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RHINOLOGIE ET ALLERGIE

Oncocytic Metaplasia Of The Nasopharynx: Rare Case Report

J. De Matos Carvalho [1], G. Pedrosa [1], C. Marinho [1], G. Perry Da Câmara [1], D. Raposo [1], F. Freire [1].
[1]ULS Amadora Sintra - Amadora (Portugal)

Introduction

Oncocytic changes in the epithelium are the result of an increase in **mitochondria** in the cytoplasm, giving the appearance of basophilic cells. There are many lesions in the head and neck with oncocytic changes, most related to the thyroid and salivary glands. Rare cases of nasopharynx oncocytic lesions have been reported, namely nasopharynx oncocytic cists and melanotic oncocytic lesions. Most of these changes in the nasopharynx are benign, asymptomatic, and may cause eustachian tube dysfunction.

Results and Discussion

16 years
History of **roncopathy, nasal obstruction and hypoacusia in the last 1 year**.
Physical Exam: Adenoid hypertrophy & Otitis media with effusion

1^{st} Surgery: Adenoidectomy and grommets.
1st year of follow up > grommets expulsion and maintenance of otitis media with effusion
2^{nd} Surgery: 2^{nd} pair of grommets and adenoidectomy revision
Mucosa of nasopharynx had a papillary appearance

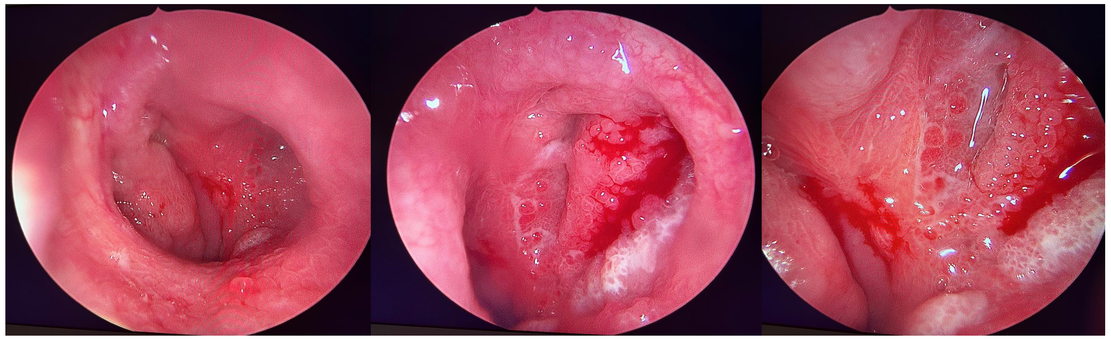

Fig.1 Nasal endoscopy showing papillary appearance of the mucosa of the nasopharynx

Pathology Results: **Non-melanocitic oncocytic metaplasia** of the nasopharynx.
No displasia ou infiltration noted.

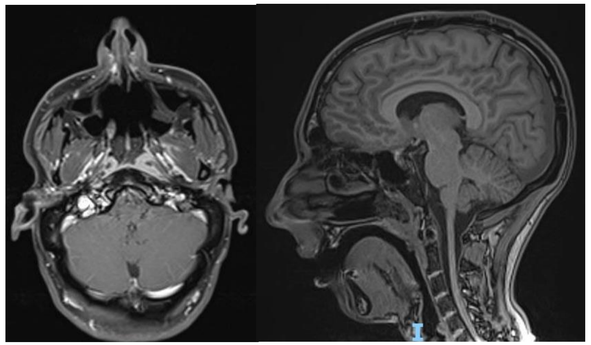

Fig.2 Axial and sagital views of T 1 MRI

MRI of the nose and paranasal sinus did not show any abnormality of the nasopharynx.
Since the nasopharynx was heavily involved, it was decided to have active vigilance. It's been 4 years since it was diagnosed, symptoms have been limited to nasal obstruction and hypoacusia and managed conservatively with topical treatments and long-term grommet insertion.

Conclusions

Oncocytic metaplasia of the nasopharynx is a **benign** condition within a large spectrum of oncocytic lesions of the head and neck. Since there is little information on this condition, it must be carefully monitored, and its symptoms must be managed conservatively.

References

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