

# RARE CASE OF AN INTRAPAROTID MUCOUS RETENTION CYST IN AN INFANT PATIENT.

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## INTRODUCTION

Mucocoeles can be defined as benign lesions that have resulted from extravasation or retention of saliva in the extraglandular spaces. Although they are common in minor salivary glands, they rarely appear in the major salivary glands. Intraparotid cystic lesions are uncommon, especially in children [1]. The clinical diagnosis of a parotid cyst can be difficult, and several differential diagnoses must be considered. [2]

## OBJECTIVE

Describe an unusual case of an intraparotid mucous retention cyst in an infant, as well as an updated review of the literature on this uncommon clinical presentation.

## CASE REPORT

3-year-old: girl patient. Clinically an asymptomatic, mobile, fluctuant mass was seen in the left parotid region, with no signs of inflammation, undefined time of progression. Fig. 1

### TOMOGRAPHIC IMAGE

5 cm cystic-like lesion could be seen in the superficial lobe of the left parotid gland. Fig 2.

We proceeded to using a modified Blair transfacial approach with extracapsular dis-section, we resected the intraparotid lesion completely.

### EXCISIONAL BIOPSY

Cystic cavity in the center, surrounded by serous acini on the periphery. Fig 3.



FIG. 1

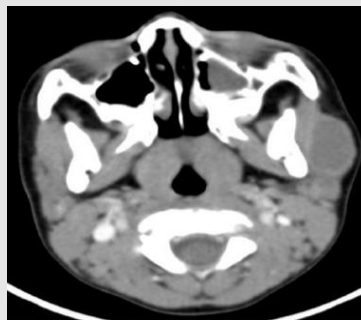


FIG. 2

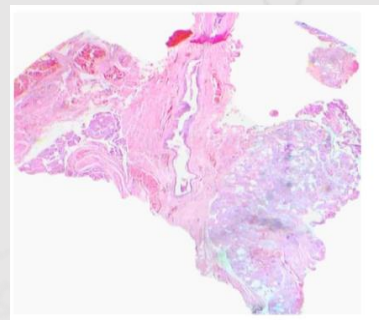


FIG. 3

1. Clinical image of the lesion with the flap design drawn on.
2. Computed tomogram of the patient showing a homogeneous, well-circumscribed, cystic-like lesion in the superficial lobe of the left parotid gland.
3. Photomicrograph showing a cystic cavity in the center, surrounded by serous acini on the periphery

## CONCLUSION

The most acceptable method of management has proven to be the excision of parotid cysts with a sufficient margin of normal tissue (whilst maintaining the integrity of the facial nerve and Stensen's duct), The management of swellings in the parotid region in children requires careful evaluation due to the high incidence of malignant lesions in this type of case. However, as our patient has shown, several differential diagnoses, such as mucous retention cysts, must be considered, even though there is little information about them in the literature.

THE AUTHORS DECLARE THAT THEY HAVE NO CONFLICTS OF INTEREST