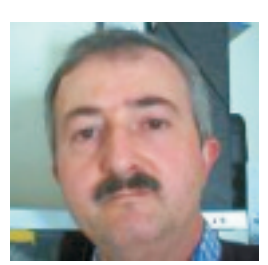


# Expansion Tissue and Other non Conventional Methods of Oral Maxilo-Facial Rehabilitation



Marinho, Jorge MD (\*)  
Leite-Moreira, João PhD, DDS (\*)  
Fonseca, Daniel MD (\*\*)

(\*) Stomatology Service Oncology Surgery Department  
Instituto Português de Oncologia

(\*\*) Medical Image Department  
Av Prof Antonio Bernardino de Almeida  
4000 - Porto • PORTUGAL

## Introduction

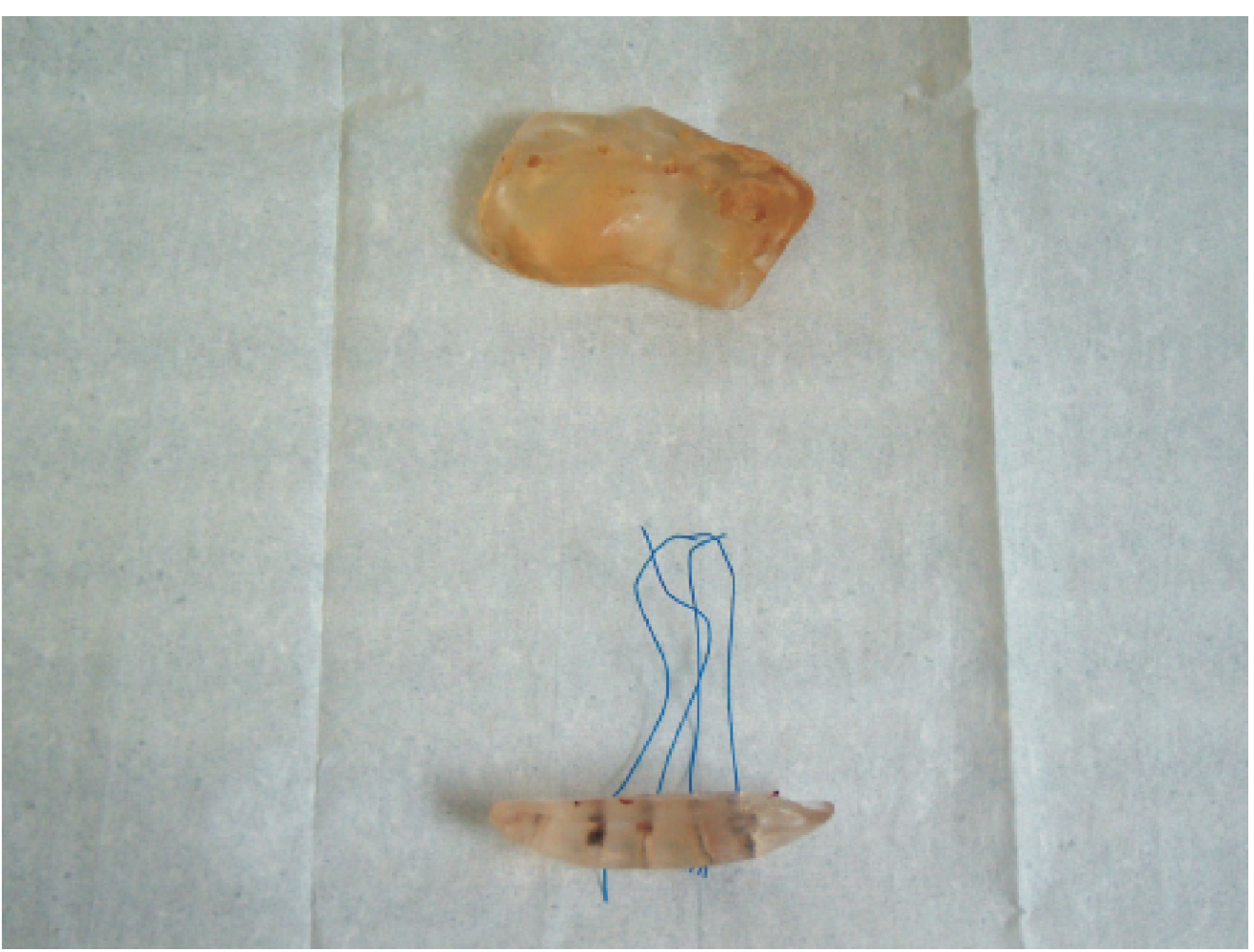
As data of the RORENO (Portuguese Northern Region Oncology Data Center) the malignant neoplastics of the region of the head and neck represent about 10% of the neoplastics observed in the Institution. Being the oncology surgery a highly mutilating procedure with few possibilities of surgical recovery, there's a significant group of patients who live longer needing prosthetic rehabilitation.

## Clinical case

Patient of 48 years of age, masculine sex, with diagnosis of Espinocelular carcinoma of the right side tongue's floor of mouth, operated in the University Hospital of "S. João", having effectuated exérese of 2/3 of the right body of tongue. (Visible squela of mandibule osteoradionecrosis).

## Clinical procedure

- 1 - Resolution of "anquiloglossia" by means of a debridation surgery with stabilization of the heale fase with an acrilc surgery ferula, computered design on a 3D workstation.
- 2 - Placement of 4 titanium Bränemark 15x4mm MKIV implants on maxila, and 3 similar, on the mandibule.
- 3 - After the osteointegration proceeds the fixation of the prosthesis.



## Conclusion

For the displayed, looking to the cosmetic result and the excellent retention of the auricular prosthesis, the rehabilitation of this patient contributed significantly to his social integration, with significant benefits of its psychological state.