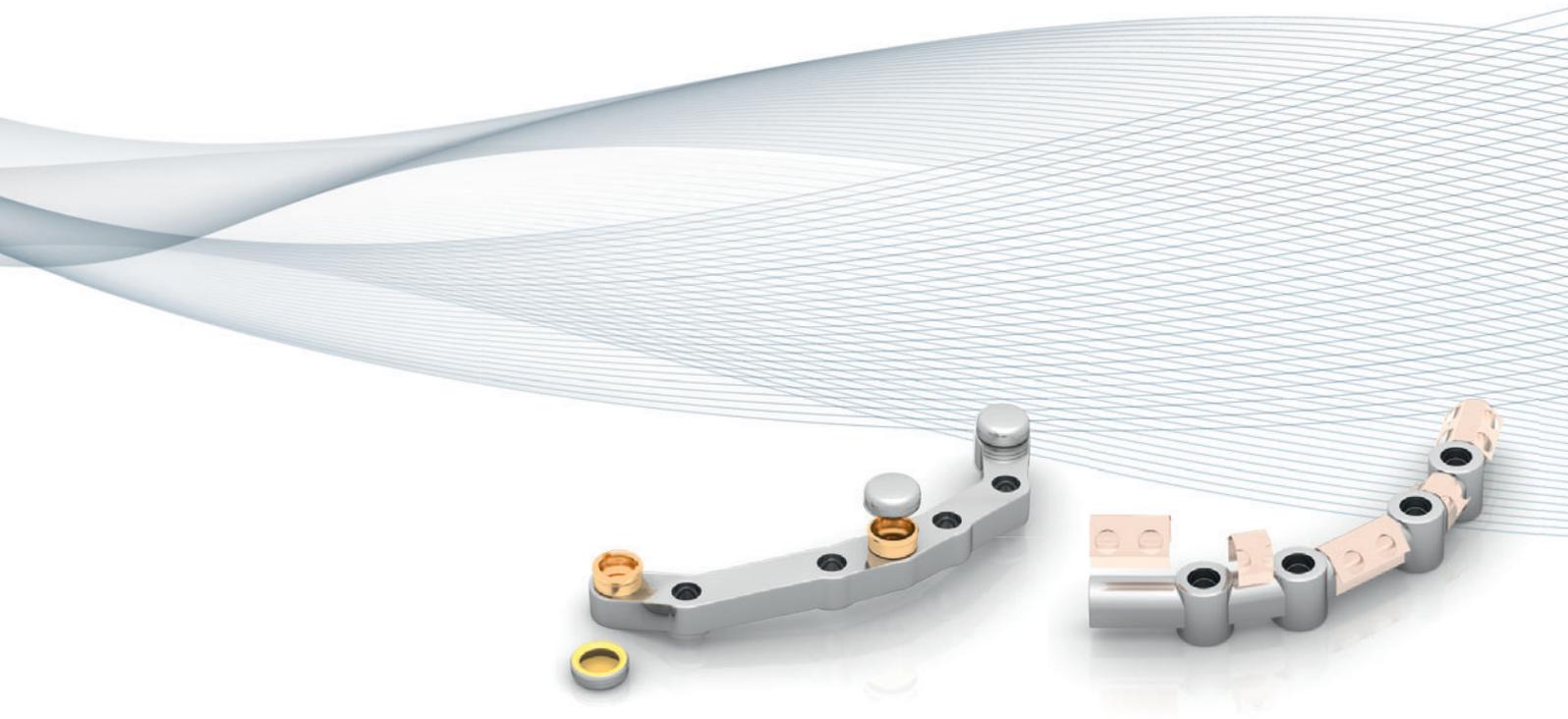


NobelProcera[®] Implant Bar Overdenture

EXPERIENCE THE NEW WORLD OF CAD/CAM DENTISTRY

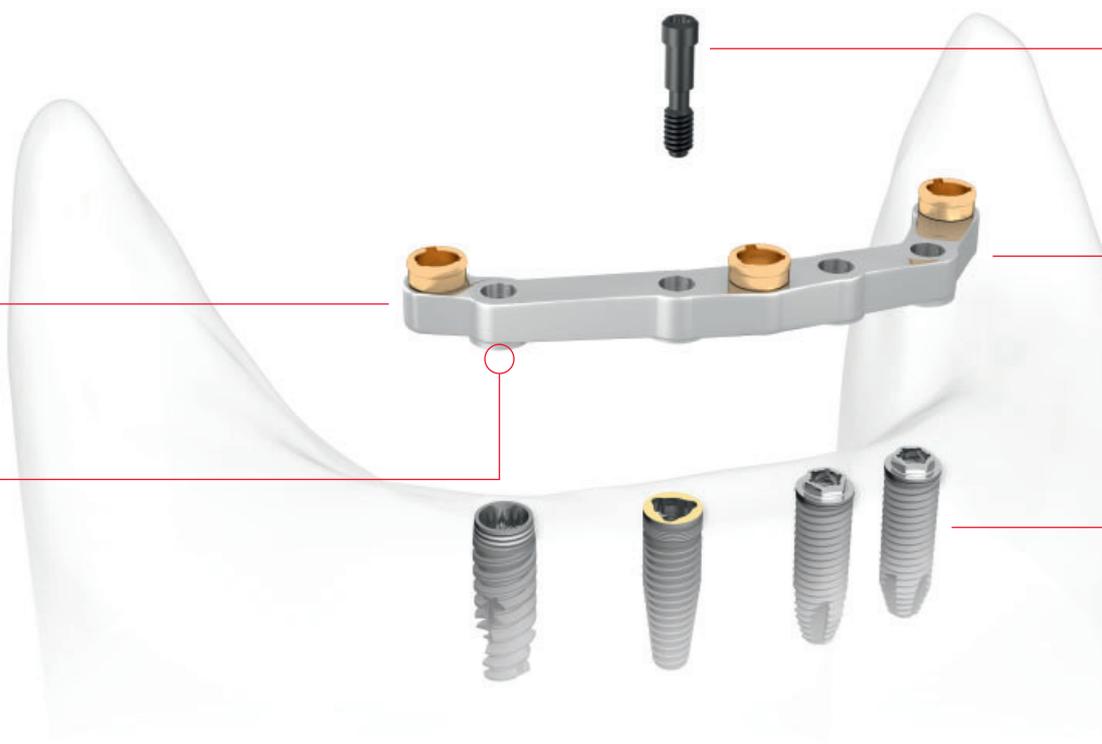


NobelProcera® Implant Bar Overdenture – complete range of fixed and removable solutions.



For a variety of attachment systems

Suits every patient's needs.



Light and biocompatible

Bars milled out of surgical grade 6Al-4V titanium, which is four times lighter than gold.

Precision of fit

For ideal load transfer and long-term stable screw joints.

Dental technician designs individualized overdenture implant bars for all indications – from low cost to high-end options.

CAD/CAM process ensures precision, speed and cost-efficiency.

Cutting-edge 3D software designed by technicians for technicians.

Bars are highly polished and ready-to-use, including clinical screws and attachments.*

5-year product warranty.

TorqTite clinical screws

Carbon-coated titanium screws for ideal preload and reduced screw-loosening.



High precision of fit for up to 12 implants.



Attachments are screwed into the bar.

CAD/CAM dentistry

Individually designed and industrially manufactured overdenture implant bars. Delivered highly-polished and ready-to-use.

For a variety of implant systems

Available for Nobel Biocare implants and multi-unit abutments, third party implant systems and combinations thereof.

Clinical considerations for selecting a removable restoration

- Rehabilitation in case of significant loss of hard and soft tissue.
- Reduced need for vertical bone augmentation procedures.
- Simple and cost-efficient long-term adjustments possible for tissue adaptation and support of extra-oral tissue.
- Removable for easy hygiene maintenance.
- No chewing discomfort, as the denture is highly stable.

Computer-aided manufacturing (CAM): quality and precision of fit

- Bar milled out of a biocompatible titanium monobloc, ensuring precision of fit and absence of welding seams.
- Milling eliminates porosity issues, common with casting procedures.
- High strength reduces likelihood of extension breakage.
- Delivered with highly polished tissue-bearing surface to facilitate oral hygiene.
- Strict quality control and 5-year warranty.

