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Manuscript Type: CASE REPORT

Malignant pheochromocytoma with cerebral and skull metastasis: A case report and literature review

Chen JC *et al.* Malignant cerebral pheochromocytoma

Jun-Chen Chen, Dongzhou Zhuang, Cheng Luo, Weiqiang Chen

Abstract

BACKGROUND

Malignant pheochromocytoma with cerebral and skull metastasis is a very rare disease. Combining our case with 16 previous reports identified from a PubMed search, an analysis of 17 cases of malignant cerebral pheochromocytoma was conducted. This literature review aimed to provide information on clinical manifestations, radiographic and histopathological features, and treatment strategies.

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Delayed intracranial and bony metastasis of paraganglioma

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Only a few reports of intracranial metastasis for **pheochromocytoma** exist and to our knowledge, only two other cases of intracranial metastasis have been reported for paraganglioma.[4,8,14] Although Zhang et al. have reported a single **case** of intraparenchymal involvement of **metastatic** disease from a paraganglioma, our patient and all other ...

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Author: Andrew Yew, Won Kim, Sue Chang, Isaa...

Publish Year: 2011

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<https://onlinelibrary.wiley.com/doi/10.1002/ccr3.2990>

The most common metastatic sites of **malignant pheochromocytoma** are as follows: bone, intra-abdominal organs, lungs, and pleura. 5-13 Although **skull metastasis** is quite common, 2 there has never been a **reported case** of ocular muscle involvement as the initial presentation of **malignant pheochromocytoma**. The most similar **case** was **reported** by Scharf et al, which was a **case** ...

Author: Gholamreza Khataminia, Abdolhasa... **Publish Year:** 2020