnose residual or recurrent cholesteatoma n= 05 patients.

- ~ ~ Our operative indications are:
- Otorrhea, vertigo, peripheral facial paralysis, postoperative hypoacusis [2].
  - Audiometry: modification of Rinne [2].
  - Image suggestive on CT and/or MRI [3] [4].

## Conclusion

The second look is no longer systematic. MRI helps refine the indications for surgery. The presence of a residual cholesteatoma does not require the practice of an open technique. A third operating stage remains possible.

## References

1. Chirurgie des cavités postérieures de l'oreille moyenne et antroatticotomies P Bordure O Malard
2. L'otite chronique philippe romanet, jacques magnan, christian dubreuil, patrice tran ba huy.
3. Middle ear and mastoid surgery Rex S. Haberman II
4. Predictive validity of MRI in detecting and following cholesteatoma Milan Profant • Katari'na Sla'vikova´ • Zuzana Kaba'tova´ • Peter Sleza´k • Iveta Waczuli'kova