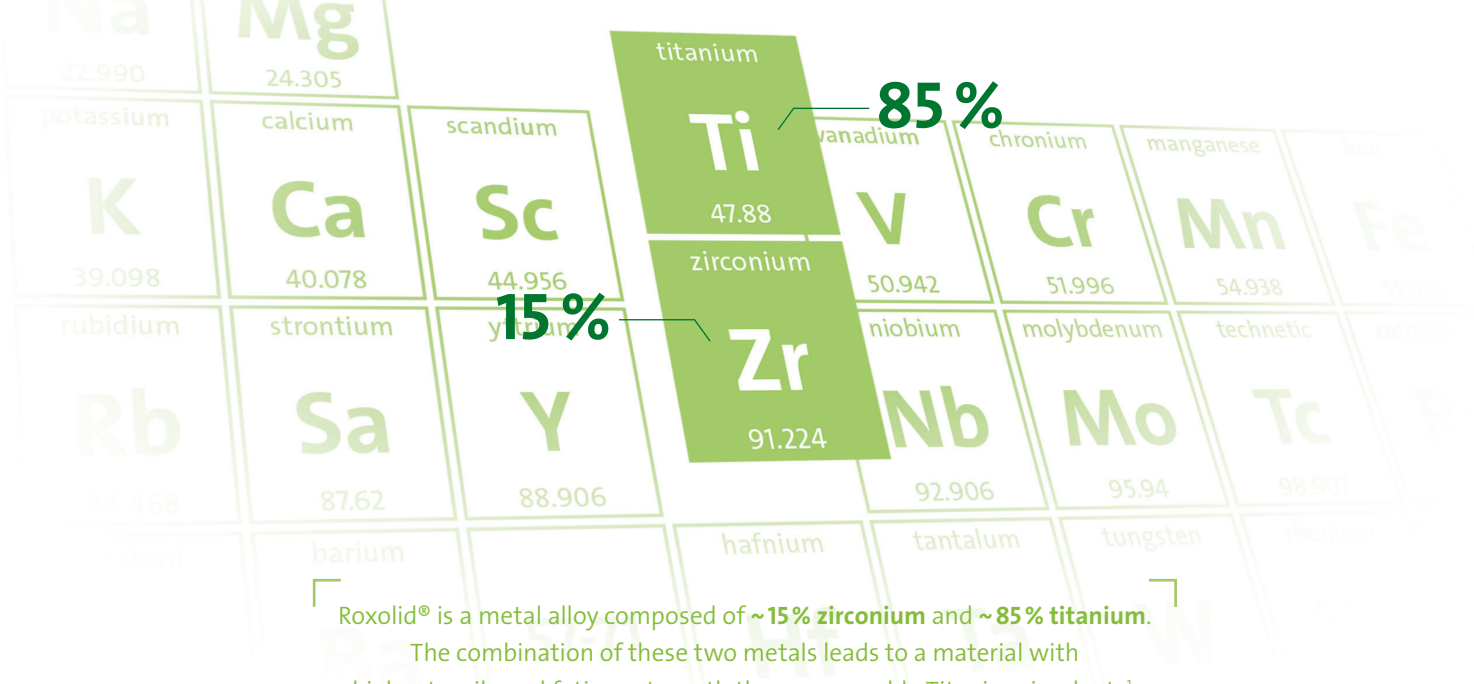


More than solid – Roxolid®

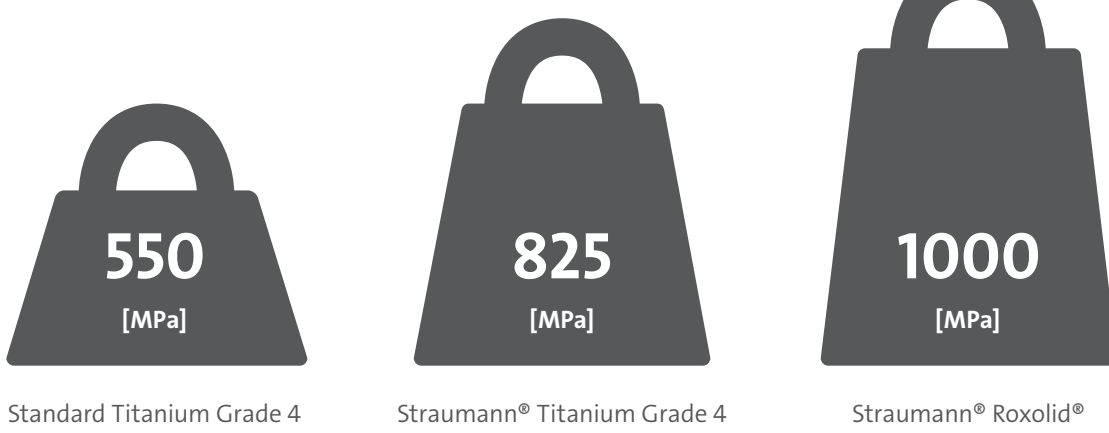
Did you know?

