



CASE 40

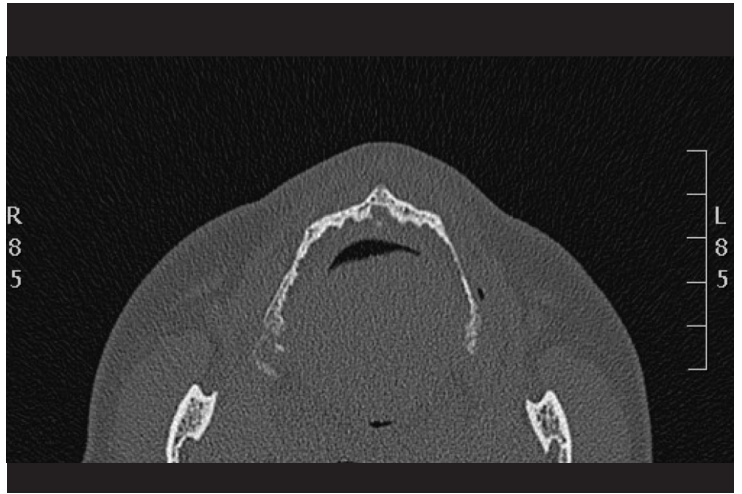
Cirurgião: Ulf **NANNMARK**

Diagnóstico: Augmentation of severely resorbed alveolar crests with bovine bone blocks before implant SWE placement

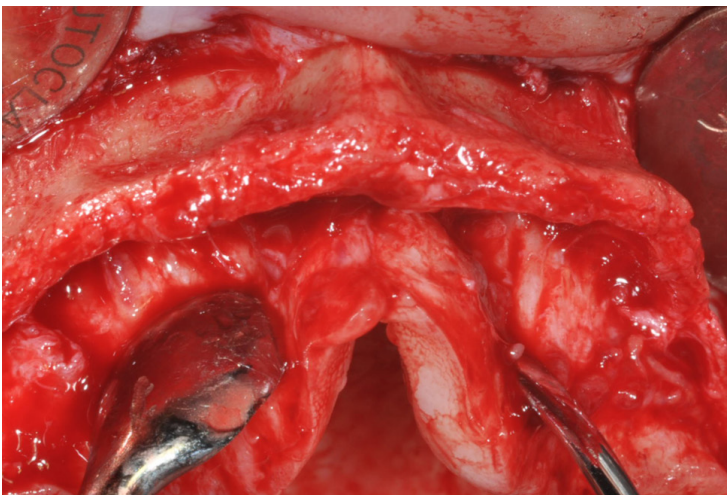
Paciente: 45-year-old female presented with a extremely thin crest



