More than solid – Roxolid®.

Reducing invasiveness.

Roxolid®

straumann
simply doing more

More than a less invasive solution.

Increasing patient acceptance.

Dental implants are a well-established and predictable treatment option to replace missing teeth. Nevertheless, many patients are reluctant to accept an implant treatment and are especially apprehensive if they require a bone augmentation procedure. Therefore, clinicians and patients are looking for products that reduce the invasiveness of the procedure or increase the speed of osseointegration.[1]

AVOIDING INVASIVE GRAFTING PROCEDURES OFFERS YOU AND YOUR PATIENTS NUMEROUS BENEFITS:

YOUR BENEFITS[2]

- Shorter treatment time
- Less complexity
- Potential to gain more patients for implant treatment

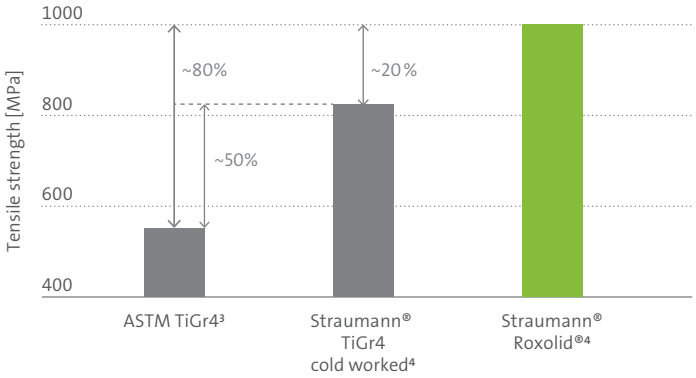
YOUR PATIENTS' BENEFITS[2]

- Shorter treatment time
- Faster healing and less pain
- Less operative trauma and post-operative discomfort
- Less expensive

Straumann® Roxolid® is the new standard for less invasive treatment procedures![9]

More than solid.
Roxolid®.

Roxolid® is a groundbreaking material specifically designed for the use in dental implantology. The titanium-zirconium alloy is **stronger** than pure titanium[3,4] and has **excellent osseointegration** properties[5,6,7]. This combination of properties is **unique** in the market – there is no other metallic alloy which unifies high mechanical strength and osteoconductivity.



Mechanical tests have proven the excellent mechanical properties of Roxolid®.[3,4]


VEGA

More than smaller implants.
More treatment options.

Thanks to their outstanding mechanical and biological properties, Roxolid® Implants offer more treatment options than many other small-diameter implants. In comparison to Straumann® Titanium Ø 3.3 mm Implants, Roxolid® Ø 3.3 mm Implants allow you to cover the following indications:

Single-tooth restorations in the anterior and premolar region
- No limitation to lateral incisors in the maxilla or central and lateral incisors in the mandible

Bridges on two Roxolid® Ø 3.3 mm Implants
- No combination with larger implant needed
- No splinting of suprastructure needed

Full denture on two Roxolid® Ø 3.3 mm Implants
- No need for more than 2 implants in the mandible

More than preserving bone.

Enjoying less invasive procedures.

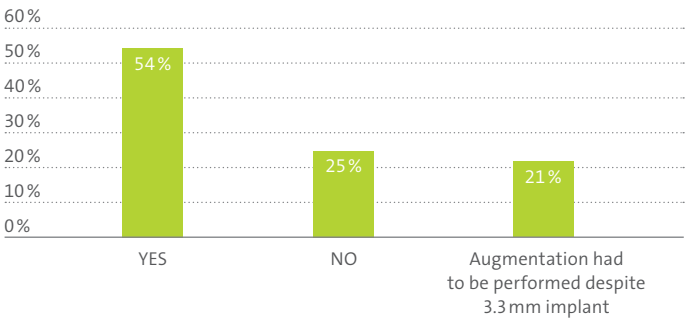
Thanks to their outstanding mechanical and biological properties, Roxolid® Implants may allow you to use smaller implant diameters with the same clinical performance as shown by titanium regular-diameter implants[8]. Smaller-sized implants have the potential to preserve peri-implant structures and avoid invasive bone grafting procedures.

USE OF SMALLER-SIZED IMPLANTS ALLOWS TO KEEP VITAL STRUCTURES AND VASCULARIZATION

A randomized controlled clinical study has demonstrated that Roxolid® Ø 3.3 mm Implants do not perform differently from Titanium Ø 4.1 mm Implants when used for anterior and premolar single crowns[8].

REDUCED IMPLANT SIZE CAN ELIMINATE THE NEED FOR GBR PROCEDURES

Participants of a clinical non-interventional study stated that for 54 % of the implants placed, a bone augmentation procedure could be avoided due to the use of Roxolid® Ø 3.3 mm Implants[9].



