

A clinicopathological and immunohistochemical study of the calcifying epithelial odontogenic tumour (Pindborg tumour) in Malaysians

Type:

Article

Abstract:

We reviewed the clinicopathological characteristics of 13 cases of calcifying epithelial odontogenic tumour (CEOT) (Pindborg tumour) diagnosed in the Division on Stomatology, Institute for Medical Research, Kuala Lumpur, over a 29-year period. There were eight female and five male patients. These consisted of eight (61.5 per cent) Malays, three (23.1 per cent) Chinese, one (7.7 per cent) Indian and one (7.7 per cent) Melanau. Their ages at presentation ranged from 19-61 years (mean age, 31.8 years). There were 12 central and one peripheral CEOT. Of these, 76.9 per cent of cases were located in the maxilla, the remaining in the mandible. The commonest clinical diagnosis was a dentigerous cyst (66.7 per cent). Enucleation was the main mode of treatment. Histologically, sheets and strands of polyhedral epithelial cells containing eosinophilic, homogeneous globules with Liesegang rings were observed. One case also showed extensive calcification and clear cell differentiation. Immunohistochemistry revealed a variable keratin staining of the CEOT epithelium, confirming its heterogeneity.

Author	<ul style="list-style-type: none">• Ng, K. H.• Siar, C. H.
Source	Journal of Laryngology and Otology
ISSN	0022-2151
DOI	-
Volume (Issue)	110(8)
Page	757-762
Year	1196

Keyword:

aw neoplasms,odontogenic tumours,langerhans cells,cementum,Jaw neoplasms
Odontogenic tumours,adult,article,calcification,cell differentiation,clinical article
clinical feature,enucleation,eosinophil,epithelium cell,epithelium tumor
female,human,Malaysia,male,mandible tumor,maxilla tumor,odontogenic tumor
teratoma,Humans

Please Cite As:

NG, K. H. & SIAR, C. H. 1996. **A clinicopathological and immunohistochemical study of the calcifying epithelial odontogenic tumour (Pindborg tumour) in Malaysians.** *Journal of Laryngology and Otology*, 110, 757-762.

URL:

- <http://apps.webofknowledge.com> search via Accession No >>A1996VD25000011
- <http://www.scopus.com/inward/record.url?eid=2-s2.0-0029815316&partnerID=40&md5=b2451153d2994efec7c8eeb3b583866c>
- <http://www.ncbi.nlm.nih.gov/pubmed/8869610>