

NON-HODGKIN'S LYMPHOMA –THE ELUSIVE MIMICKER

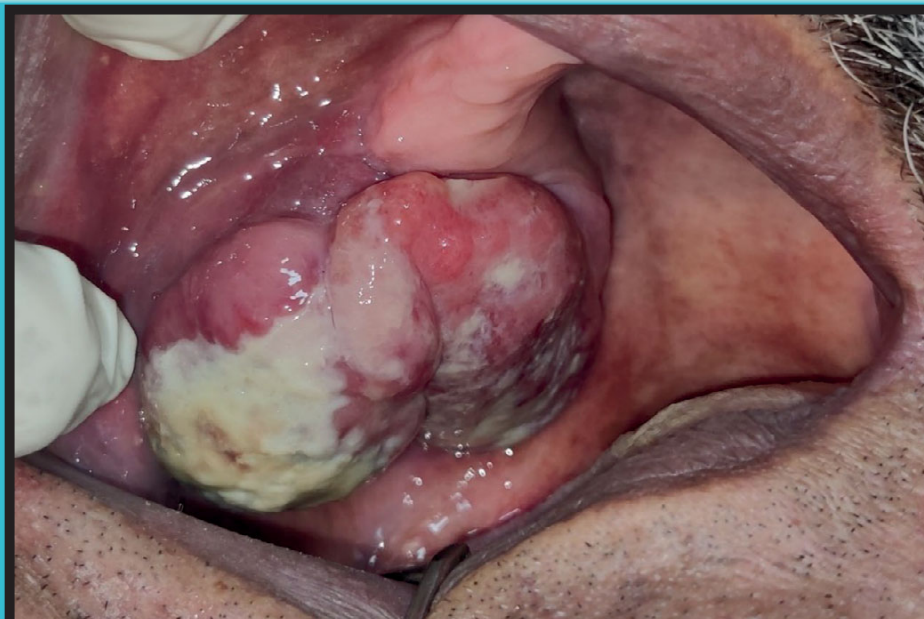
INTRODUCTION

- Non-Hodgkin's lymphomas of the maxillofacial region - uncommon
- MALES > FEMALES
- Average Age - 6th decade
- Common in HIV infected patients
- Common sites - the tongue, gingiva, hard palate, maxilla, mandible, Waldeyer's ring,

HISTORY AND EXAMINATION

- 72-year-old chronic smoker & alcoholic male
- Completely edentulous x10 years
- Swelling in the right (R) middle-third of the face x 1 month.
- History of epistaxis 2-3 times/ month, difficulty in breathing, and epiphora from right eye.
- Solitary, sessile, well-defined, firm, 5x3 cm proliferative growth on R maxillary alveolar ridge

P/D-Malignant growth involving right maxillary alveolus

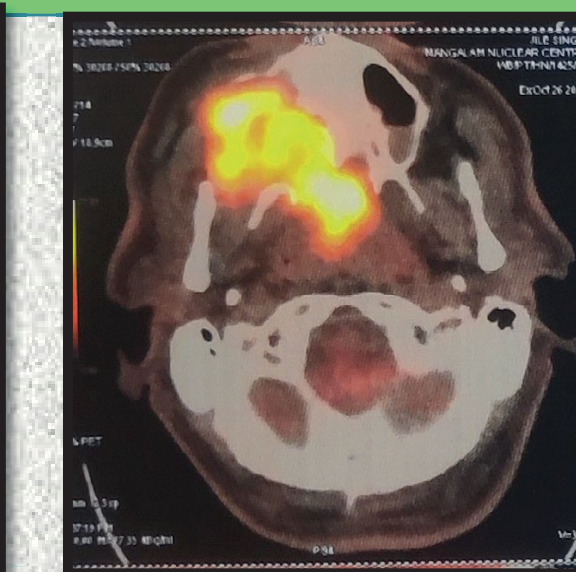
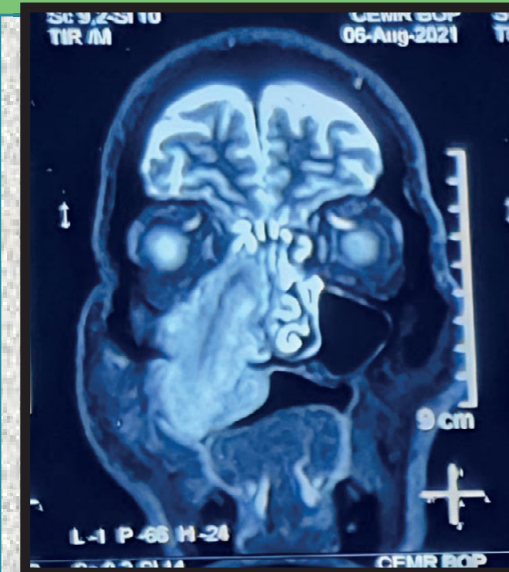


INVESTIGATIONS

FNAC - abundant collection of hyperchromatic polygonal cells

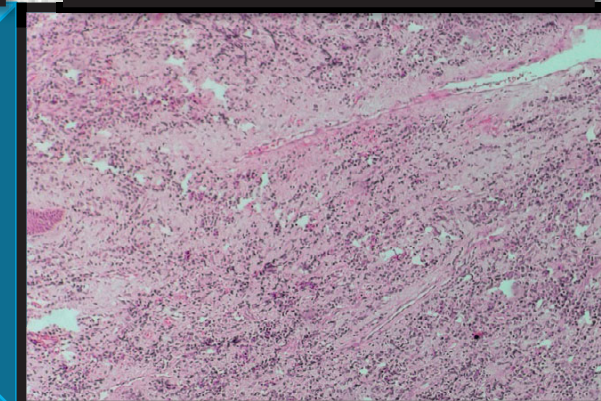
CE-MRI-Significantly enhancing hyperintense mass filling right maxillary sinus extending into masticator space, pterygopalatine fossa, nasal cavity, and ethmoidal sinus along with osteolytic changes.

PET scan –ill defined soft tissue density epicentered at R maxillary sinus, infiltrating adjacent soft tissue and spaces with multiple subcentimetric lymph nodes



HISTOPATHOLOGY

- Population of pleomorphic round cells in scattered foaming discohesive masses of tumor cells
- LCA- strongly positive
 - CD20- strong diffuse positive
 - CD99- focally positive



FINAL DIAGNOSIS- NON-HODGKIN'S B CELL LYMPHOMA

MANAGEMENT

Chemotherapy- 3 months:
Inj Cyclophosphamide 1000mg
Inj Doxorubicine 70 mg
Inj Rituximab 500mg
Inj Vincristine 2mg
Inj Dexamethasone 16 mg)
followed
by tab prednisolone 100mg



DISCUSSION

- B Cell Lymphoma is the most common & most aggressive lymphoid malignancy (68%)
- Average Age 66 years
- Women:men - 2:1 .
- 5-year survival rate -65% to 73%
- DEFFERENTIAL DIAGNOSIS - salivary gland malignancy, squamous cell carcinoma maxillary sinus pathology, melanoma, sarcoidosis

REFERENCES

- Mahmoud R. Hussein (2018): Non-Hodgkin's lymphoma of the oral cavity and maxillofacial region: a pathologist viewpoint, Expert Review of Hematology, DOI: 10.1080/17474086.2018.150632
- Silva TD, Ferreira CB, Leite GB, de Menezes Pontes JR, Antunes HS. Oral manifestations of lymphoma: a systematic review. *Ecancermedicalscience*. 2016;10:665. Published 2016 Aug 17. doi:10.3332/ecancer.2016.665