



A Successful Management Strategy of a Giant Facial Arteriovenous Malformation

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Clinical Image

We report a case of a 28-years-old male, with no pathological history. The patient presented an enormous facial Arteriovenous Malformation (AVM) that evolved from his childhood (Figure 1A). The masse increased in volume rapidly in the last 3 months. We admitted the patient in our department for surgical management. After 2 years and 3 operations, the result was extraordinary and the patient is very satisfied.

Clinically the patient presented an enormous macroglossia (AVM of the tongue), deformation of his dental articulation and multiple AVMs located at the lower lip and the chin.

In the first surgical intervention, we had to perform a tracheostomy for intubation. Then we did a large resection of the AVM of the tongue and the lower lip. The tracheotomy was weaned 1 month after surgery.

The second intervention was one year after the first surgery, we performed a bimaxillary osteotomy.

The last surgery was 6 months later; we resected the AVMs of the chin and performed a commissuroplasty in the right side.

The follow ups were simple after every surgery. The result after one year of the last surgery is spectacular and the patient is very satisfied (Figure 1B).

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Received Date: 27 Apr 2022

Accepted Date: 10 May 2022

Published Date: 16 May 2022

Citation:

Bouchra D, Malik B. A Successful Management Strategy of a Giant Facial Arteriovenous Malformation. *Ann Plast Reconstr Surg.* 2022; 6(2): 1091.

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Figure 1: A) Preoperative picture showing the enormous facial AVM, B) One year after the last surgery.