INTRODUCTION

Myxomas are rare benign mesenchymal tumors, made up of undifferentiated star-shaped cells in mucoid matrix. Usually, its fibrous capsule is incomplete and infiltrates the adjacent tissue. It may involve the heart, bones, skin, aponeurotic and muscle-skeletal tissues. They rarely involve the head and neck, but rather the mandible and maxilla. They have slow and symptomatic growth patterns; however, they are locally invasive and can grow to significant proportions. The enlargement of the affected region is frequently the reason for the patient to look for medical help. Tooth mobility can be seen and arises from alveolar changes.

This neoplasia is more frequent among young patients, those between 10 and 29 years, being rarely found in individuals below 10 years of age. There is a mildly higher prevalence in women, in a 1.75:1 ratio. Contrary to what happens to most benign tumors, myxomas are not encapsulated and their apparent clinical and radiological limits may not represent their true limits seen upon histology.

Differential diagnosis must be made between: odontogenic fibroma, ameloblastoma, dentigerous cyst, fibrous dysplasia, giant cell central granuloma, osteosarcoma and chondrosarcoma.

Myxomas have a mean recurrence rate of about 25% and, the greater the surgical aggressiveness, the lower the recurrence rate. The post-operative follow up of these patients is indefinite, but recurrences happen more commonly in the first two years.

CASE PRESENTATION

A male, 1-year old patient, born in Salvador/BA, with a history of a progressive mass increase in the right mandible and left maxilla, since 15 days of life, already evolving with facial deformity.

Upon physical examination, the oral mucosa was intact; however, with extensive enlargement of the mandible on the right side, extending all the way to the subcondylar process, we found a slightly acidophil myxoid mass and rare spin-dle-shaped cells, or cells mildly star-shaped, picnotic, with areas of typical osteogenesis, extra-tumoral and normal hematopoietic marrow. Matching signs and symptoms of myxoma of uncertain biological behavior and neoplasia-free surgical margins.

The hemifacial reconstruction is planned for a second procedure, with associated oncologic dissection. (Figure 1)

DISCUSSION AND FINAL COMMENTS

Conservative treatment of myxoma (enucleation, curettage, radiotherapy) is indicated only in proximal lesions and vital structures; however, with high recurrence rates. Resection with proper margins is the treatment of choice to avoid recurrences. Craniofacial reconstructions with osteogenic distraction enable a more aggressive approach and, consequently, more curative for these lesions, with the advantage of enabling an adequate oncologic control, since they reduce the need for locoregional grafts.

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