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DHWANI

Official Newsletter from the Department of E. N. T.

Adichunchanagiri Institute of Medical Sciences

From the Editor's desk

At the outset, let me convey my greetings from the E.N.T. Department. We are happy to present you with our latest newsletter, "Dhwani" and are very happy to present it to you. We welcome your valuable suggestions to help us to improve upon it in the future editions.

We would like to express our gratitude to the Principal, Dr. M. G. Shivaramu for inspiring us with his encouragement.

I would like to thank my colleagues and postgraduates in the department for their support and contributions in bringing out this newsletter.

Dr. G. C. Ravi

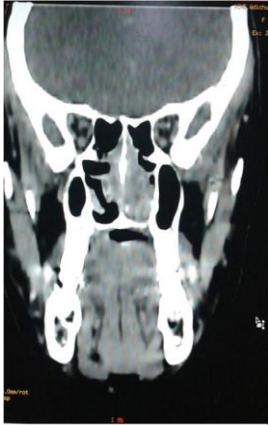
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Interesting Case Reports

1. A rare case of mucoepidermoid carcinoma of the nasal septum -

Dr .PRAGATHI B S(Post graduate), Dr .RAVI K S(Asst professor)

(Dr .Kishore Chandra Prasad gold medal for best PG case report).



CT PNS



Before surgery



After surgery



Follow up

ABSTRACT

Introduction-Mucoepidermoid carcinoma is the most common malignant neoplasm of the salivary glands, arising from the main ductal cells of salivary glands. Most commonly seen in parotid gland. It also occurs in the minor salivary glands of air passages .They are very aggressive tumours with poor prognosis. Nasal location of the Mucoepidermoid carcinoma is extremely rare.

Keywords-

Mucoepidermoid carcinoma, Nasal obstruction, Epistaxis, Nasal septum, Surgery, Radiotherapy.

Objective-

To report a case of Mucoepidermoid carcinoma arising from both sides of nasal septum-including its examination, diagnosis, treatment and post operative follow-up.

Case report-

A 55 yrs old female came to our OPD with complaints of bilateral nasal obstruction since 6 months ,epistaxis on and off since 2 months. On examination, a mass in both nasal cavities originating from septum in its posterior 1/3rd is seen. Biopsy revealed as a –low grade Mucoepidermoid carcinoma. The tumor was surgically removed with endoscopes. We obtained remission of symptoms and without subsequent recurrence.

Conclusion-

Nasal masses should be studied with imaging and Histopathological examination. Treated with surgery with or without radiotherapy according to the grading of tumor.

2. A Rare case of Lipoma involving the Deep Lobe of the Parotid Gland -

Dr Mridula Rao(Senior resident)

A 55 year old female patient presented with swelling in the right side of face since 6 years. On examination the swelling was situated in the right parotid region and was soft, non-tender, ovoid & measuring about 5x6x2 cms, with smooth surface & well defined margins. It was extending superiorly 1 cm below the tragus to 4 cm below the ear lobule inferiorly, anteriorly from 3 cm in front of the angle of mandible upto the sternocleidomastoid posteriorly.



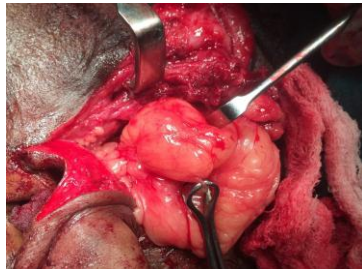
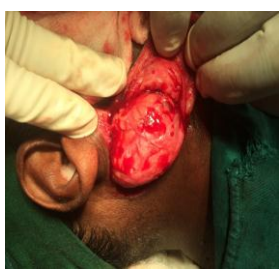
Ultrasound of the parotid gland revealed elliptical mass parallel to the skin surface that is hypoechoic and contained linear echogenic lines at right angles to the ultrasound beam involving the whole of the deep lobe of the parotid gland. FNAC showed mature adipocytes suggestive of lipoma.

DIFFERENTIAL DIAGNOSIS

1. Warthins tumour
2. Pleomorphic adenoma
3. Lipoma
4. Branchial cleft cyst

SURGICAL MANAGEMENT

Total conservative parotidectomy was done using the modified Blair incision.



DISCUSSION

- 13% of Lipomas arise in the Head and Neck with the posterior neck in the subcutaneous plane , being the most common subsite.
- Lipomas of parotid gland are rare (0.5 to 4.4 % of all parotid masses).
- Radiographic imaging and FNAC help in diagnosis.

CONCLUSION

- Intraparotid lipomas require standard parotidectomy procedures
- Lipomas of the parotid gland especially those originating in the deep lobe of the parotid require careful identification and preservation of the facial nerve and its branches.
Difficulty may be encountered in identifying the main trunk of the facial nerve as deep lobe lipoma may push the nerve superiorly.

PUBLICATIONS

- The clinical enigma of a Midfacial Destructive lesion – Scholars Journal of Medical Case Reports.2016;4(10):701-703.(Dr. Nitha)
 - Efficacy of partial inferior turbinectomy in the treatment of inferior turbinate hypertrophy. Scholars Journal of Applied Medical Sciences (SJAMS) 2016 (Dr. Vinay .S. Bhat)
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WORKSHOPS / CONFERENCES ATTENDED BY STAFF & POST GRADUATES

- 1) Endoscopic sinus surgery surgery workshop, AJIMS Mangalore 2016 (Dr. Satish Kumar)
 - 2) 6th Basics in FESS and Micro Ear Surgery Workshop at Madhumani Nursing Home, Nandyal in July 2016.(Dr. Nitha)
 - 3) 34th AOIKCON State Conference at SIMS, Shivamogga from 8 to11 September,2016.(Dr. Vijayendra Simha, Dr. Mrudula, Dr.Nitha, Dr. Pragathi ,Dr. Kanithavalli)
 - 4) 59th Temporal Bone Dissection Workshop at Madras ENT Research Foundation, Chennai in November,2016.(Dr.Pragathi, Dr. Ravishankar ,Dr. Kanithavalli)
 - 5) Cadaveric demonstration of FESS – Mandya medical college Nov 2016- (Dr.Vijayendra Simha , Dr. K.S.Ravi , Dr. Nitin , Dr, Soorya Dr. Ravishankar , Dr. Kanithavalli, Dr. Kiran & Dr. Sathiyamoorthy
 - 6) Dr. Ravi G.C., Prof & H O D, was the subject expert for E N T, and Coordinator in the “ **MBBS curriculum designing project**” of **R G U H S**, held in September 2016.
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JAI SHREE GURUDEV

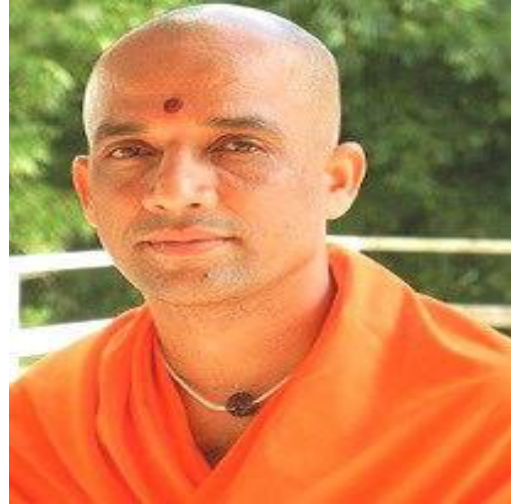


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