1. Roxolid® is stronger than Titanium Grade 4



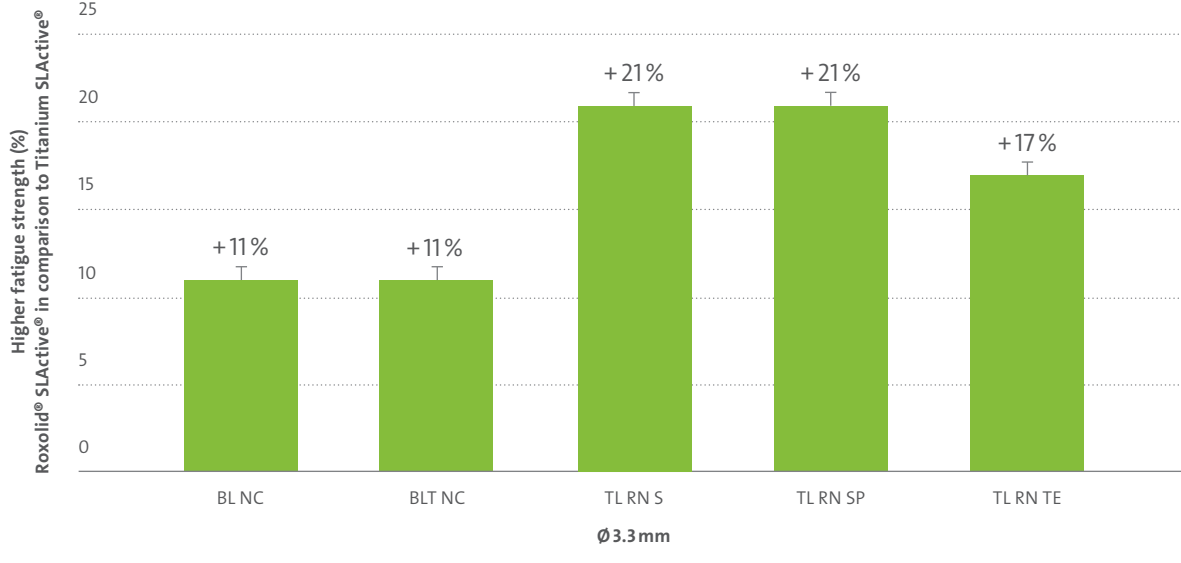
Higher tensile strength

Ultimate tensile strength is the maximum force that a material withstands without breaking



