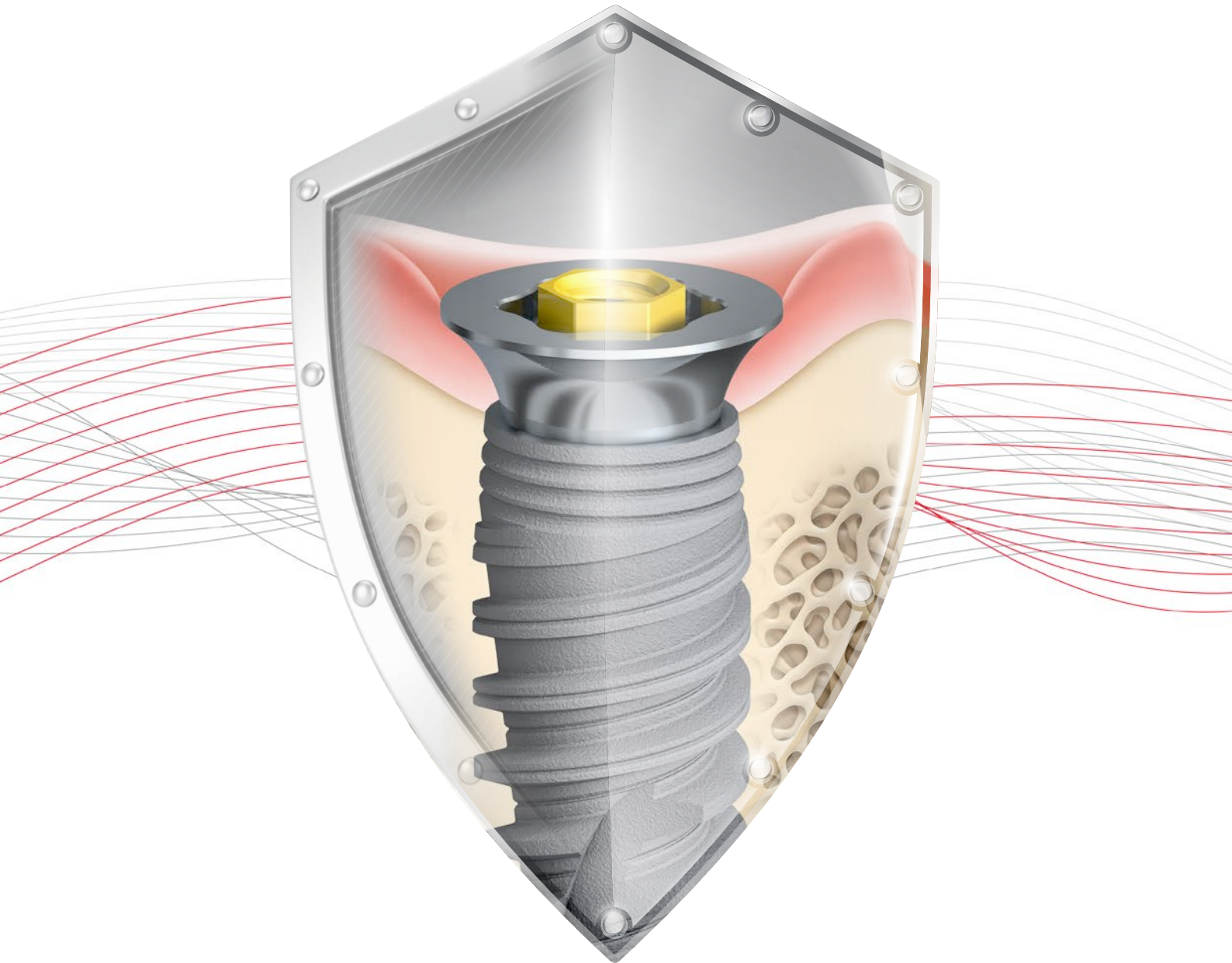
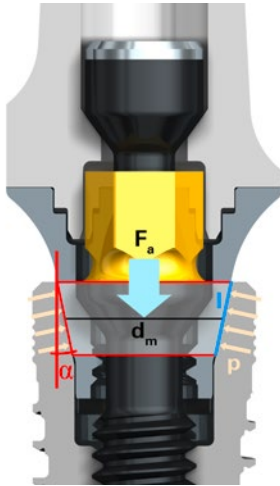


A shield never to be broken  
On1™ concept



### Gain peace of mind

The On1 Base has a unique prosthetic connection, ensuring that only precision-engineered Nobel Biocare restorations are used.

