Clinical case 2 of 4th generation dental implant

Joo Young LEE¹, Seong Hoon KIM¹, Kyung Sook HWANG², Jong Oh KANG^{1,3}, Seung Min PARK^{2,4}, Ju Hyun KIM⁴, Mi Rae KIM⁴, Yong Duk PARK^{1,5,*}, Masaki Kambara^{6,7}

¹Dept. of Prev. Dent. School of Dent. Kyung Hee Univ., ²Dept. of Dent. Eng. Shinhan Univ., ³Dept. of Dent. Hygi., Shinhan Univ., ⁴Uniance's Central Research Institute, ⁵Shinhan Univ. Bioclinical Mediation Research Center, Osaka Dental⁶ University, Kambara Global Health Institute⁷

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- 1) Gender: female 2) Age: 54
- 3) Systemic disease: generally healthy, very positive personality
- 4) Medication Hx: No other medications
- 5) Oral condition: The gums are generally good, but the extracted teeth (#17, #25, 27, # 37, #46,47) and #48 are always sore and painful due to excessive occlusion. I have experience in implantation.
- 6) Treatment procedure

Through conversation with the patient, all second molars are excluded from treatment, and treatment is planned so that even the first molar can be masticated.

- (1) Ext. of mand. 48
- (2) 4th generation implants: Max.# 25, mand. # 46, common commercial implant placement: mand. #47
- (3) Immediately after the 1st operation on implants, a healing abutment is signed and a small masticatory force is given.
- (4) Periodic check of bone density inside the implant fixture of #25 and 36
- (5) Impression of the mandible and completion of crown prosthesis 2 months after implantation
- (6) The maxilla is 4 months old, and the patient is able to masturbate on both the left and right sides.
- (7) Panoramic confirmation after max. implant crown installation
- (8) Confirming the patient's chewing power/completing the occlusal check
- 7) Post-treatment:
 - (1) Check occlusal force, panorama, bone density, texture and taste
 - (2) Periodic professional oral care
- 8) Patient satisfaction is very high, mentioning light and soft chewing power compared to existing implants, and saying that the texture is very good.

Keywords: 4th generation implant, histological structure, implant coating

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