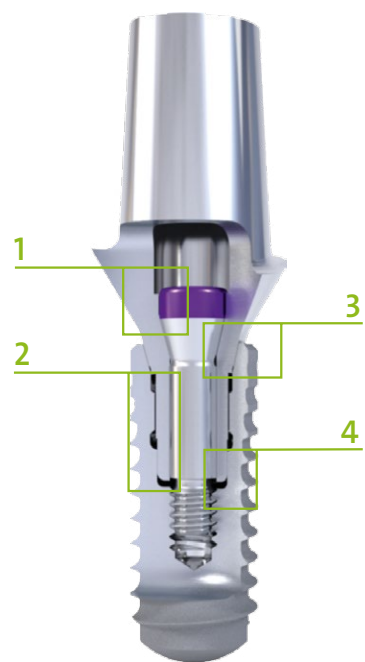


Non-original components – a long-lasting cheaper alternative?

Why you and your patients can benefit from original components



A perfectly matching system

The original Straumann implant-abutment interface – remarkable permanence and durability you can fully rely on

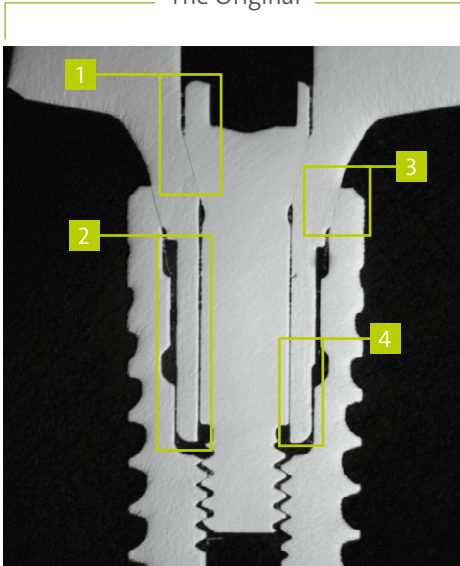
Features

- 1 Conical screw head
- 2 Radial contact surfaces
- 3 Tight conical implant-abutment interface
- 4 Deep implant-abutment engagement

Benefits

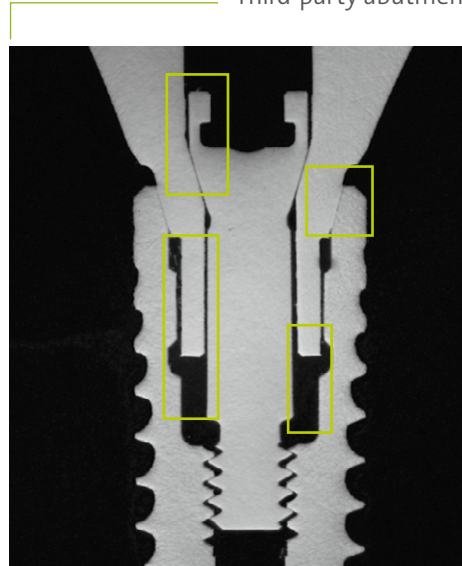
- ▶ No peak stresses
- ▶ Precise guidance
- ▶ Sealed connection
- ▶ High stability