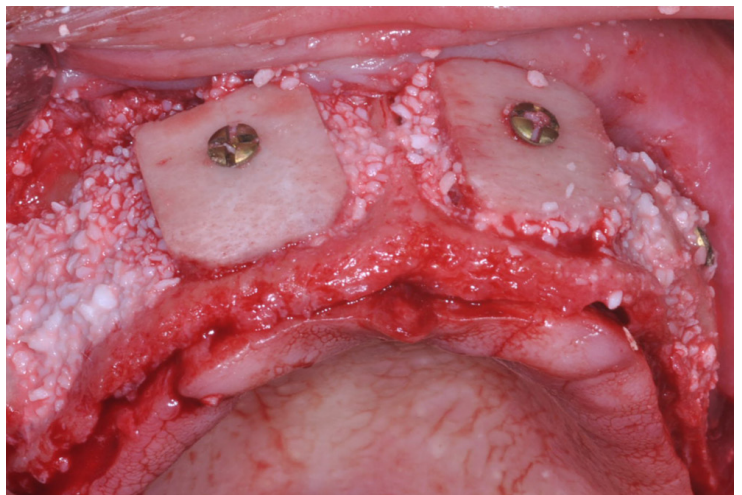
Initial



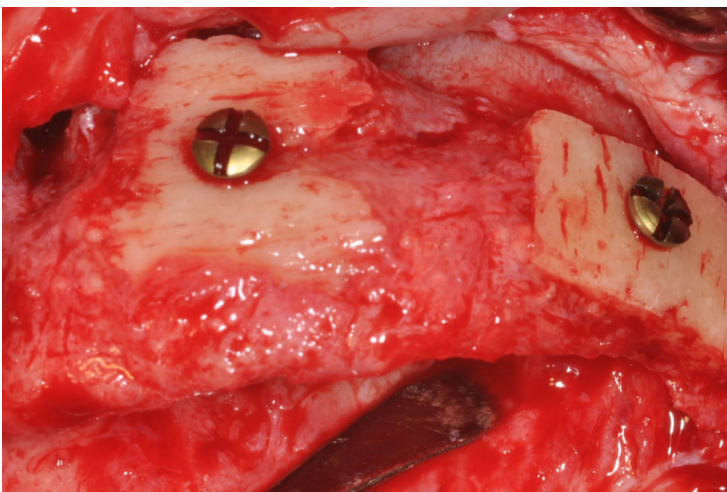
CT verifies the thickness of the crest



After raising the flaps a block augmentation is performed

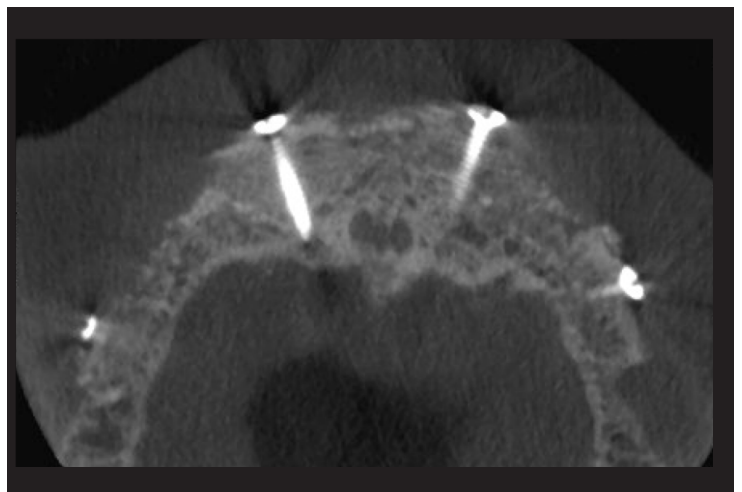


4 x Xenogeneic blocks and particulated bone is added on the buccal side [Blocks secured with mini screws]

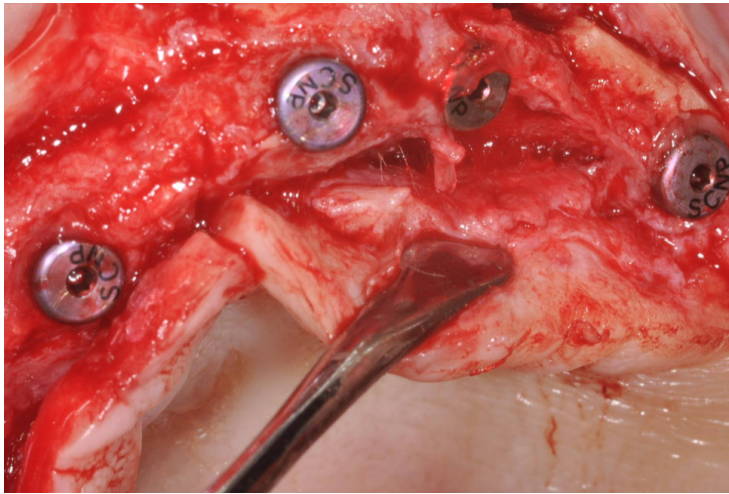


Clinical view after 6 months of healing

[Biopsies show bone formation of appr 35%]

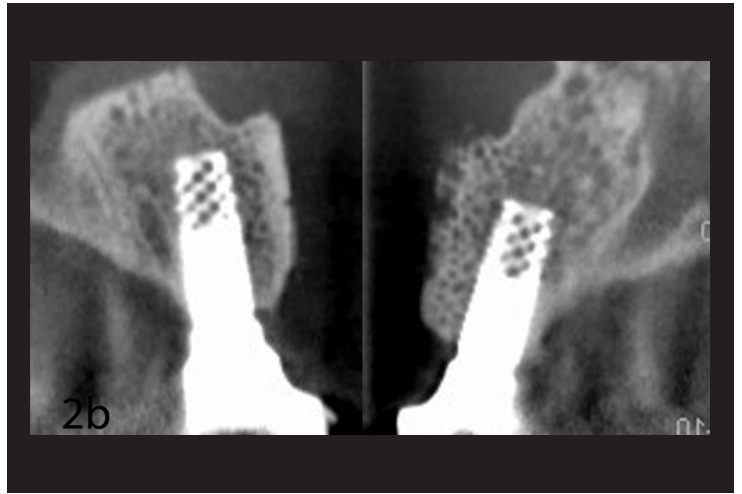


Follow Up = 06 meses



Installation of 6 implants SWE

[No high torque needed due to implant profile]



CBCT 2,5 yrs after treatment start 2 yrs after implant installation



After fixture installation patient received a full arch bridge lower jaw finished during healing-in of blocks

Follow Up \approx 2,5 yrs after treatment start!



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Ulf is a senior consultant oral & maxillofacial surgeon at the University of Gothenburg, Sweden. He has a long history of clinical research teaching and specialist service provision and is a well known international lecturer and speaker. He trained under Prof P.I. Branemark and has gone on to undertake significant research projects in bone regeneration (University of Gothenburg, Sweden). He has published a number of significant books (incl Bone, Biomaterials & Beyond) and has authored over 100 scientific articles in peer reviewed journals. His current clinical and preclinical research is focused on strategies in maxillofacial rehabilitation after tumour resection, irradiation and chemotherapy.