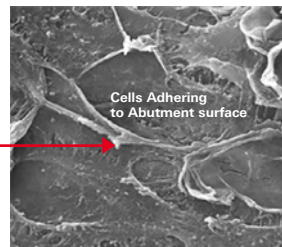
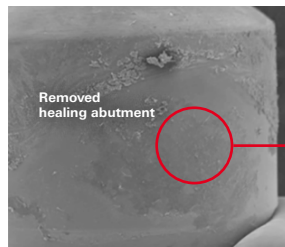
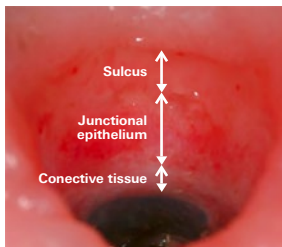


$$p = \frac{F_a * \cos(\rho) * \cos(\frac{\alpha}{2})}{d_m * \pi * l * \sin(\rho + \frac{\alpha}{2})}$$

A system is only as strong as its weakest link. This is why the On1 concept is designed and tested as a complete system. Small changes in any parameter can lead to extreme load and stress conditions, which can ultimately result in implant failure.

### Leave the immediate soft tissue attachment intact

The On1 Base is seated at the time of implant placement. The immediate soft tissue attachment is then left intact as the On1 Base remains in situ during the entire restorative workflow and throughout the lifetime of the restoration.



The On1 concept avoids repeated disruption of the soft tissue. This reduces the risk of bacteria entering the site. It also results in less discomfort for your patient.

### Maintain surgical flexibility

The On1 concept can be used with any Nobel Biocare conical connection implant system, each designed for high primary stability and built-in platform shifting.



