

# 22<sup>nd</sup> GLOBAL ANNUAL ONCOLOGISTS MEETING

May 24-25, 2018 Osaka, Japan

## Ameloblastic carcinosarcoma in a 42 year-old female: A case report and literature review

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Ameloblastic or odontogenic carcinosarcoma is an extremely rare mixed malignant odontogenic tumor with only a handful of reported cases published. Histologically, it is characterized by a mixed atypical epithelial and mesenchymal component showing features of malignancy. It is assumed to arise from pre-existing lesions such as ameloblastoma, ameloblastic fibroma and ameloblastic fibrosarcoma. The aggressive clinical behavior of the tumor needs further understanding. The case of an ameloblastic or odontogenic carcinosarcoma in the mandible of a 42 year old female is described herein. The tumor involved the left mandible bony cortices and adjacent soft tissue structures. A surgical resection and reconstruction of the mandible as well as chemotherapy were done. This is the seventh case in literature of this rare tumor. The purposes of this case report are to distinguish it from related diseases and to discuss features of the tumor in the existing literature.

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