

Short/high osteotomy of the mandible

Authors :

C.d'Hauthuille¹, L. Taiariol²



Institutions :

¹ Maxillo-facial surgery, private practice, Santé Atlantique, Nantes, France

² Maxillo-facial surgery, private practice, Hôpital privé du Confluent , Nantes, France

Abstract :

The short (or high) osteotomy was initially described in 1923 by Perthes and Schloessmann. The osteotomy site, supra-spinal, had the advantage of preserving the mandibular nerve but the disadvantage of presenting small contact surfaces. Other osteotomy techniques were then described (Obwegeser, DalPont, Epker). The current use of osteosynthesis plates and the development of counter-angulated screwdrivers (Friezemeier) have brought this old technique back into fashion. It has thus become reliable in orthognathic surgery and above all less invasive.

The authors will explain the advantages of the technique and the reasons why they changed their surgical practice. The surgical technique is detailed during the workshop, practical work will allow the participants to try the osteotomy and osteosynthesis technique on mandibular models.