

INTRODUCTION

- Tuberculosis otitis media is a rare cause of chronic suppurative infection of the middle ear with non specific clinical symptoms
- An extra-pulmonary manifestation that should be suspected in all cases of chronic otitis media unresponsive to conventional treatment particularly in endemic areas

OBJECTIVE

To report a case of tuberculosis otitis media

METHODS

We report a case of tuberculous otitis media treated in our ENT department

RESULTS

Age	22 months
Medical Background	Immunoglobulin G deficiency and a dragging pneumopathy
Symptoms	Febrile left mastoid swelling
Otological examination	Inflammatory mastoid swelling An auricle detachment A fall of the posterior wall of the external auditory canal A complete and inflammatory tympanum
The temporal CT scan	A bilateral filling of the cavities of the middle ear On the left side: a lysis of the tympanal bone and the temporal scale with a spontaneous antrotomy
The Temporal MRI	A bilateral inflammatory filling of the middle ear complicated with a collection of left external soft temporal parts

RESULTS



Fig1 : Bilateral filling of the cavities of the middle ear. Left side: the temporal scale with a spontaneous antrotomy

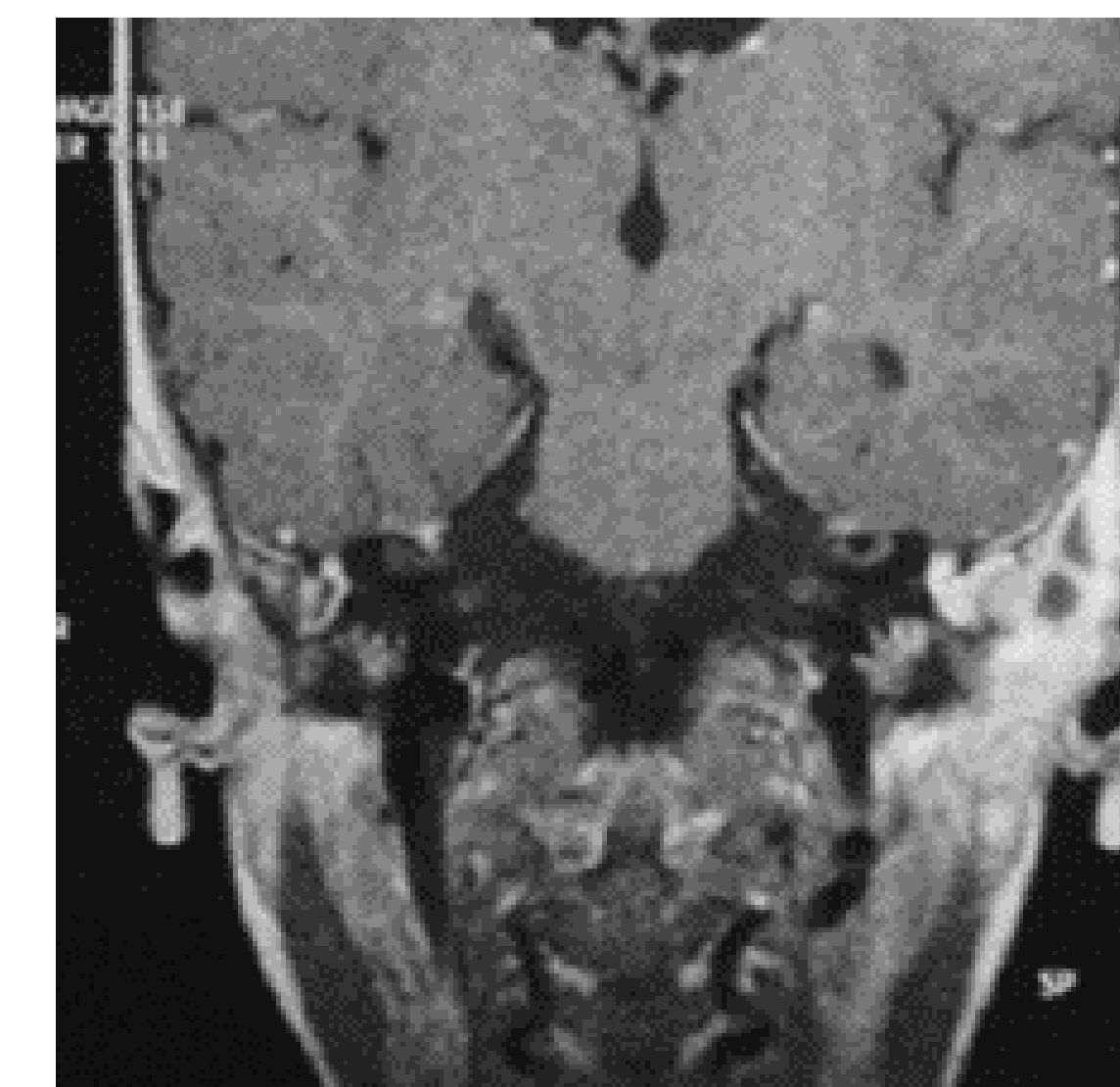


Fig2: Temporal MRI showing a bilateral inflammatory filling of the middle ear complicated with a collection of left external soft temporal parts

> Surgical drainage of the retro-auricular collection with a curettage of the osteitic lesions of the mastoid

The anatomopathological study: caseo-follicular tuberculosis

. -> Pneumopathy were correlated to pulmonary tuberculosis despite a negative culture of the sputum.

The patient received an anti-tuberculosis drug treatment for 9 months with a favorable evolution

CONCLUSION

- Importance of the differential diagnosis of granulomatous diseases of the middle ear when there is refractoriness to the treatment of chronic otitis media.

REFERENCES

1-Sousa AA, Porto C da CS, Lourençone LFM. Tuberculous otitis media case report: Clinical manifestation, evaluation and management. *Acta Oto-Laryngologica Case Reports*. 31 déc 2023;8(1):144-8.