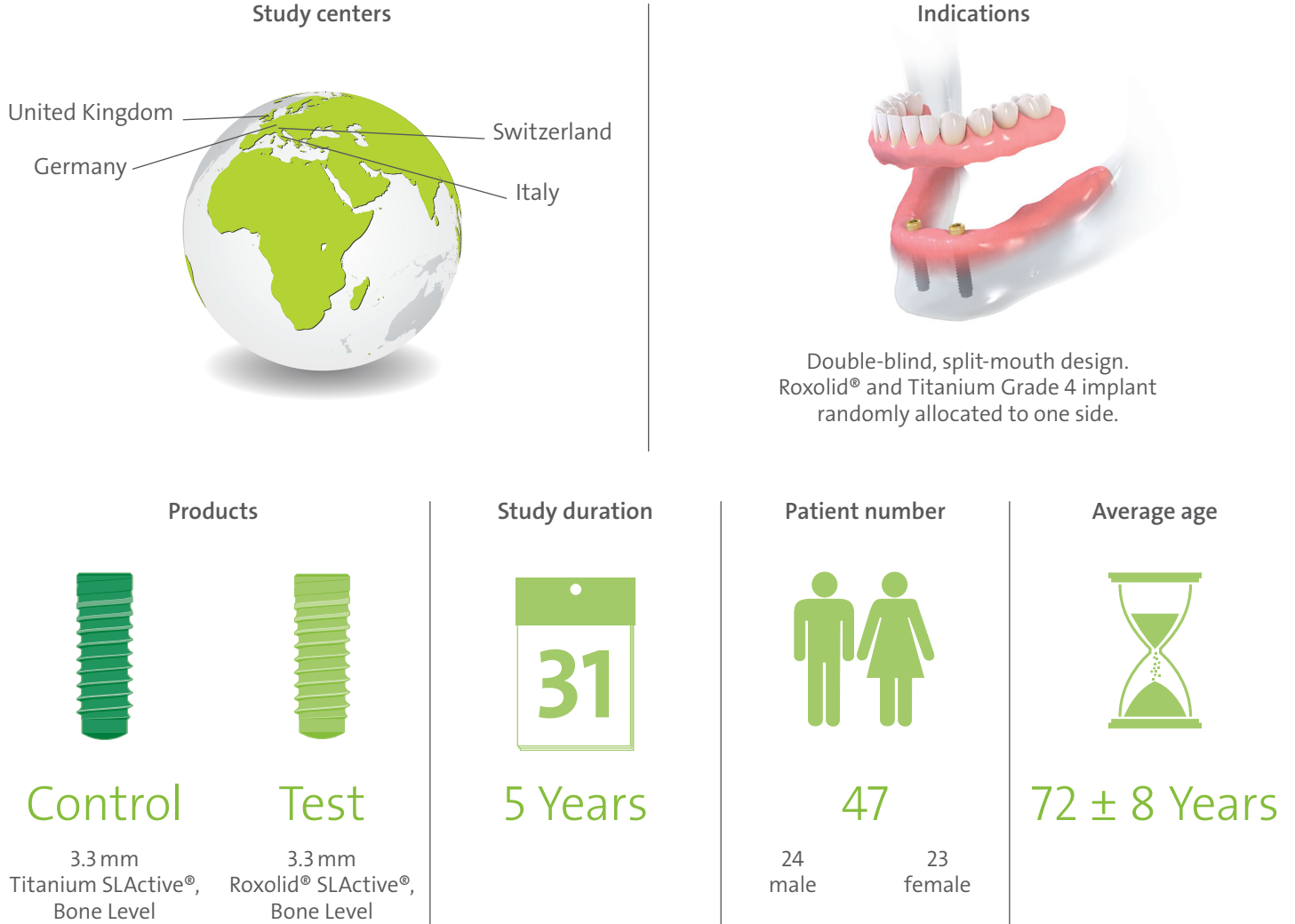
Higher fatigue strength

Fatigue strength is the long-term capability of the implant to withstand normal masticatory forces