Increase patient acceptance of implant treatment by providing less invasive solutions[2] with Straumann® Roxolid®.

More than stronger performance.
More freedom of choice.

The Roxolid® Implant portfolio comprises all Straumann implant lines, diameters and lengths. Straumann® Roxolid® Implants are available with the well-documented SLA® surface and the highly osteoconductive SLActive® surface. This gives you freedom of choice and allows you to offer your patients a solution that fulfills the specific requirements of each individual situation.

ROXOLID® PORTFOLIO

	S	SP	NNC	SPS	TE	BL	BLT
Roxolid® SLA®	■	■	■		■	■	■
Roxolid® SLActive®	■	■	■	■	■	■	■

S Straumann® Standard Implant
SP Straumann® Standard Plus Implant
NNC Straumann® Standard Plus Narrow Neck CrossFit® Implant
SPS Straumann® Standard Plus Short Implant
TE Straumann® Tapered Effect Implant
BL Straumann® Bone Level Implant
BLT Straumann® Bone Level Tapered Implant

More than security.
Peace of mind.

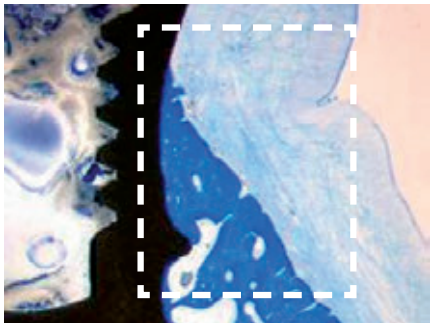
Roxolid® SLActive® Implants **combine Straumann's best material and surface** technologies and offer additional benefits to Roxolid® SLA®.

THEY ARE DESIGNED TO DELIVER

- **Higher security in all indications**[10,11]
- **Predictable treatment success even in challenging cases**[12]
- **Practice differentiation offering new treatment possibilities**

Roxolid® SLActive® Implants are a perfect solution for both **standard indications and challenging cases,** i.e. limited bone volume, immediate loading, compromised healing, etc.

SLActive®



80 % BIC after 12 weeks

SLA®

5 % BIC after 12 weeks

Preclinical studies in dogs showed that SLActive® Implants promote the production of significantly greater and more mature bone than SLA® Implants.

SLActive® may have a high potential to support osseointegration in dehiscence-type defects[13].

More than 4 mm.
A practice differentiator.

With the Straumann® Standard Plus Short Implant, vertical space is no longer a limitation.

- **Shortest** screw-type implant with internal connection on the market provides you with additional treatment options.
- Perfectly suitable for the treatment of partially and fully edentulous patients with very **limited vertical bone availability** in the posterior region.
- Possibility to treat patients **without complex vertical bone augmentations.**
- **5-year clinical data** showing a high survival rate of 94 % and a mean marginal bone loss of 0.5 mm after 5 years[14].

More than a less invasive solution.

Setting new standards.

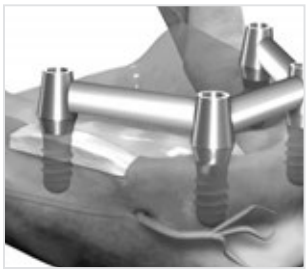
Roxolid® Implants allow you to choose smaller-diameter implants in order to **avoid grafting procedures.**

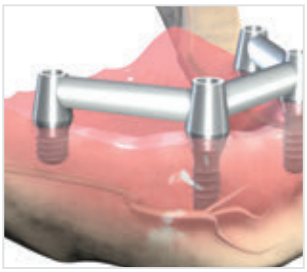
Conventional

Less invasive

Roxolid® SLActive® Short Implants allow you to treat your patients with severely atrophied posterior mandibles **without complex vertical bone augmentations.**

Roxolid® SLActive® Short Implants may **reduce the invasiveness and the complexity** of implant cases.





More than just a transfer piece.
Easy handling.

All Straumann® Roxolid® Implants are delivered with the new Loxim™ Transfer Piece, which is connected to the implant with a snap-in mounting. Its design offers various new features and benefits.

FEATURES	BENEFITS
Snap-in mounting ...	... for easy handling without counter-maneuvering
Blue color ...	... for high visibility
Compact dimensions ...	... for easy access
Height markings ...	... for correct implant placement
Pre-determined breaking point ...	... for protecting the inner implant configuration

COMPARED TO THE SCREW-RETAINED TRANSFER PIECE, THE LOXIM™ OFFERS YOU MANY ADVANTAGES:

Easier handling with the Loxim™ Transfer Piece

Old
Screw-retained transfer piece

New
Loxim™ Transfer Piece

- **No Holding Key**
- **No counter-maneuvering**
- **Detaches with Adapter**

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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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