

CLINICAL CASE



NobelReplace® Conical Connection

Dr. Rolf Bettens, M.D., D.D.S.





Dr. Rolf Bettens

Patient

20 years old, male

Prosthodontist

Rik Vankeirsbilck

Dental Lab

Dental Labo Vanderbeken

Restorative solution

NobelReplace® CC NP 3.5 x 16 mm

Surgery date

Bonegraft: January 8th, 2010

Implant: April 1st, 2011

Total treatment time

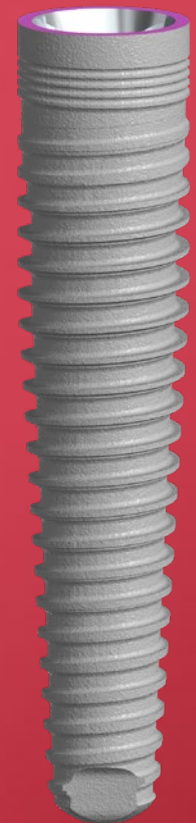
1 year 3 months

Tooth position

22

"My experience with the NobelReplace® Conical Connection implant is very positive! Anyone who is looking for an all-round implant, which combines the ease of insertion of the popular Replace™ body with a superior prosthetic connection and a very wide choice of restorative solutions, should not look any further.

With this innovative upgrade Nobel Biocare gives a new future to its „evergreen“ implant."



**Initial clinical
situation**

**Surgical
procedure**

**Restorative
procedure**

Outcome



Bone resorption at the age of 18 after extraction of tooth 22 (FDI) at an early age due to deformation and infection.

Initial clinical situation



Overcorrection of the defect is achieved with a ramus mandibulae autologous on lay graft.

Surgical procedure

Restorative procedure

Outcome



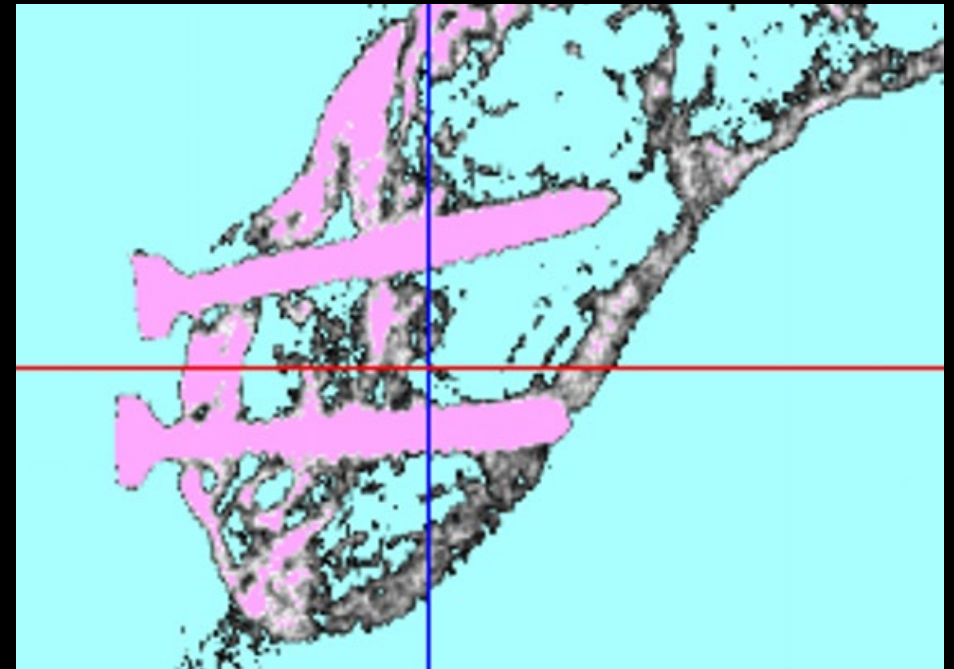
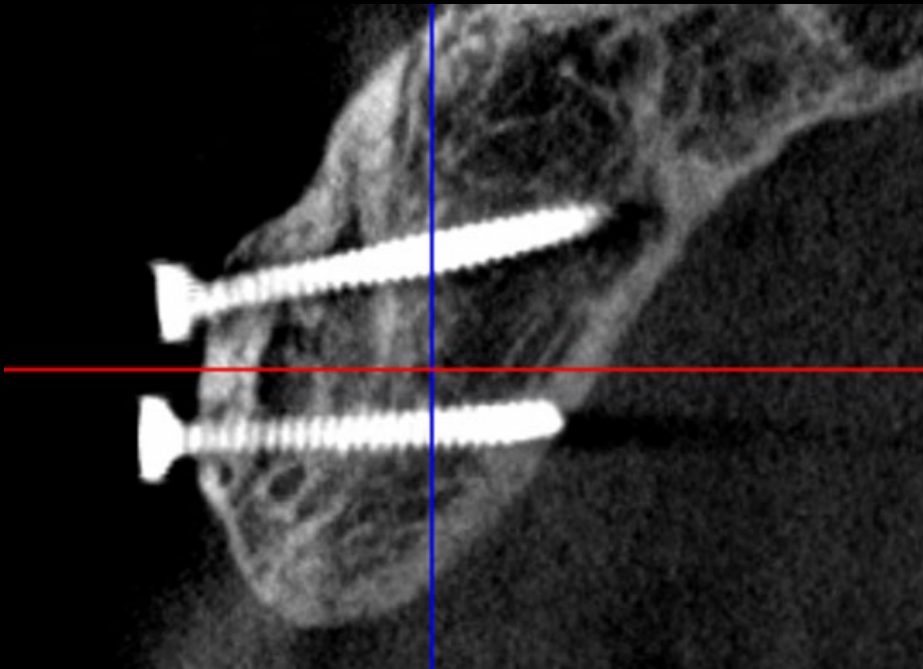
Flapless placement of a NobelReplace® CC implant NP 3.5 x 16 mm at age of 20.

