

—
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.



©neodent

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.



DR. GENINHO THOMÉ

ltrojan@neodent.com.br

BRASIL

Master's and PhD in Implantology;
Scientific Chairman for Neodent;
Chairman of Neodent's Board of
Directors.

Other doctors that participated in the
procedure:

Sérgio Bernardes;
Mary Stella Dias Vitório;
Carolina Accorsi Cartelli;
Larissa Trojan.

www.neodent.com.br/grandmorse

Neodent Grand Morse

Immediate implant with aesthetic area immediate loading.