The Original

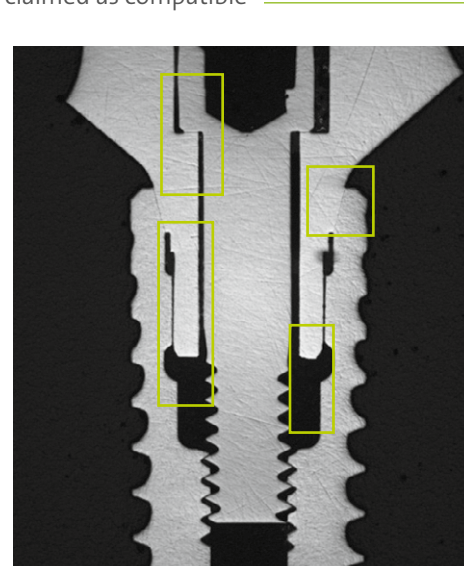


Straumann® CARES® Ti Abutment on Straumann® RC 4.1 Implant

Third-party abutments claimed as compatible



Competitor 1 CAD/CAM Ti abutment on Straumann® RC 4.1 Implant

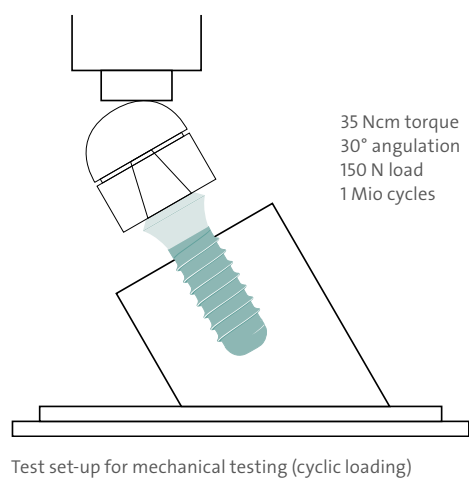


Competitor 2 CAD/CAM Ti abutment on Straumann® RC 4.1 Implant

Section cuts show obvious differences in critical areas of the implant-abutment connection.

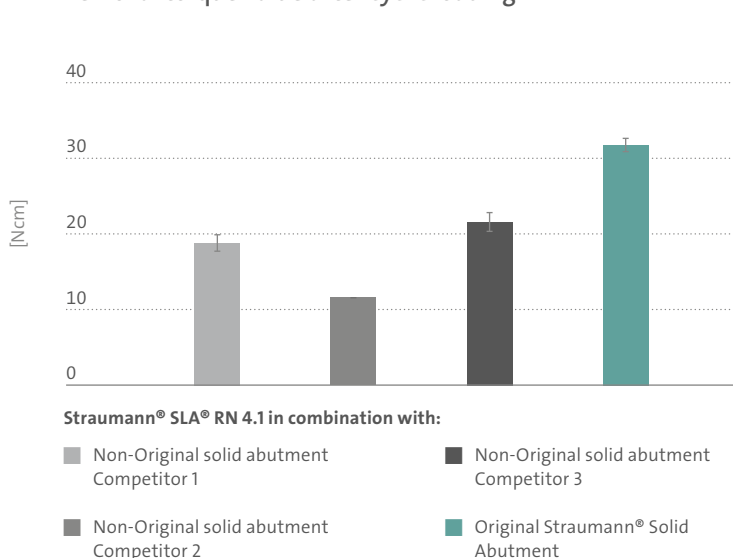
Mechanical performance of 4 different implant-abutment combinations¹

Non-original components may look similar to the original but there can be huge differences in mechanical performance



Test set-up for mechanical testing (cyclic loading)

Removal torque value after cyclic loading



The original Straumann implant-abutment system shows the smallest effect of screw loosening – reflected by the highest removal torque after cyclic loading.

