

Aesthetic single with immediate loading



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Private surgery on Implantology

PATIENT

42 year old male.

MEDICAL HISTORY

Smoker with poor oral hygiene (10 cigarettes per day).
No medical pathologies or interesting records.

REASON OF THE VISIT

Traumatism in anterior area, tooth 11.

TREATMENT PLAN

Implant placement in area II and temporary immediate cement-retained prosthesis without occlusal load.

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01 Pre-surgery panoramic radiograph.



02 The following drilling sequence is performed: guide drill, Ø 2 mm, pilot drill, Ø 2.8 mm, Ø 3.2 mm y Ø 3.6 mm. No countersink or screw tap is used since it's a type III bone in upper jaw and a proper primary stability can be obtained. The drill extender makes the approach to anterior sectors with adjacent teeth easier.



03 The implant insertion is mechanically performed in the first stages and it's finished with a torque wrench which enables to control the torque strength used at all times. The insertion technique with AVINENT implants advises a minimum torque of 35 Ncm which, together with the implant geometry and its microthread, enables to obtain an optimum primary stability..



04 One external connection AVINENT implant with 4.1 platform is placed. The implant is submerged to a proper level to preserve soft tissues and thus a better aesthetic result is obtained.



05 In the same session the crown is provisionally placed for aesthetics out of occlusion using a screw retained temporary abutment.