

Proven stability,
high esthetics
NobelReplace[®]
Conical Connection

Proven tapered implant body with a strong conical connection

NobelReplace Conical Connection combines the original tapered implant body with a strong conical connection, offering you and your patients an esthetic solution for a wide range of indications. The implant body mimics the shape of a natural tooth root and is designed to provide high primary stability and supports the Immediate Function protocol.

High primary stability, even in compromised bone situations¹

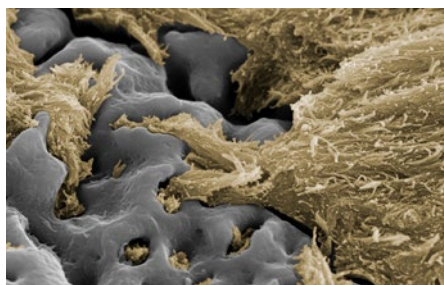
The tapered implant body is designed for high primary stability and is ideal for Immediate Function in both extraction sockets and healed sites.^{2,3}

Enhanced osseointegration

Unique oxidized TiUnite surface with grooves maintains implant stability through fast bone formation and promotes long-term success.^{4,5,6,7,8}

Straightforward surgical protocol

The step-by-step drilling protocol with color-coded components simplifies site preparation.

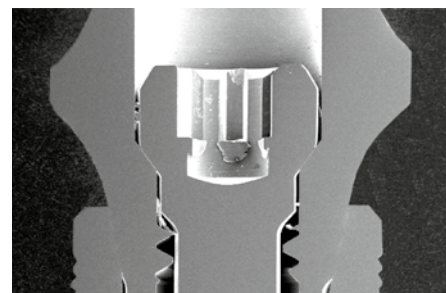
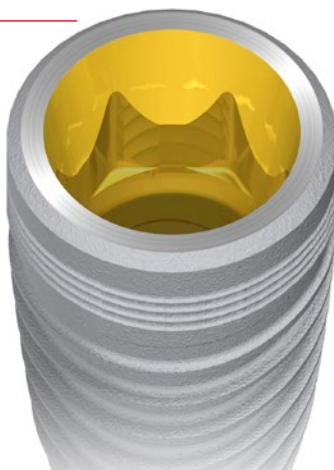


Predictable and enhanced osseointegration: The unique combination of controlled titanium oxide texture and porosity makes bone grow directly onto and into the surface, starting in the grooves on the threads.
(Courtesy of Dr Peter Schüpbach, Switzerland)



Strong conical connection

The internal conical connection with hexagonal interlocking offers high mechanical strength. This helps to ensure the required stability of the restoration for a predictable result.



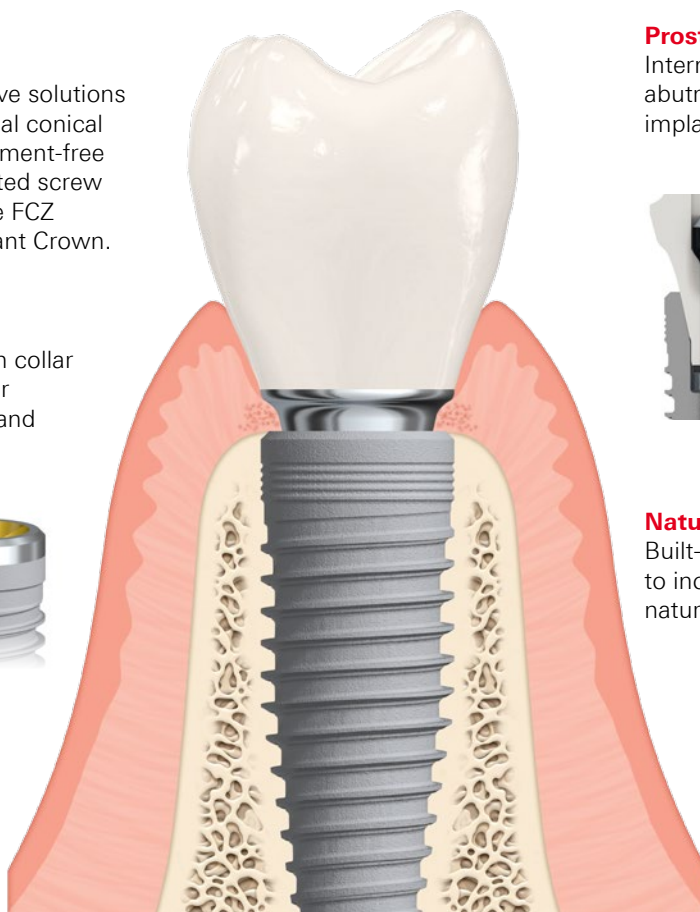
SEM image of cross-section, showing the tight seal between implant and abutment.

