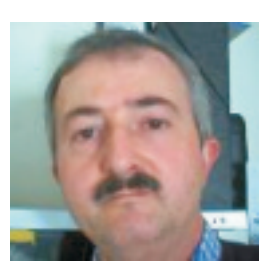


Ear Prosthesis Routine Procedure for Pavilion Lost



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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 55 years of age, masculine sex, with diagnosis of epidermoide carcinoma (ca) of the left auricular pavilion, operated in the Portuguese Institute of Oncology in Oporto, having effectuated total exérese of the auricular pavilion (fig. 1).

Clinical Procedure

Fixation of 2 extra-oral Bränemark implants of 04 mm of longitude in the retroauricular region (fig. 2). After the osteointegration of the titanium screws, proceeds the fixation of the prosthetic setting devices (fig. 3 and 4) to which follows the making of the auricular pavilion prosthesis, in silicone (fig. 5 and 6).

Discussion

The prosthetic reconstruction of the auricular pavilion presents considerable advantages in relation to the surgical reconstruction, of which the most important are:

- lesser number of surgical interventions;
- lesser complexity of the surgical intervention;
- better cosmetic result;

As main disadvantage there's the fact that the prosthesis can be removable; In relation to other prosthetic solutions the use of osteointegrated implantes presents the great advantage of being the solution that offers greater security in relation to the retention of the prosthesis.

The main disadvantage will be the higher cost and the fact that demands surgical intervention for the fixation of the implants.

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.



Figure 1

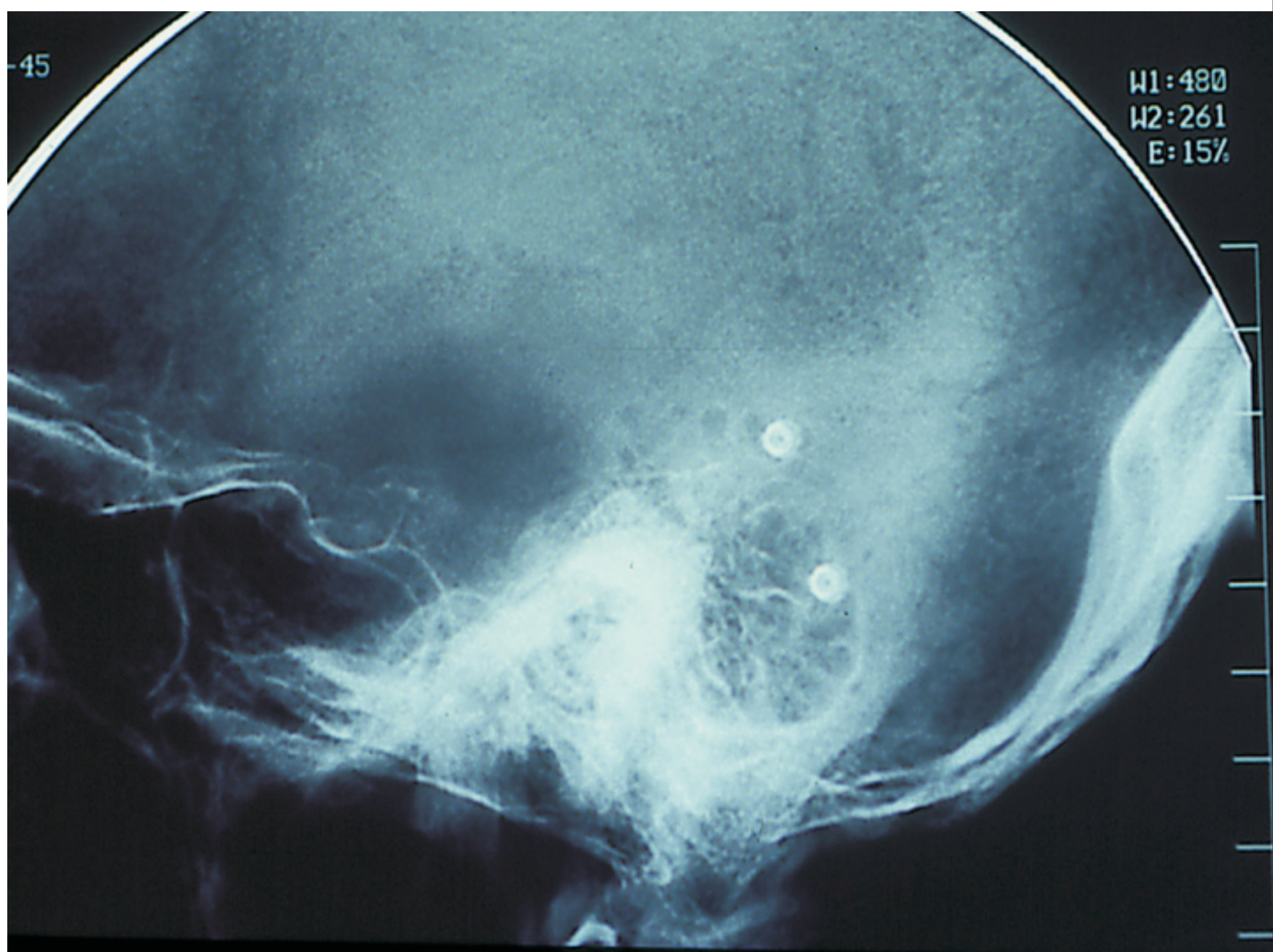


Figure 2



Figure 3



Figure 4



Figure 5



Figure 6

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