Clinical case of 4th generation dental implant

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CASE 1 J.B.U

- 1) Gender: male 2) Age: 56
- 3) Systemic disease: congenital cleft lip, leg discomfort due to traffic accident, other healthy
- 4) Medication Hx : No other medications
- 5) Oral condition: A patient who has been in the state of placing the mandibular implant fixture for 2 years, and the condition in which teeth 21 and 22 in the maxilla are tied with a wire and just before extraction
- 6) Treatment procedure
 - (1) Ext. of max. 21 and 22 after taking an impression of the max.
 - (2) Max. implant placement: # 17, 16, 15, 13 # 23, 25, 26, 27 (4th generation implants # 15, 13 # 23, 25 are applied among these, and other products on the market in Korea
 - (3) Delivery of temporary upper and lower dentures and impression taking of implants in the 40th posterior region of the mand.
 - (4) Mand. 40th posterior implant crown prosthesis installation and mand. 30th implant impression taking
 - (5) Mand. 30th implant crown installation (mand. completion)
 - (6) Periodic observation and percussion, prevention and management of inflammation at 1 month intervals, and panoramic radiographs and follow-up studies at 2 month intervals
 - (7) Comparison of bone quality of the entire max. implant 5 months after implantation and simultaneous impression taking of the entire jaw
 - (8) Panoramic confirmation after max. implant crown installation
 - (9) 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

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

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