NobelParallel CC

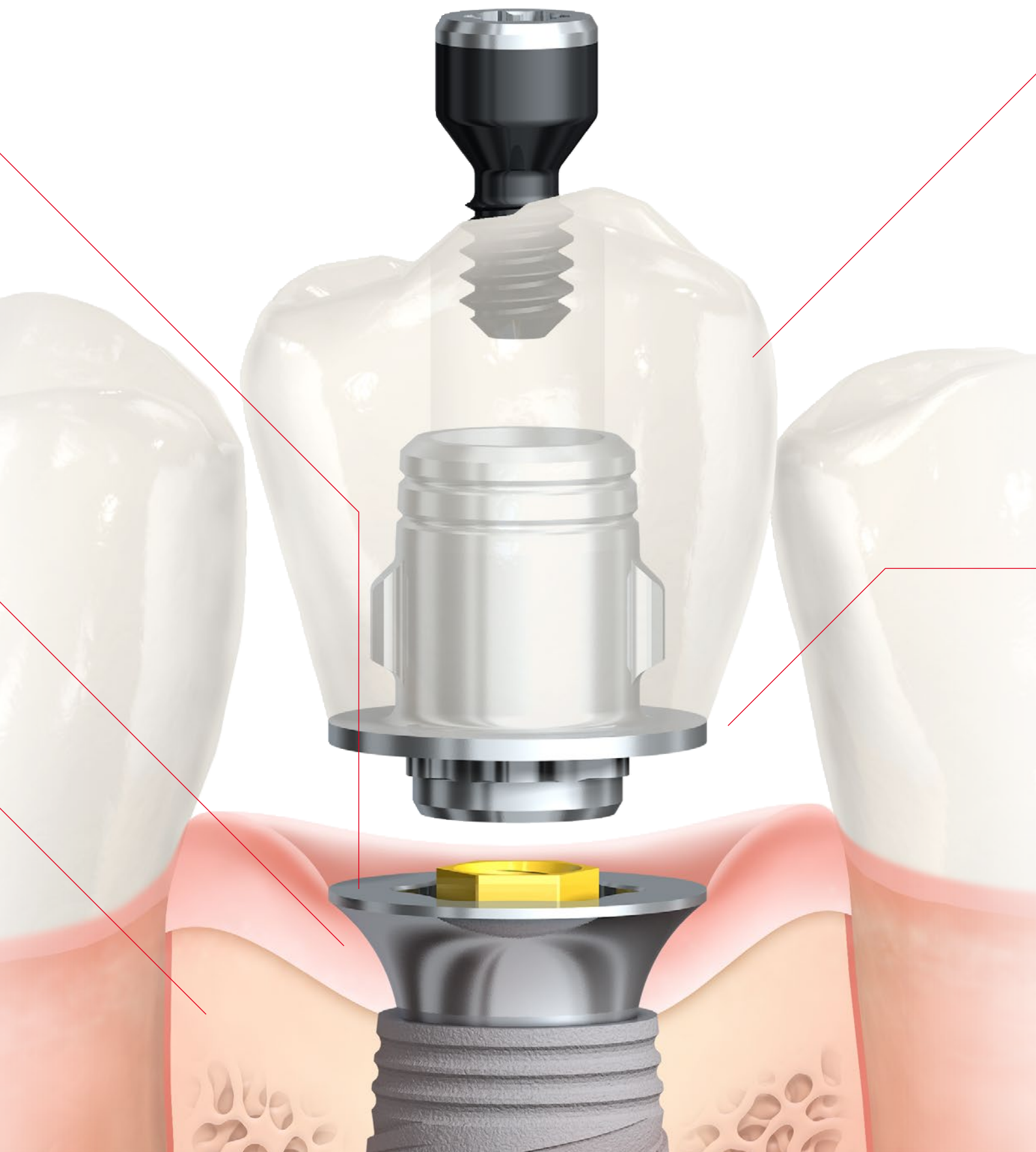


NobelActive



NobelReplace CC

The On1 concept is unique. It's the first concept to preserve the soft tissue attachment and maintain full restorative and surgical flexibility. The On1 concept also radically simplifies the restorative procedure, as it moves the prosthetic platform from bone level to tissue level.

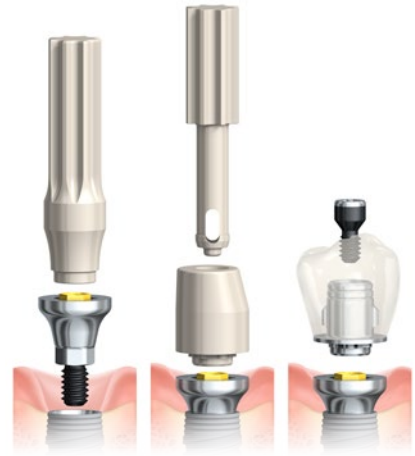


### Choose your preferred workflow

The On1 concept provides you with the option to follow the conventional impression taking workflow or the intraoral scan workflow using the special On1 IOS (Intraoral Scannable) Healing Cap. For easier handling, key components are delivered with a pre-mounted holder.



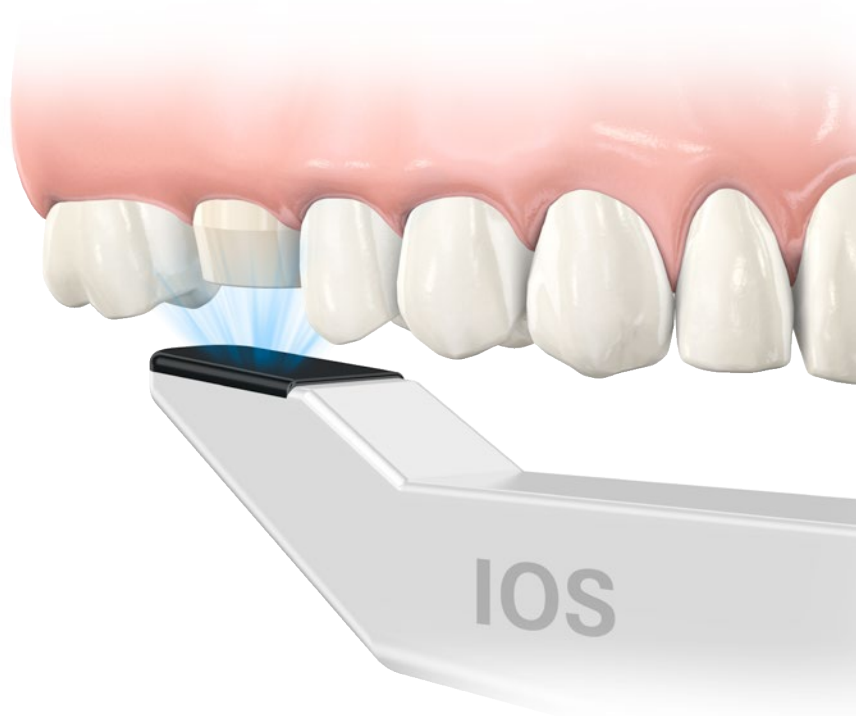
**Option 1:** following the conventional workflow, the On1 Base stays in position while the healing cap, temporary restoration, impression coping and final restoration are placed.



**Option 2:** Following the intraoral scan workflow, only the IOS Healing Cap is used before the final restoration is placed.

