



More than just beautiful teeth.

A new quality of life
with dental implants.

More than tooth replacement.

Today's standard of care.

Dental implant treatment can improve quality of life, comfort and esthetics – with teeth that look, feel and function like your natural teeth.

What is a dental implant?

A dental implant is a small, but strong, clinically supported device made of titanium or titanium-zirconium, which is inserted into the jaw bone in place of a missing tooth root. An implant acts as support for an artificial tooth crown or bridge, and is surgically placed under local anesthesia on an outpatient basis.

Effects of missing teeth

A missing tooth or teeth can take away from the smile that's really you, but tooth loss can have many negative effects on your oral health, including:

- Bone loss
- Shifting and drifting teeth
- Bite changes and chewing difficulty
- Wearing down of remaining teeth
- Changes in the jaw joint

- 1** Natural tooth
- 2** Dental implant
- 3** Tooth crown



Every surgical procedure carries potential risks. You should always consult with a dental professional prior to treatment. Potential risk factors may vary depending on medical or other conditions of each patient.

WHY DENTAL IMPLANTS ARE THE BEST SOLUTION TO REPLACE MISSING TEETH:

Bone grows and bonds to the implant surface

A dental implant is simply an artificial root that merges with your bone and acts like a natural tooth root.



Natural looking and feeling

An implant-supported restoration looks and feels like a natural tooth – there is no visible difference or special care required.



Preserve jaw bone and facial structure

Implants transmit chewing forces to the jaw bone, which helps maintain bone and facial structure. If tooth roots are missing, these forces cease and the bone may slowly recede and cause shifting teeth and facial shape changes.



Maintain adjacent natural teeth

Unlike bridges, a dental implant replaces a natural tooth root, and does not require that adjacent natural teeth be ground down to provide support, so your remaining teeth stay intact.



Dental implant:
Adjacent teeth remain intact.



Conventional bridge:
Adjacent teeth are ground down for support.

Straumann dental implants

Treatment options.

Whether you are missing one tooth or all of your teeth, Straumann dental implants offer you options most like your natural teeth.

Single-tooth replacement



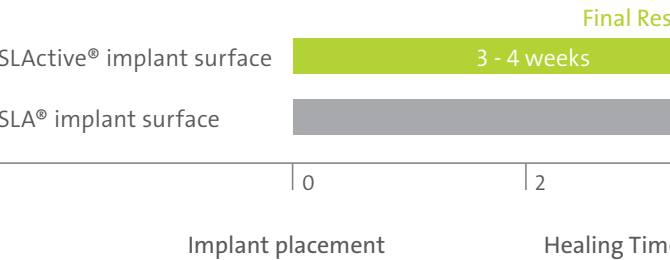
Fig. 1: The implant replaces the missing tooth root and supports an artificial tooth crown.

Multiple-tooth replacement



Fig. 2: The implants replace multiple teeth and support a dental bridge.

EXAMPLE OF TREATMENT TIMELINE WITH STRAUMANN IMPLANTS



Fixed implant-supported dentures



Fig. 3: Fixed, or non-removable, implant-supported dentures are attached to four or more dental implants to support a full bridge.

Removable implant-supported dentures



Fig. 4: Removable implant-supported dentures can also provide a better fit and higher stability than conventional dentures. The denture attaches to implants and can be removed at home for daily cleaning.

storation

Final Restoration

6 - 8 weeks

4

6

8

e (implant is bonding with the jaw bone)

The journey towards a new smile:

The implant procedure.

Diagnosis and planning:

Your implant team will plan your case and discuss treatment options with you.

Implant placement:

Your implant specialist will place the implant under local anesthesia.

Temporary restoration:

If the implant is in a visible area, a temporary restoration may be placed while the site heals.

Healing phase:

The bone around the implant grows and integrates with the implant surface during the healing phase, which will last between 3 weeks and a few months depending on the type of implant placed (see healing time examples illustrated on previous page).

Placement of implant abutment:

When healing is complete, your dentist will place the final abutment, a small piece that connects the implant to the crown. An impression of the implant site will be taken to create the crown, bridge or denture.

Final crown:

The final crown is returned from the lab and will be placed by your dentist.



Implant placement



Placement of implant abutment



Final crown



Your quality of life: priceless.