Long-term clinical performance of original components

A 10-year retrospective study on Straumann original prosthetic components²



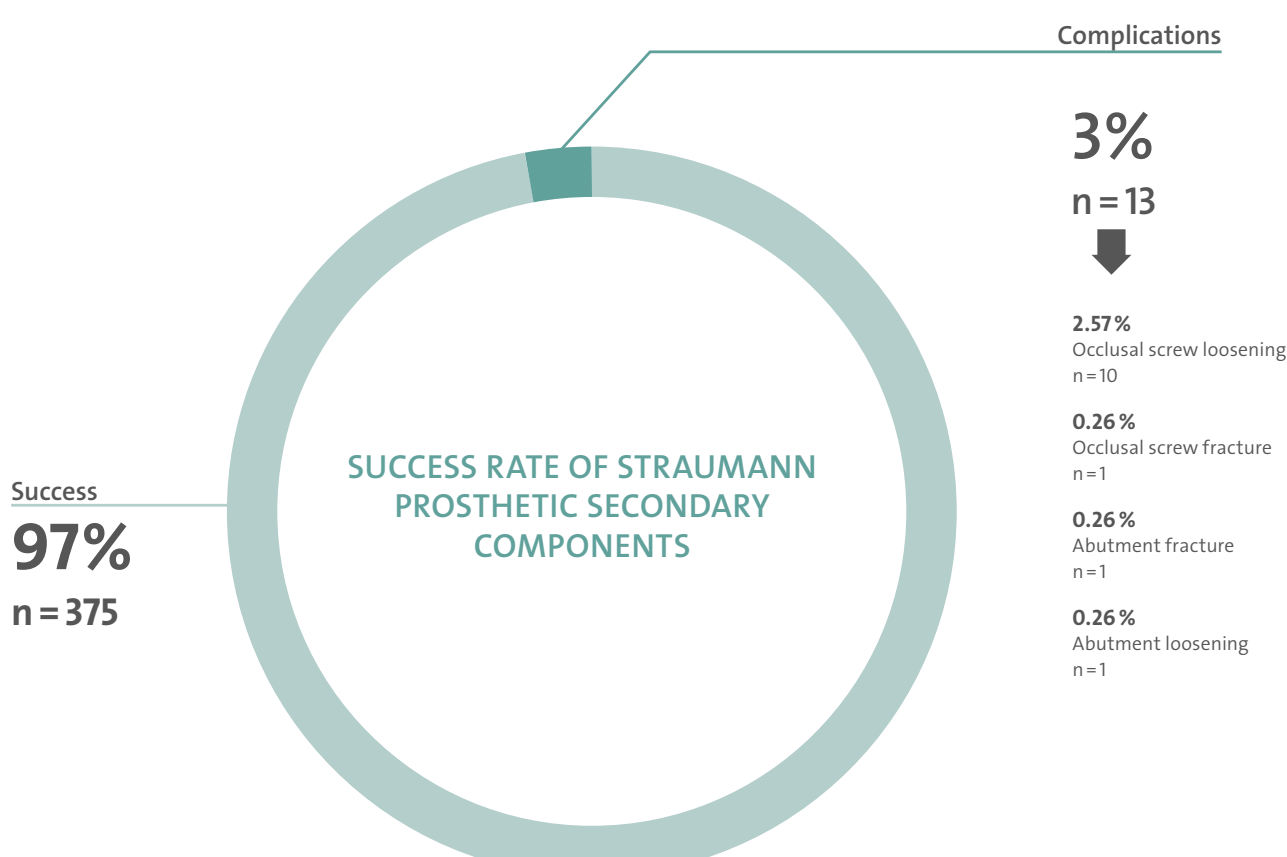
303
Patients



388
Implants survived



10 Years
Implant loading



97% success rate for Straumann original³ prosthetic secondary components after 10 years

Conclusion

Benefits of original components are:

- a perfectly matching system
- excellent mechanical performance
- proven long-term clinical success

Building the foundation for a long-lasting successful restoration on Straumann implants.

¹ Kim SK, Koak JY, Heo JS, Taylor TD, Ryoo S, Lee SY: Screw loosening with interchangeable abutments in internally connected implants after cyclic loading. Int J Oral Maxillofac Implants 2012; 27:42-47 ² Wittneben JG, Buser D, Salvi GE, Bürgin W, Hicklin S, Brägger U.: Complication and Failure Rates with Implant-Supported Fixed Dental Prostheses and Single Crowns: A 10-Year Retrospective Study. Clin Implant Dent Relat Res. 2013 Apr 2 [Epub ahead of print] ³ pers. comm. Dr. Wittneben: For 278 out of the 303 patients 100% original Straumann prosthetic components could be verified, 25 patients could not be reached anymore as dentists were retired.