### Increase workflow efficiency with intraoral scanning

Save substantial chair time with the unique On1 IOS Healing Cap, which supports an intraoral scan workflow. This eliminates conventional restorative procedures, including impression taking, while also serving as an anatomically shaped healing abutment for optimized soft tissue contouring.







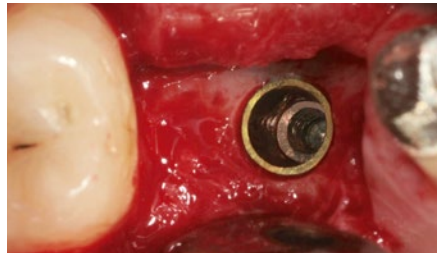
"With On1 you get the best of both worlds – a bone-level implant with built-in platform shifting and restoring at tissue level without disturbing the mucosal seal."

**Dr. Bernard Touati, France**

35-year-old male, missing premolar, non-smoker and good overall tissue health.



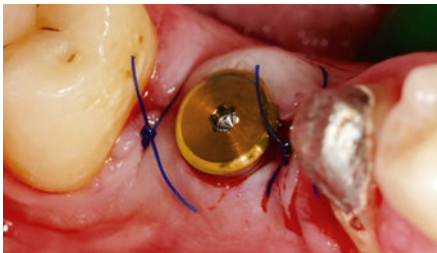
Preoperative clinical situation. Premolar missing.



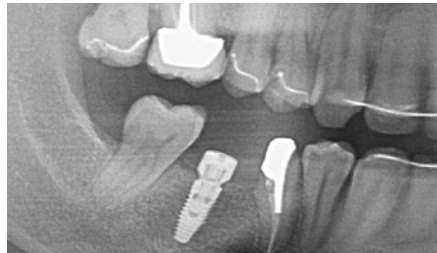
NobelReplace CC RP implant is placed following a flap approach.



The On1 Base is easily seated using the pre-mounted handle.



The On1 Healing Cap is placed and the site is sutured. It is left to heal for three months.



Post-operative X-ray to verify correct seating of On1 components.



The site after nine days of healing.



After three months of healing, the On1 Impression Coping is attached. Impression is taken, now working only at tissue level.



The On1 Universal Abutment is attached to the On1 Base and torqued to 35 Ncm.



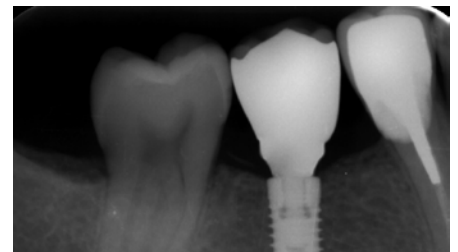
The final crown is attached to the On1 Universal Abutment.



Occlusal view of final restoration.



Lingual view of final restoration.



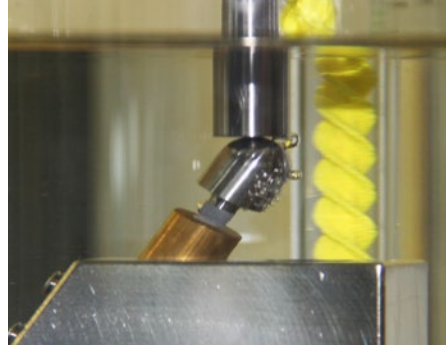
Radiograph after placement of final restoration.

# As strong as ever

Extensive fatigue and strength testing of our systems (ISO 14801) is an integral part of product development at Nobel Biocare. It is designed to ensure our components perform as expected in a clinical setting. The On1 concept has gone through this thorough testing and was shown to be just as strong as any other prefabricated Nobel Biocare titanium abutment.

## The ISO 14801 test:

- Dynamic bending compression tests on the system
- Testing performed in saline solution at 37°C
- Evaluation of the dynamic/fatigue strength performance
- Frequency: 2Hz; Run-out Cycles: 2,000,000
- Evaluation of screw residual torque after testing

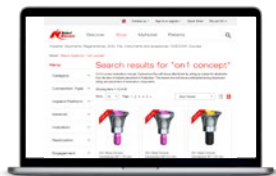


30° off-axis fatigue testing in saline solution.



### Peace of mind

The warranty covers all Nobel Biocare implants including prefabricated prosthetic components. For further information visit [nobelbiocare.com/warranty](http://nobelbiocare.com/warranty)



### Order online

Order the complete range of our implants and prefabricated prosthetics 24 hours a day through the Nobel Biocare online store.

[nobelbiocare.com/store](http://nobelbiocare.com/store)



### Order by phone

Call our customer service team or contact your sales representative.



[nobelbiocare.com/on1](http://nobelbiocare.com/on1)