



Straumann® Standard Plus Short Implant

More than a short implant.
A new world
of possibilities.



60 YEARS

 **straumann**
simply doing more

More than a less invasive solution. A practice differentiator.

IMPROVE PATIENT ACCEPTANCE

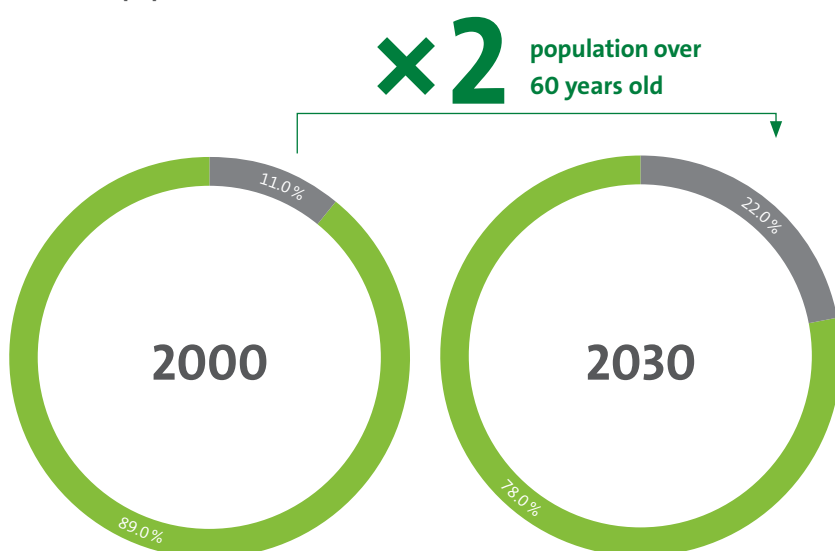
Clinicians around the world are telling us their patients are more aware of what treatment options are available for teeth replacement therapy. Expectations are increasing but nevertheless many patients are reluctant to accept an implant treatment and are especially apprehensive if they require a bone augmentation procedure.

As life expectancy and the ageing population increase¹, there will be more opportunities to treat patients with:

- Severely resorbed mandibles
- Limited available bone
- Poor bone quality

At Straumann we strive to provide patients and clinicians with options that align with their needs. We give clinicians the ability to offer solutions to potentially treat patients who before may not have been candidates for implant therapy.

Worldwide population¹





SHORT LENGTH – BIG POSSIBILITIES

The Straumann® Standard Plus Short (SPS) Implants, at 4 mm long, is the shortest screw-type implant with internal connection on the market. It is indicated for fixed or removable dental restorations in situations with a severely resorbed jaw bone. The SPS Implant gives you more flexibility to treat patients without complex vertical bone augmentations.

The SPS Implants are specifically for use in:

- Fixed partial dentures/splinted units (one implant per unit) (Figure 1)
- Pontic cases in combination with at least one longer implant (Figure 2)
- Fully edentulous cases with at least two SPS Implants in combination with 2 longer implants in the anterior region (Figure 3)



Figure 1
Fixed partial denture/splinted units



Figure 2
Pontic in combination with longer implant



Figure 3
Fully edentulous

More than Straumann's best technologies. A highly predictable treatment solution.

COMBINATION OF TECHNOLOGIES WITH PROVEN SUCCESS

The Straumann® Standard Plus Short Implant is part of the Roxolid® SLActive® Implant portfolio, meaning that it includes all of the great features and benefits that have made the entire lineup so successful.

Loxim™ Transfer Piece

The new Loxim™ Transfer Piece is connected to the implant with a snap-in mounting. Its design offers easy handling without couter-maneuvering and protection against over-torqueing.

SLActive® Surface Technology

Proven success designed to deliver:

- Safer and faster treatment in 3–4 weeks for all indications⁵
- Higher treatment predictability in challenging protocols⁵
- Broader treatment possibilities even for patients with compromised health⁵



Internal synOcta® Connection

Well known Morse taper design for its mechanically locking friction, with an 8° cone and an octagon for a flexible repositioning of prosthetic parts.

