

## Local Treatment of Metastatic Squamous Cell Carcinoma of The Mandible Using for the First Time Cryosurgery

**Authors :** Wahid Terro, Miray Terro, Franco Lugnani

**Abstract :** Roughly 90% of mouth cancer is squamous cell carcinoma. Oral region metastases are considered uncommon. The most frequent sources of metastatic tumors to the mouth are primary cancers from the lung and breast with the latter being the most common site for tumors that metastasize to the jawbones. Treatment involves surgery, radiation, chemotherapy, or a combination of these. However, these treatment modalities entail severe aesthetic and functional side effects. This article aims to present an alternative and unprecedented treatment modality for metastatic mandibular bone carcinoma - Cryosurgery. A 37-year-old female patient presented with gradually increasing pain over several weeks whose radiological tests revealed a formation of mass in the left mandibular ramus. A biopsy obtained by bone puncture of the ramus was reported to be metastatic breast squamous cell carcinoma. The patient has been successfully treated without esthetic and functional side effects by using for the first-time worldwide cryosurgery. We conclude that it is value promoting this method for current and future use.

**Keywords :** carcinoma, mandible, metastasis, breast

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