Access to innovative restorative solutions

Take advantage of innovative solutions available only for the internal conical connection, such as the cement-free NobelProcera ASC (angulated screw channel) Abutment and the FCZ (full-contour zirconia) Implant Crown.

Two collar options

Choose between TiUnite on collar or 0.75 mm machined collar for different clinical needs and treatment preferences.



Prosthetic flexibility

Internal conical connection for abutments and implant shoulder for implant-level bridge restorations.



Natural-looking esthetics

Built-in platform shifting designed to increase soft tissue volume for natural-looking esthetics.

For highly esthetic cases

Anterior restoration, flapless surgery with augmentation

50-year-old woman, no parafunctional habits, two insufficient root canal treatments and severely discolored teeth.



Diagnosis

Vertical fracture of upper right lateral and central incisors after trauma. Extraction of both teeth necessary.



Implant placement

Immediate placement of two NobelReplace Conical Connection implants (3.5×16mm and 4.3×16mm) at buccal crestal bone level, in order to create mesial and distal bone peaks for papilla support. Immediate loading with prefabricated abutments and provisional crowns for optimized shape and gingival architecture.



Final abutments

Placement of two individualized NobelProcera Abutments in shaded zirconia four months after surgery.



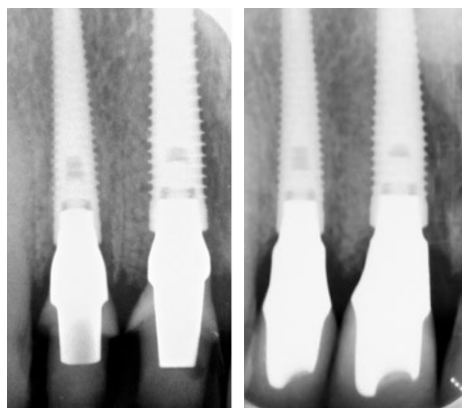
Final crowns

Two IPS e.max[®] CAD Crowns by NobelProcera cemented on NobelProcera Abutments four months after surgery. The one-year follow-up demonstrates excellent maintenance of the papilla.

“NobelReplace Conical Connection merges the well-proven implant body of NobelReplace Tapered with a tight internal conical connection. It is a versatile, easy-to-use implant which performs well in soft and hard bone.”



Prof. Alessandro Pozzi, Surgeon and Prosthodontist, Rome, Italy



Temporary restoration at implant insertion with two prefabricated zirconia abutments

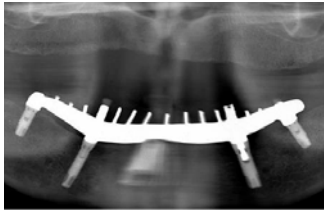
Stable bone levels at one-year follow-up

Courtesy of Prof. Alessandro Pozzi; CAD/CAM design of individualized prosthetic restorations A. Bonaca, veneering P. Paglia and M. Moretti (Rome, Italy)

IPS e.max[®] is a trademark of Ivoclar Vivadent AG.

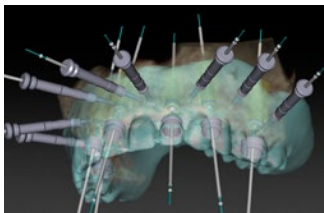
Full-arch maxilla restoration with NobelGuide treatment concept

65-year-old male, fit and healthy, good volume of bone and keratinized tissues.



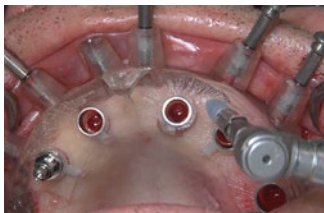
Diagnosis

Edentulous patient, removable denture in upper jaw, fixed implant bridge in lower jaw, low lip-line. Although satisfied with the appearance of existing removable denture, the patient desired a fixed alternative to his troublesome upper denture.