* Availability of attachments may differ from country to country depending on regulatory clearance. However, all implant bars are delivered pre-tapped to accept the desired attachments.

NobelProcera® Implant Bar Overdenture for all indications.



Free Form Milled Bar with Locator® attachments



Dolder® Bar with gold riders



Montreal Bar



Hader Bar with clips and housings



Free Form Milled Bar with ball attachments



Possibility to restore severe implant angulations

NobelProcera offers both removable and fixed overdenture implant bar solutions, ranging from low cost to high-end options, for all customer needs.

Wide selection of implant bars and attachments*

Overdenture implant bars: Dolder® (rigid, resilient, micro, macro), Hader, Round, Paris, Free Form Milled (buccal and lingual taper from 0° to 10° in 0.5° steps)

Fixed prosthesis bars: Wrap-around, Montreal, Montreal with metallic lingual

Attachments: Dolder® extension riders (gold, micro and macro), Ball 2.25 (Dalbo®-Plus), Ball 2.2 (Bredent™), Ball 2.5 (TSB), Locator®, Anchor System M3, Hader clips with metal housing

For a wide selection of implant systems

All Nobel Biocare two-piece implants

Wide selection of third party implants being introduced, such as Straumann®, Biomet 3i®, Astra Tech®, Zimmer® and more to come.**

* Availability of bars and attachments may differ from country to country depending on regulatory clearance.

** For a detailed list, contact your local Nobel Biocare representative.

The following trademarks apply: Dolder® and Dalbo® are registered trademarks of Cendres+Métaux Group, Bredent™ of Bredent GmbH & Co. KG, Locator® of Zest Anchors Inc, Astra Tech® of Astra Tech Group, Straumann® of Institut Straumann AG, 3i® of Biomet Group, and Zimmer® of Zimmer Group.

NobelProcera® CAD/CAM process – precise, fast, cost-efficient.



1. Preparation

Dentist

Takes an impression using conventional procedures.

Dental laboratory

Fabricates the model and the necessary devices to record the maxillo-mandibular relationship.

Dentist

Records the maxillo-mandibular relationship using conventional procedures.

Dental laboratory

Fabricates the wax setup and sends it to the dentist for a try-in to ensure correct function, esthetics and phonetics.



2. Scanning

Dental laboratory

Scans the model and wax setup using the NobelProcera Scanner. Alternatively, the laboratory sends them to the NobelProcera production facility for centralized scanning.**

The NobelProcera Scanner uses unique conoscopic holography technology for high accuracy.



3. Design

Dental laboratory

Designs a wide variety of implant bars on many different implant systems with ease and speed in the NobelProcera Software – from simple to the most complex cases.

The design is sent straight from the NobelProcera Software via the Internet to a NobelProcera production facility.



4. Industrialized production

Nobel Biocare

Produces the bar according to the CAD data sent by the dental laboratory by means of computer-aided manufacturing.

The ready-to-use bar is shipped to the dental laboratory, including clinical screws and attachments.*** The laboratory finalizes the restoration and sends it to the restorative clinician.

