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CLINICAL
CASE

Grand Morse

Neodent Grand Morse

Single replacement with GM implant.

Patient's Medical History

Patient in orthodontic treatment, referred for implant and prosthesis placement in the region 46.

Planning

Single Case.

Position 46 of the Mandible (FDI System).

Immediate Loading Protocol.

No Flap Access Technique..



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Description of the procedure

A flap opening was made and drilling done to place a Grand Morse Helix implant of 3.75x 11.5. The drilling was done up to 13mm so that the final position would be subcrestal. Since the bone quality proved to be more medullar, the conical contour drill was not used.

Prosthetic Description

Once the implant was placed, a Universal Exact Click abutment of 4.5x4x3.5 was adapted. After application of torque (32Ncm), one coping was placed and the provisional crown made directly in the mouth, using a stock tooth.

The crown was cemented after using the technique of removing the excess cement in the analog. Suturing was done after the crown was cemented..

Result description and/or conclusion

The implant used for rehabilitation of the missing tooth proved highly efficient. The primary stability obtained was good, allowing immediate placement of the crown, which pleased the patient.



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Other doctors that participated in the
procedure:

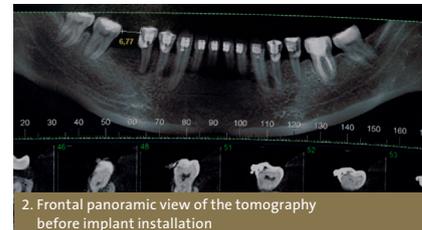
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www.neodent.com.br/grandmorse

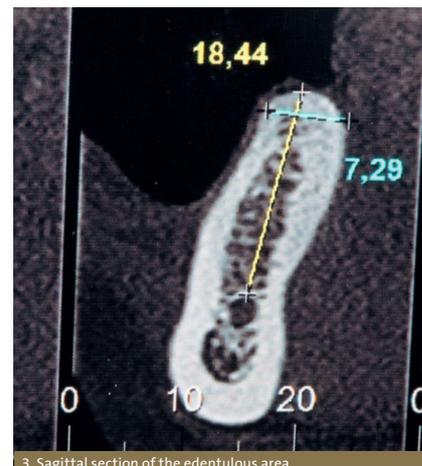
Single replacement with GM implant.



1. Occlusal view of the edentulous space



2. Frontal panoramic view of the tomography before implant installation



3. Sagittal section of the edentulous area.



4. Helix Acqua implant and Universal Click Abutment



5. Subcrestal placement of the Acqua hydrophilic implant at 1mm



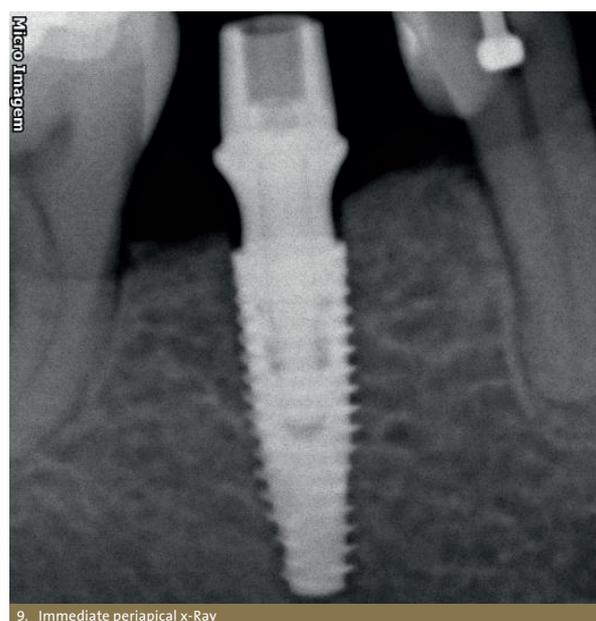
6. Occlusal view of the implant



7. GM Universal Click Abutment placed with the restoration margin, respecting the necessary minimum biological spaces



8. Occlusal view of the provisional crown in immediate loading



9. Immediate periapical x-Ray