

WHEN TO USE TRANSORAL OR EXTRAORAL APPROACHES FOR BENIGN TUMORS OF THE JAWS? DECISION ALGORITHM

Villarroel Ana ¹, Solano Nicolás ^{1,2}, Gutierrez Paulina ²,
Peraza Arianny ¹, Rios Elvia ¹.

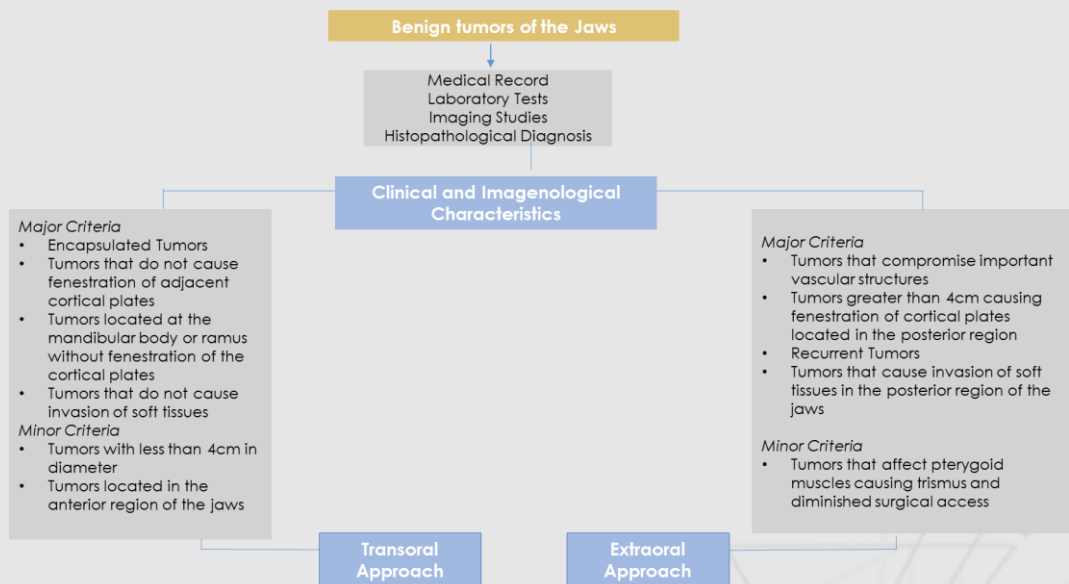
1. Oral Surgery Postgraduate Residency Training Program, La Universidad del Zulia, Venezuela.
2. Oral and Maxillofacial Surgery Unit, Hospital Coromoto. Venezuela.

INTRODUCTION

Benign tumors of the jaws represent a wide group of entities that can be classified as odontogenic or non-odontogenic depending on their origin. The objectives of an adequate treatment should be focused on curing the patient, conserving or restoring form and function, minimizing sequels and preventing recurrences^{1,2}. The surgical approach for the management of jaw tumors generally represents a challenge for the surgeon, due to the fact that, besides eliminating the lesion, it should allow for the subsequent reconstruction of the surgical defect.

OBJECTIVE

To create an algorithm for the selection of the ideal approach for benign tumors of the jaws based on the authors' experience and a literature review.



ALGORITHM FOR THE SELECTION OF THE SURGICAL APPROACH FOR BENIGN TUMORS OF THE JAWS

RESULTS

A total of 28 patients were included in the study
14 males (50%) 14 females (50%)

Studied tumors:

15 ameloblastomas (53.57%), 6 ossifying fibromas (21.42%), 3 odontogenic fibromixomas (10.71%), 2 giant cell central granulomas (7.14%), 1 adenomatoid odontogenic tumor (3.57%) and 1 hybrid odontogenic tumor (3.57%)

Approach used:

21 cases transoral (75%) 7 extraoral (25%)

Complications:

5 cases: 4 treated with a transoral approach (14.28%) 1 occurred with extraoral approach (3.57%)

CONCLUSION

Selection of a proper approach for benign tumors of the jaws is very scarce, many factors should be taken into account in order to choose the proper approach that allows the total elimination of the lesion as well as the subsequent reconstruction of the defect, minimizing the aesthetic and functional consequences.

THE AUTHORS DECLARE THAT THEY HAVE NO CONFLICTS OF INTEREST