

# An open, prospective, single-cohort, multi-center study evaluating NobelReplace® Conical Connection implants supported by single-unit crowns in the maxilla

## Investigators

T-179

**Dr. Edward Gottesman**  
Private practice  
New York, USA

**Dr. Russell Baer**  
Univ. of Chicago, USA

**Prof. Guido Heydecke**  
Universitätsklinikum  
Hamburg-Eppendorf, Germany

**Prof. Werner Zechner**  
Bernhard-Gottlieb-Univ.  
Vienna, Austria

**Prof. Alessandro Pozzi**  
**Prof. Liliana Ottria**  
Univ. of Rome Tor Vergata, Italy

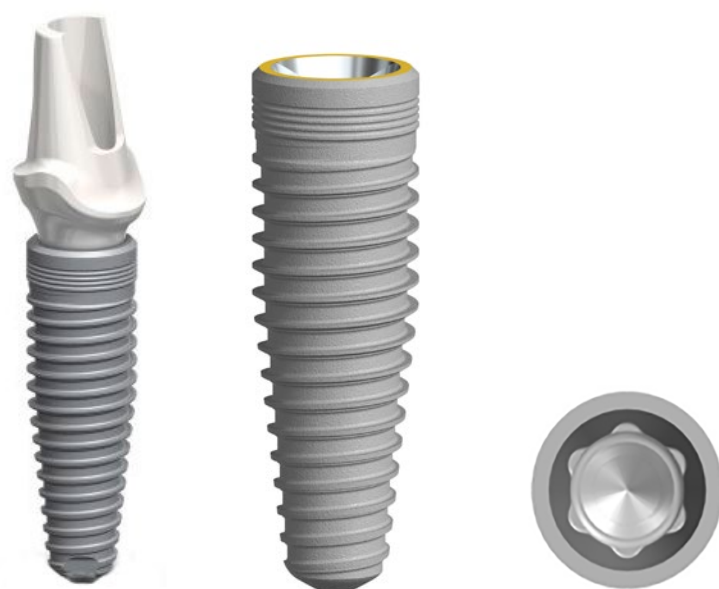
**Dr. Nikolaus Behneke**  
**Prof. Alexandra Behneke**  
Universitätsmedizin Mainz  
Germany

**Dr. Robert Noelken**  
Private clinic, Lindau, Germany

**Prof. Snjezana Colic**  
School of Dentistry  
Univ. of Belgrade, Serbia

## Tapered implants

### NobelReplace CC



Implants  
**101**

Patients  
**96**



Year  
follow-up  
**3**

## Study objective

Evaluation of the clinical performance of NobelReplace Conical Connection implant.

## Study design

- Prospective, 5-year multi-center clinical study
- Immediate loading
- Healed sites
- Maxilla
- Esthetic region (anterior and premolar)

## Key results at 3 years

	1 year <sup>1,2,3</sup>	2 years <sup>2</sup>	3 years <sup>2</sup>
Implant survival	100 %	98.9 %	98.9 %
	Implant insertion to 1 year	1 to 2 years	2 to 3 years
Marginal bone remodeling	– 0.86 mm	0.22 mm	– 0.08 mm

## Conclusion

Immediately loaded NobelReplace Conical Connection implants show high survival rates and stable bone levels 3 years post-insertion. Complementing the bone results, all soft tissue parameters including plaque index, plaque accumulation, bleeding on probing, and pink esthetic score, improve significantly between implant insertion and 3-year follow-up. OHIP-14 questionnaire representing patient quality of life after treatment show a significant improvement from implant insertion to 3-year follow-up.

Status update: Feb 2018

ClinicalTrials.gov: Registration number NCT02175550 [LINK T-179](#)

## Publications

1 Pozzi A. et al. Immediate Temporization of NobelReplace Conical Connection Implants, 1-year Follow-up; poster presentation, IADR Congress, 2014, Capetown, South Africa. [Link to Poster](#)

2 Colic S. et al. Immediate Temporization of NobelReplace Conical Connection Implants, 3-year Follow-up; poster presentation, IADR Congress, Seoul, Republic of Korea, 2016. [Link to Poster](#)

3 Fuegl A. et al. An open prospective single cohort multicenter study evaluating the novel tapered conical connection implants supporting single crowns in the anterior and premolar maxilla: Interim 1-year results. Clin Oral Investig 2017;21(6):2133–42.

[Link to Pubmed](#)