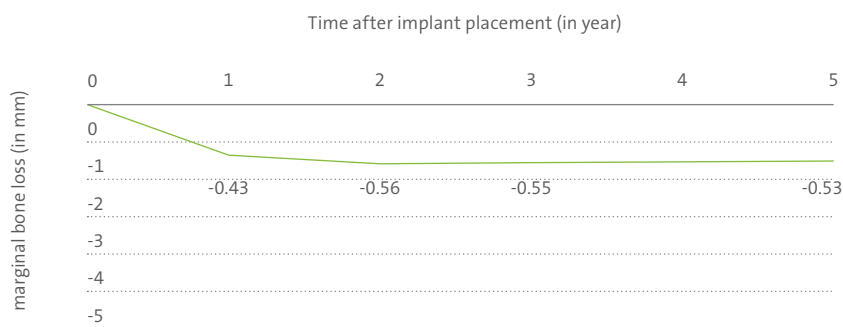
More than solid – Roxolid®

Straumann's award-winning titanium-zirconium alloy has higher tensile strength than pure titanium² and has demonstrated improved osseointegration properties^{3,4} over Straumann's Titanium SLActive® Implants.

5-YEAR SUCCESS WITH SPS IMPLANTS

The 5-year data of a multicenter clinical study with the 4 mm implants showed a high survival rate of 94% with a minimal marginal bone loss and healthy peri-implant conditions.

This demonstrated that 4 SPS Implants can be used in fixed partials denture in severely resorbed mandibles without the need for bone augmentation.⁶



More than a new 4 mm long implant. A perfect fit within your existing workflow.

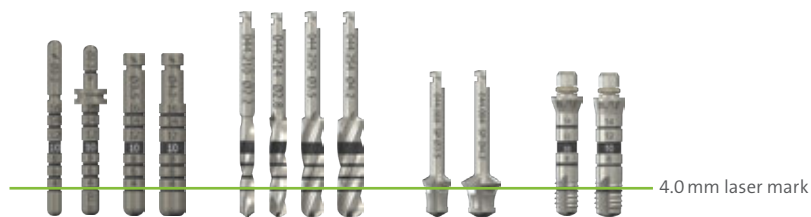
SPS IMPLANTS PORTFOLIO

- The 4 mm implants are Soft Tissue Level implants with the Standard Plus neck of 1.8 mm, allowing flexible coronal implant placement in combination with trans- or subgingival healing.
- The prosthetic platforms are the existing Regular Neck (RN) and Wide Neck (WN) platforms giving full access to the entire Soft Tissue Level prosthetic portfolio.

| SPS Implants | RN | RN | WN |
|-------------------|---|---|---|
| |  |  |  |
| Roxolid SLActive® | SP Ø 4.1WN | SP Ø 4.8RN | SP Ø 4.8WN |
| 4.0 mm | 033.043S | 033.044S | 033.045S |

ONE SURGICAL KIT, ONE IMPLANT SYSTEM, ALL INDICATIONS

- The Straumann® Surgical Kit and Prosthetic Kit can be used for all implant lines of the Straumann® Dental Implant System.
- The required drills, taps and alignment pins have been adapted for the SPS Implants.



REFERENCES

1 WHO: <http://www.who.int/ageing/about/facts/en/index.html> 2 Norm ASTM F67 (states min. tensile strength of annealed titanium) 3 Gottlow J, Dard M, Kjellson F, Obrecht M, Senneryby L. Evaluation of a new titanium-zirconium dental implant: a biomechanical and histological comparative study in the mini pig. *Journal of Clinical Implant Dentistry and Related Research* 2012; 14: 538–545 4 Wen B et al. The osseointegration behavior of titanium-zirconium implants in ovariectomized rabbits. *Clin Oral Implants Res.* 2013 Feb 21. 5 <http://www.straumann.com/slactiveref> 6 Slotte Christer et al, Four-mm implants supporting fixed partial dentures in the posterior mandible. 5-year results from a multicenter study. Presented at the 20th Annual Scientific Meeting of the European Association of Osseointegration, 10-13 October 2012, Copenhagen, Denmark.

International Headquarters

Institut Straumann AG

Peter Merian-Weg 12

CH-4002 Basel, Switzerland

Phone +41 (0)61 965 11 11

Fax +41 (0)61 965 11 01

www.straumann.com

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