2. Success and survival of Roxolid® implants is maintained over time

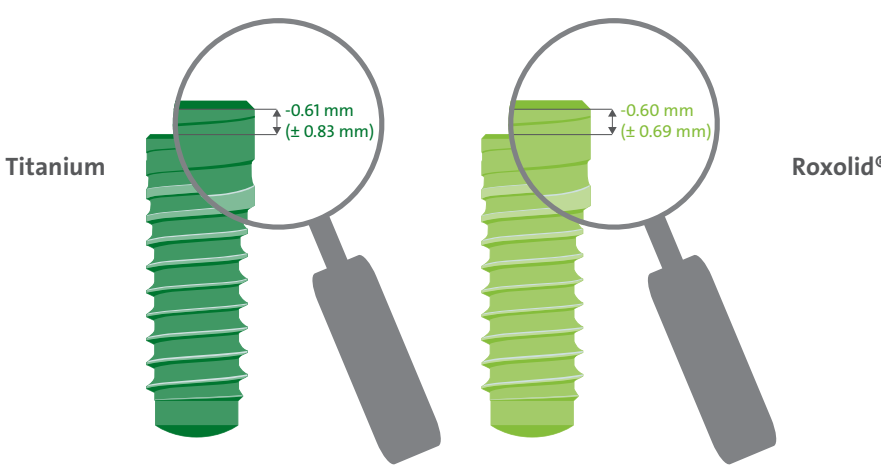
Study design²



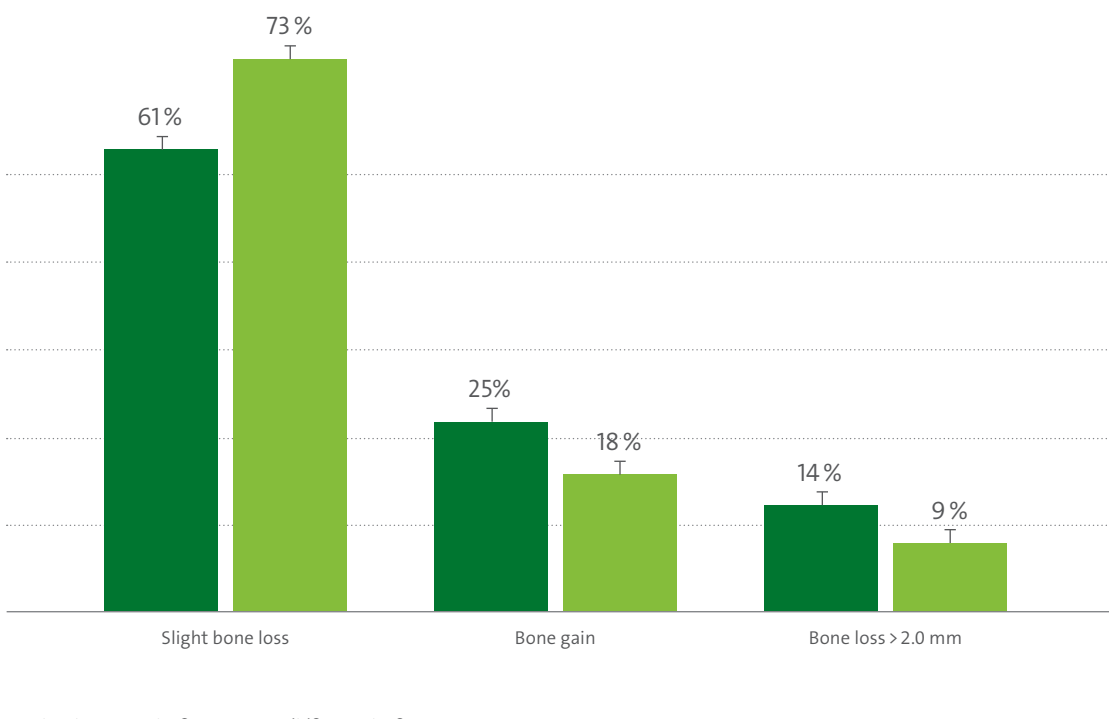
Results

There is no statistical difference between the crestal bone level changes for Roxolid® compared to titanium implants five years after implant placement.

Bone level change



The majority of implant sites showed crestal bone loss between 0 and 1.0 mm, or crestal bone gain.



Implant survival



Roxolid® implants provide a clinically validated safe and reliable alternative to Titanium Grade 4 implants. The improved mechanical properties of Roxolid® extend the indications in implant therapy to more challenging clinical situations and allow promoting a minimal invasive treatment approach.

3. Straumann® extends their Roxolid® implant guarantee



Straumann® has so much confidence in the quality and durability of every Roxolid® implant, that we offer an industry-leading guarantee. The Roxolid® Lifetime Plus Guarantee not only covers the implant, but also part of the treatment cost in case of an implant fracture.

¹Medvedev A, Molotnikov A, Lapovok R, Zeller R, Berner S, Habersetzer P et al. (2015). Microstructure and mechanical properties of Ti-Grade4 versus Ti-15Zr used as materials for dental implants (submitted). ² Müller F, Al-Nawas B, Storelli S, Quirynen M, Hicklin S, Castro-Laza J et al. (2015). Small-diameter titanium grade IV and titanium-zirconium implants in edentulous mandibles: five-year results from a double-blind, randomized controlled trial. BMC Oral Health. 2015 Oct 12;15(1):123. (1):123.1186/s12903-015-0107-6.