**Initial clinical
situation**

**Surgical
procedure**

**Restorative
procedure**

Outcome



CBCT-image showing the ramus bone graft fixed to the alveolar process (buccopalatal section), the color processing on the right allows better differentiation between bone graft and native maxillary bone.

Initial clinical situation

Surgical procedure

Restorative procedure

Outcome



Sculpting of the soft tissue by gradually adjusting the emergence profile of a screw retained temporary crown on implant level (Temporary Abutment Engaging Titanium).



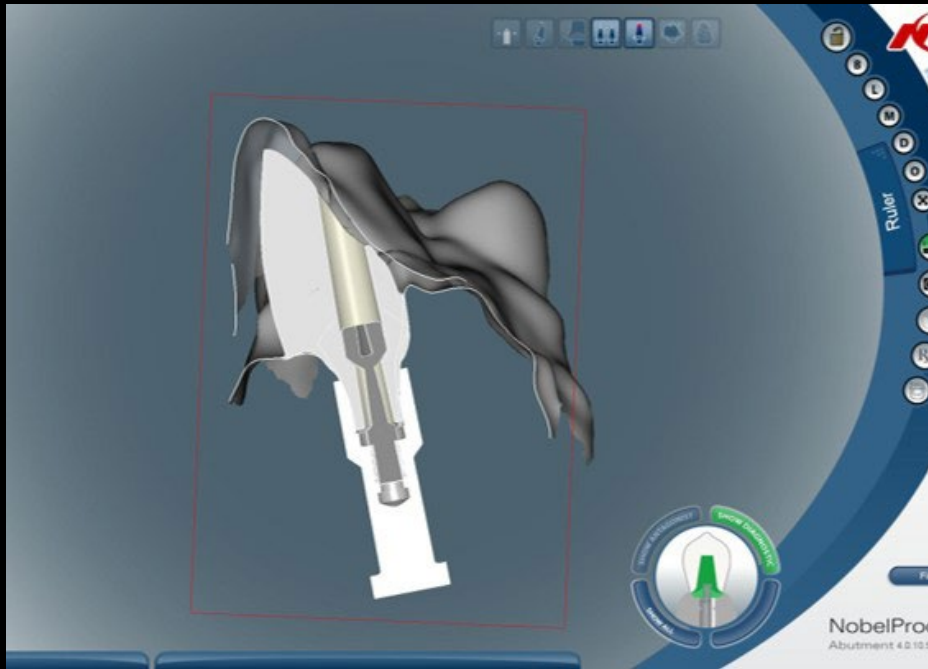
Image of soft tissue outline after impression with a personalized impression coping, custom-made by the clinician (by adding composite to the impression coping, the clinician creates an exact copy of the temporary crown which transfers the soft tissue emergence profile).

Initial clinical
situation

Surgical
procedure

Restorative
procedure

Outcome



CAD-CAM NobelProcera® customized abutment.

**Initial clinical
situation**

**Surgical
procedure**

**Restorative
procedure**

Outcome



Final screw retained NobelProcera® crown: Veneered
NobelProcera® Abutment Zirconia.
Prosthodontist: Rik Vankeirsbilck, LTH.
Dental Lab: Dental Labo Vanderbeken

**Initial clinical
situation**

**Surgical
procedure**

**Restorative
procedure**

Outcome



Implant restoration with a natural esthetic result.

Case courtesy of Dr. Rolf Bettens



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