NobelProcera® Zirconia Implant Bridges support long-term clinical success
Up to 12-year follow-up of 111 NobelProcera® Zirconia Implant Bridges


Study design

337 Nobel Biocare implants

87 partial bridges

24 full-arch

98 patients

Protocols:
Immediate and delayed loading

Clinical relevance

Confidence and reliability: Excellent long-term prosthetic survival, with minimal marginal bone loss independent of bridge type, implant type and connection, or loading protocol.

Healthy soft tissue response: Low rates of peri-implant mucositis and peri-implantitis confirm excellent biocompatibility of zirconia.

Minimal marginal bone loss at restorations connected at both abutment and implant level.

CAD/CAM zirconia frameworks offer precision, passive fit and high material quality: Few technical and biologic complications, credited to industrial design.

This study confirms the success of original prosthetics on Nobel Biocare implants.

The results

- Excellent prosthetic survival of 98.2% with the mean follow-up of 7.2 years.
- Few technical complications and no framework fractures.

- Minimal marginal bone loss of 0.18 mm from definitive prosthesis delivery to last follow-up independent of bridge type, implant type and connection, or loading protocol.

- Minimal marginal bone loss of 0.17 ±0.62 mm for implant-level prostheses and 0.20 ±0.43 mm for abutment-level prostheses.

- Healthy soft tissue with low rates of peri-implant mucositis (2.7%) and peri-implantitis (3.8%) over long-term.

- High patient satisfaction and excellent long-term esthetics.
Sample clinical case from the study

Clinical view at the last visit: 12-year follow-up for the maxillary and 6-year follow-up for the mandibular NobelProcera® Zirconia Implant Bridge.

Panoramic radiograph at the 12-year follow-up for maxillary prosthesis and 6-year follow-up for mandibular prosthesis.

NobelProcera® restorations on Nobel Biocare implants are well documented

At time of publication, November 2021

93 publications
5,137 patients
22,565 Nobel Biocare implants

NobelProcera® Zirconia Implant Bridges provide a reliable long-term treatment option for partial and complete edentulism with no framework fractures.

More to explore

Read the full study
FOR – Framework materials: treatment guidelines
nobelbiocare.com/en-us/nobelprocera-restorations

Image courtesy of Prof Alessandro Pozzi

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