Digital treatment planning

The existing prosthesis was relined with hard material, maximizing stability and keeping radiolucent properties. Radiopaque markers were placed, allowing use as radiographic guide. A CBCT scan of the patient wearing this denture was made, followed by a scan of the same denture outside the patient's mouth. These two scans, combined in the NobelClinician Software, formed the basis for digital prosthetic-driven implant planning.



Guided surgery

NobelGuide Surgical Template with guided drill guides was used to transfer the plan to the patient. After guided drilling, six NobelReplace Conical Connection implants were placed using guided implant mounts.



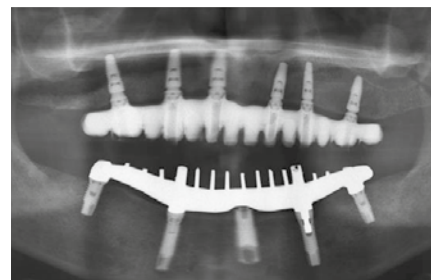
Final result

Final NobelProCera Implant Bridge seated after careful check of occlusion. The patient was delighted with the result, and astonished by the speedy and uneventful recovery.

“Planning surgery with NobelClinician, in combination with guided surgery and NobelReplace Conical Connection, provides a streamlined and predictable planning process, with minimally invasive and accurate treatment, transforming the surgical and prosthodontic stages. In our practice, this leads to improved outcomes and a higher uptake of treatment.”



Dr. Andrew Dawood, Surgeon and Prosthodontist, London, England

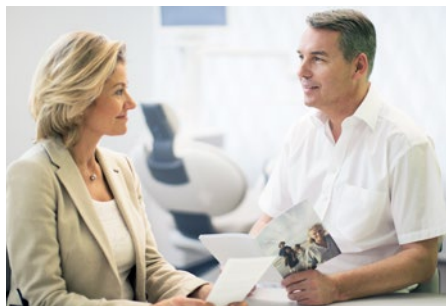


Follow-up X-ray after delivery of final NobelProCera Implant Bridge.

Treat more patients better

Nobel Biocare helps you treat more patients better by supporting you throughout the full treatment journey. As the pioneers of osseointegration, it is our ambition to give your patients fully functional and natural-looking tooth restorations that last a lifetime. This is what we call Designing for Life.

Win your patients' trust



Communicate with confidence and help your patients understand the advantages of implant treatment. Benefit from our tools to increase your patient flow and to successfully grow your practice. In addition, we offer a comprehensive range of training courses to boost your expertise.

Get the full picture of your patients' needs



Accurately identify and visualize your patients' needs, share data securely and collaborate with your team and colleagues online. State-of-the-art communication tools help you increase treatment acceptance.

Rely on safe and versatile treatment options



You can treat any indication with our proven and innovative products and solutions, backed by the most extensive scientific evidence. Rely on our comprehensive portfolio to make your treatments safe, effective and predictable.

NobelClinician – the user-friendly solution for enhanced diagnostics, treatment planning and patient communication

- Versatile diagnostic options with in-depth information.
- Digital treatment planning taking into account available bone and soft tissue information, combined using SmartFusion™ technology.
- Easy collaboration between treatment partners with NobelConnect®.
- More treatment acceptance with effective patient communication using NobelClinician Communicator iPad® App.

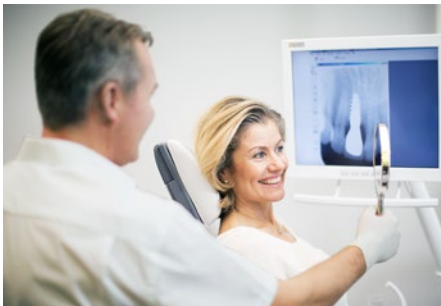


OsseoCare Pro – much more than a drill motor

- Intuitive user interface.
- Pre-programmed drilling protocols.
- Record and export all treatment data.
- Share between several users.



Achieve truly esthetic results



Give your patients the new smile they deserve. We support dental laboratories worldwide with our full range of prefabricated and individualized CAD/CAM restorations: for natural-looking results, improved function and a new quality of life for your patients.

