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Case Report

Rare Case of Large Nasolabial Cyst Excision

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Nasolabial cyst is non odontogenic cyst, 90% unilateral, 10% bilateral. Theories of original are:

1. Epithelial remnants of nasolacrimal duct.
2. Embryological detention from effusion of the epithelial of medial and lateral frontonasal process with maxillary process.
3. Possible trauma accelerating its formation.

Our case: 50yrs old female presented with 12 months of slow asymptomatic swelling under left upper lip became tender for the last 2 months, with increasing of nasal obstructions in the same side.

Symptoms/ Signs of nasolabial cysts: few cases are asymptomatic, most are presents:

1. Partial nasal obstruction 62.5%
2. Localised swelling in the nasal vestibule 50%.
3. Painful swelling (when infected 25%.

Diagnosis: MRI, CT scans (rounded homogeneous low density soft tissue.

Treatment: surgical excision

Trans nasal endoscopic marsupialization

PROS: Less pain, local anaesthesia.

CONS: small opening, fewer complications, recurrence.

Sublabial surgical excision.

PROS: effective method, faster recovery, can be done under GA, LA.

Check the video for complete case: <https://youtu.be/a1eLlclXTuo>

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Conclusion:

Nasolabial cysts are rare embryogenical cysts mostly at females at 50's, treatment of choice is surgical excision.

Keyword: nasolabial cyst is rare non odontogenic cyst,

References:

D M. Shuman. WD Klestand



Medtronic