CLINICAL CASE

Grand Morse
Neodent Grand Morse

Immediate implant with aesthetic area immediate loading.

**Patient’s Medical History**
Patient ASA1, not on any ongoing medication, non-smoker.
Main complaint: mobility in tooth 12.
Clinical exam and x-ray revealed presence of radicular fracture and periapical lesion.

**Planning**
Single Case.
Position 12 of the Maxilla (FDI System).
Immediate Loading Protocol.
No Flap Access Technique.

**Description of the procedure**
The surgery was performed under local anesthesia, starting with syndesmotomy of tooth 12 and minimally traumatic extraction using a dental extractor. Drilling was then completed with 2 and 3.5mm drills, without opening up a flap (flapless). The GM Acqua Helix 3.5x16 mm was placed 2mm subcrestal and a progressive torque of 45N.cm was obtained. The gap in the buccal region was filled with an alloplastic graft. The Ti base and the zirconia base were then placed and the immediate provisional crown fabricated.

**Prosthetic Description**
The Ti base 3.5x4x2.5 component was placed and the zirconia base cemented over it. The immediate provisional crowns were fabricated and cemented with temporary cement.
After 10 months of monitoring, the final prosthesis was planned. For the transfer impressions, a retraction cord was inserted around the component followed by the closed-tray impression with addition silicone.
A Lithium disilicate crown was then fabricated, and after being tested and adjusted (proximal and occlusal contacts) it was cemented with resinous cement.

**Result description and/or conclusion**
The result obtained in 1 year of monitoring were excellent behavior of the bone tissue and soft tissue, taking into account the area in question (aesthetic area), the patient’s big smile and a cleverly resolved case.
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1. Initial photo of smile.
2. Initial CT scan of tooth 12.
3. Planning the implant position.
5. Immediate post-operative photo.
6. Immediate periapical x-ray.
7. 1-year monitoring (CBCT).
8. 1-year monitoring photo.