Maintain your patient's new smile



After the treatment, you and your patients benefit from an extended warranty, our replacement part offering and your local Nobel Biocare support – to make your patients' new smile last a lifetime.

NobelProcera CAD/CAM for restorative flexibility and predictable results

- Titanium or zirconia abutments that support the surrounding tissue with an individualized emergence profile
- Cement-free angulated screw channel (ASC) zirconia abutments for better esthetics, optimized occlusal function and easier access
- Cement-free full-contour zirconia implant crown with angulated screw channel
- Implant bridges in zirconia and titanium, as well as fixed and fixed-removable implant bars overdenture for improved quality of life

Contact your local Nobel Biocare sales office to learn more about the full range of precision-milled NobelProcera restorations.






Each NobelProcera restoration comes with an authenticity label for your case documentation and to give to patients. Our extensive warranty covers all restorations and implants, including implants not from Nobel Biocare.

Verify the authenticity of your NobelProcera products:
nobelbiocare.com/authentication

Place your order today




NobelReplace® Conical Connection

Platform	Implant Ø	Length				
		8 mm	10 mm	11.5 mm	13 mm	16 mm
 NP	3.5 mm	36699	36700	36701	36702	36703
 RP	4.3 mm	36704	36705	36707	36708	36709
 RP	5.0 mm	36710	36711	36712	36713	36714



37465 NobelReplace CC Surgery Kit
Includes instruments and drills to perform implant surgery with all NobelReplace Conical Connection implants.

NobelReplace® Conical Connection PMC (Partially Machined Collar)*

Platform	Implant Ø	Length				
		8 mm	10 mm	11.5 mm	13 mm	16 mm
 NP	3.5 mm	37284	37285	37287	37288	37289
 RP	4.3 mm	37290	37291	37292	37293	37294
 RP	5.0 mm	37295	37296	37297	37298	37299



36915 Implant Driver Kit Conical Connection
Complementary kit for the NobelReplace Tapered Surgery Kit. Includes implant drivers for NP and RP implants with conical connection.

* Cover screw included.



On all Nobel Biocare implants including prefabricated prosthetic components.

1 Kan, J. Y., et al. (2015). „Effects of implant morphology on rotational stability during immediate implant placement in the esthetic zone.“ Int J Oral Maxillofac Implants 30(3): 667-670.
 2 Pozzi, A. and P. Mura (2016). “Immediate Loading of Conical Connection Implants: Up-to-2-Year Retrospective Clinical and Radiologic Study.“ Int J Oral Maxillofac Implants 31(1): 142-152.
 3 Pozzi A, Tallarico M, Moy PK. Immediate loading with a novel implant featured by variable-threaded geometry, internal conical connection and platform shifting: Three-year results from a prospective cohort study. Eur J Oral Implantol 2015; 8: 51-63. 4 Glauser, R., et al. (2001). “Stability measurements of immediately loaded machined and oxidized implants in the posterior maxilla. A comparative clinical study using resonance frequency analysis.“ Appl Osseointegration Res 2: 27-29. 5 Zechner W, Tangl S, Fürst G, Tepper G, Thams U, Mailath G, Watzek G. Osseous healing characteristics of three different implant types. Clin Oral Implants Res 2003;14(2):150-7. 6 Schüpbach P, Glauser R, Rocci A, Martignoni M, Sennerby L, Lundgren A, Gottlow J. The human bone-oxidized titanium implant interface: A light microscopic, scanning electron microscopic, back-scatter scanning electron microscopic, and energy-dispersive x-ray study of clinically retrieved dental implants. Clin Implant Dent Relat Res. 2005;7 Suppl 1:S36-43. 7 Ivanoff CJ, Widmark G, Johansson C, Wennerberg A. Histologic evaluation of bone response to oxidized and turned titanium micro-implants in human jawbone. Int J Oral Maxillofac Implants 2003;18(3):341-8. 8 Hall J, Miranda-Burgos P, Sennerby L. Stimulation of directed bone growth at oxidized implants by macroscopic grooves: an in vivo study. Clin Implant Dent Relat Res 2005;7 (Suppl 1):76-82.