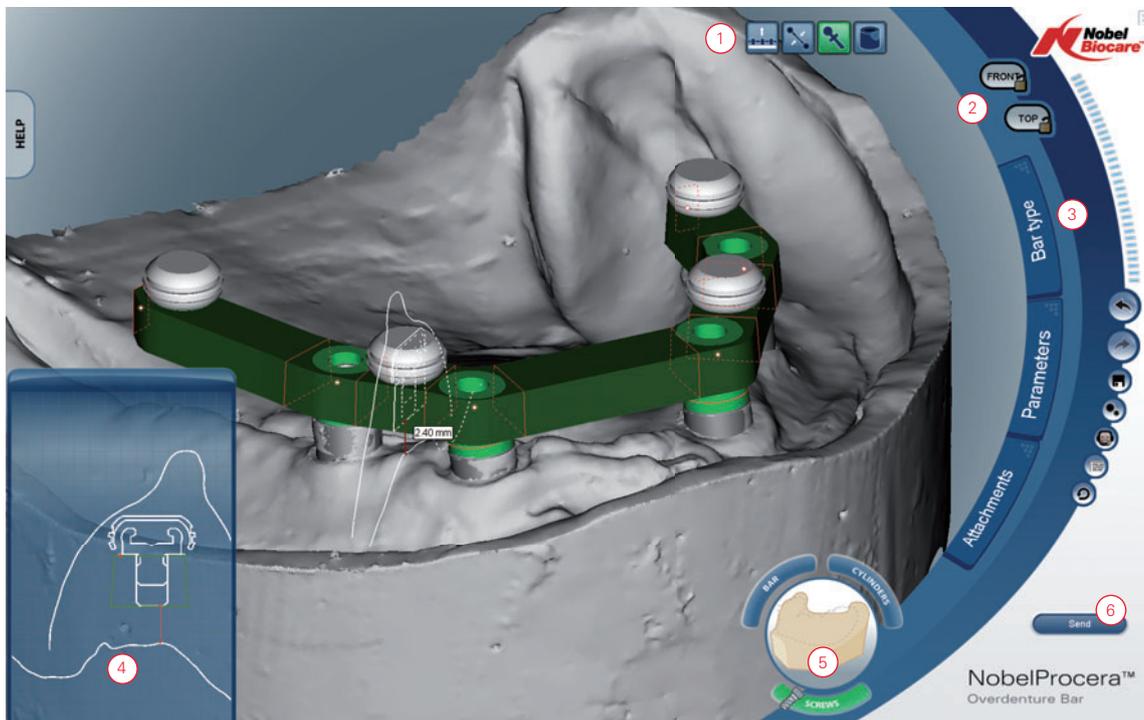
NobelProcera Software allows the dental technician to design a wide variety of implant bars with ease and speed, which get produced by a NobelProcera production facility in a few days.* This process increases the laboratory's efficiency and reduces its in-house costs.

* All NobelProcera production facilities are compliant with ISO 13485 Quality System.

** In the initial phase of the launch, only centralized scanning will be possible.

*** Availability of bars and attachments may differ from country to country depending on regulatory clearance.

NobelProcera® Software – designed by technicians for technicians.



- 1 Cut cylinders, position attachments, form the implant bar and align it with the model.
- 2 Change views easily.
- 3 Choose from a wide range of implant bars and distal extensions.

- 4 Visualize the prosthetic setup to ensure an optimal bar design, such as vertical height, distance to soft tissue and attachment position.
- 5 Display only the desired elements: model, prosthetic setup, bar or cylinders.

- 6 Send the design straight to the NobelProcera production facility.

Intuitive and user-friendly software

Vast range of tools allows optimal implant bar designs for all indications and customer needs, including selection and positioning of prefabricated attachments.

Automatic design proposal based on the scanned situation.

Warning function for production limitations in real time.

Archiving of the 3D design files for providing continued and long-term professional assistance to patients.

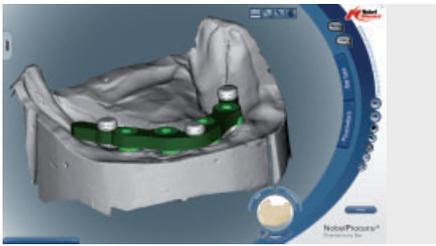
Achieving excellent results with NobelProcera®.

NobelProcera Free Form Milled Bar with Locator® attachments.

Dr. Stefan Holst and DentalX GmbH, Germany.



Occlusal view of four implants with ball attachments. Due to inadequate functional stability, the patient requests a more stable solution. Wax setup and implant model are made and scanned.



An individualized NobelProcera Implant Bar Overdenture is designed using the NobelProcera Software. The final design is sent to the NobelProcera production facility for computer-aided manufacturing.



The precision of fit of the highly polished and ready-to-use NobelProcera Implant Bar Overdenture is confirmed on the implant model.



The NobelProcera Implant Bar Overdenture complete with Locator attachments is attached to the four implants using clinical screws.



The overdenture is placed on the implant bar and retained by the Locator attachments.

Customer service worldwide.

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