This retrospective analysis of 686 NobelParallel CC implants across a wide variety of indications, demonstrated high implant survival and low marginal bone remodeling, even in challenging clinical situations.


**Study design**
A retrospective, multi-center analysis with up to two years’ follow-up (mean 10 months)

- **686** implants
- **281** patients
- **200** single-tooth
- **295** bridges
- **191** full-arch

**Protocols:** Immediate, early and delayed loading; healed and extraction sites

**Clinical relevance**
Wide versatility: Outcomes not affected by loading protocol, indication, bone quality, or placement in healed vs. extraction sites.

Freely choose between crestal or sub-crestal placement
Both resulted in a healthy peri-implant bone response.

High survival and low bone remodeling credited to conical connection, parallel-walled geometry and tapered tip.

**The results**
High implant survival
- **97.7%** mean cumulative implant survival and success.

Survival rates in challenging situations include:
- **99.2%** immediate placement*
- **98.3%** immediate loading*
- **97.6%** simultaneous bone augmentation
- **97.4%** very soft bone*

Low marginal bone remodeling
Stable marginal bone levels after initial remodeling post-insertion

*survival rates calculated from raw study data
(Data on file, Nobel Biocare Services AG)
Sample clinical case from the study

(a) Preoperative clinical view of a failing maxillary left central incisor. Periapical radiographs were taken (b) prior to tooth extraction, (c) at implant placement (NobelParallel CC narrow platform 3.75, 15 mm long) in a fresh extraction socket followed by immediate provisionalization, and at (d) 12 months and (e) 24 months after implant placement. (f) Clinical view 24 months after implant placement. A natural-looking and healthy soft tissue is seen around the screw-retained, porcelain-fused-to-zirconia crown.

Images courtesy of Quintessence Publishing Company Inc.

NobelParallel is a well-documented, clinically proven implant
At time of publication, November 2021

12 publications
785 patients
1598 implants

If you are looking for a single implant type for your practice, NobelParallel CC is a clinically proven, highly versatile choice.

More to explore

Read the full study
FOR - Implant choice: treatment guidelines
nobelbiocare.com/nobelparallel