



More than solid — Roxolid®.

Reducing invasiveness.





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 BENEFITS²

- 1
- · Shorter treatment time
- Less complexity
- Potential to gain more patients for implant treatment

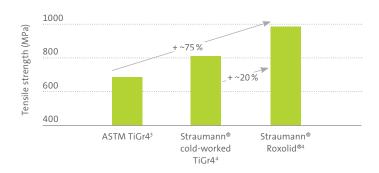
YOUR PATIENTS' BENEFITS²

- · 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}.



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 implants⁸. Smaller-sized implants have the potential to preserve peri-implant structures and avoid invasive bone grafting procedures.

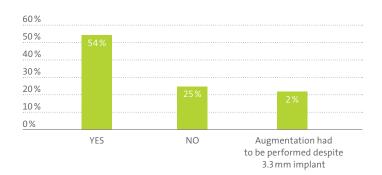


USE OF SMALLER-SIZED IMPLANTS ALLOWS TO KEEP VITAL STRUCTURES AND VASCULARIZATION

A randomized controlled clinical study has demonstrated that Roxolid® \emptyset 3.3 mm Implants do not perform differently from Titanium \emptyset 4.1 mm Implants when used for anterior and premolar single crowns8.

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 Implants9.



Increase patient acceptance of implant treatment by providing less invasive solutions² with Straumann[®] Roxolid[®].





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

Loxim™		l		l		
	S	SP	NNC	SPS	TE	BL
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

More than security. Peace of mind.

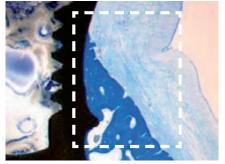
Roxolid® SLActive® Implants **combine Straumann's best material and surface** technologies and offer additional benefits to Roxolid® SLA®.

THEY ARE DESIGNED TO DELIVER

- · Higher security in all indications 10,11
- Predictable treatment success even in challenging cases¹²
- · Practice differentiation offering new treatment possibilities

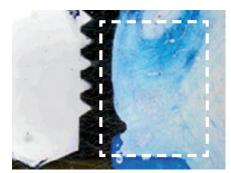
Roxolid® SLActive® Implants are a perfect solution for both **standard indications and challenging cases,** i.e. limited bone volume, immediate loading, compromised healing, etc.

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 defects¹³.

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 years¹⁴.



More than a less invasive solution. Setting new standards.

Roxolid® Implants allow you to choose smallerdiameter 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

Snap-in mounting ...

Blue color ...

Compact dimensions ...

Height markings ...

Pre-determined breaking point ...



BENEFITS

- ... for easy handling without counter-maneuvering
- ... for high visibility
- ... for easy access
- ... for correct implant placement
- ... 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



REFERENCES

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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