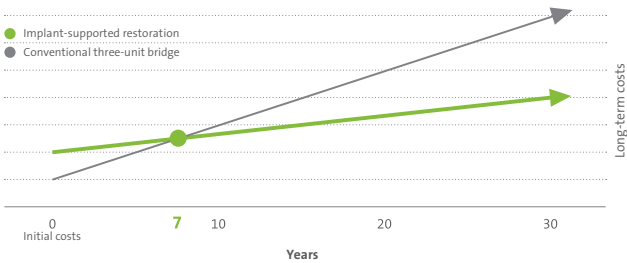
Your health is your wealth, and Straumann dental implant solutions provide:

- Better quality of life
- Comfort and convenience
- Improved oral health and physical appearance

You cannot put a value on your health when deciding between dental implants and conventional restorations, and studies suggest that implants may be less expensive in the long term.^{1,2}



- Dental implants are a cost-effective alternative to conventional restorations and improve oral health-related quality of life.¹
- Especially for single-tooth replacement, an implant is a cost-effective treatment option in comparison to a conventional three-unit bridge.^{1,2}
- For the replacement of multiple teeth, dental implants are associated with higher initial costs, but improvements in oral health-related quality of life compared with other treatment options.¹



Graph: After 7 years, the costs for a single-tooth dental implant restoration pay off and the long-term maintenance costs are lower than for a conventional three-unit bridge.²

Why dentists trust Straumann.

Straumann is one of the best choices for your dental implants – built on a foundation of **quality, scientific evidence, and leading-edge technology.**

Worldwide Leader, Worldwide Trust

Recognized as a leading provider of dental implants since 1974, more than 14 million Straumann implants have been sold to clinicians in over 70 countries. Rest assured that no matter where life takes you, care for you and your Straumann dental implants is nearby.

Clinical Excellence

Straumann dental implants are one of the most well documented systems with more than **35 years of extensive scientific and clinical evidence, supported by more than 700 scientific publications³** – few implant companies can make that claim.

Swiss Quality and Precision

Straumann is well known for its commitment to quality and reliability. With Swiss precision engineering roots, Straumann implants and components are manufactured under exacting processes and held to the highest quality standards.

Supported by Science

Straumann dental implants have shown a 97% survival rate in long-term clinical studies.⁴ This 10-year survival rate (meaning the implant is still secure in a patient's mouth) is one of the highest observed to date.

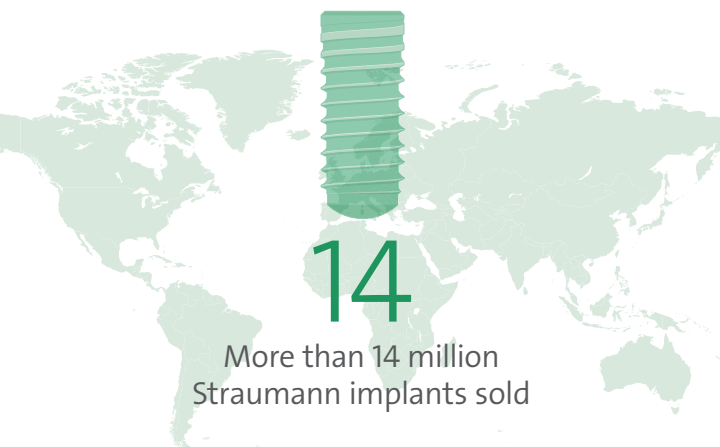


Committed to meeting patient needs.

LEADING IMPLANT SURFACE AND MATERIAL

Straumann offers some of the most advanced dental implant surfaces and high performance implant materials available. These award winning technologies are premium solutions designed to improve patient treatment, shorten treatment times, and make tooth replacement less intrusive.

- **Straumann SLActive®** is an advanced implant surface designed to bond faster with bone, reduce healing time, and increase the predictability of implant treatment.⁵
- **Straumann Roxolid®** is the first titanium-zirconium alloy designed to provide improved strength⁶ over Straumann's titanium implants, offering a new option for patients with limited bone or narrow spaces between teeth.
- **Straumann PURE** is a high-strength, tooth-colored implant for patients seeking a metal-free alternative, whether due to metal sensitivities, a holistic living preference, or a thin, transparent gum tissue type.



More than Swiss quality.

A sense of trust.

Few companies have so much to offer:

- Over 35 years of clinical evidence
- More than 14 million implants sold worldwide
- Swiss quality and precision
- A trusted brand in over 70 countries
- Advanced Roxolid® implant materials and SLActive® implant surface technology

www.straumann.us/patients



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1 Vogel R, Smith-Palmer J, Valentine W. Evaluating the Health Economic Implications and Cost-Effectiveness of Dental Implants: A Literature Review. *Int J Oral Maxillofac Implants* 2013;28:343–356. doi: 10.11607/jomi.2921. **2** Priest GF, Priest JE. The Economics Of Implants For Single Missing Teeth. *Dental Economics* 2004;94(5):130–138. **3** According to the PUBMED database query “Straumann Dental Implant OR ITI dental implant”, 733 results as per 6th of October 2014 – with the first entry being “Schroeder A. et al.: The accumulation of osteocementum around a dental implant under physical loading, 1978.” **4** For SLA® implants. Data on file. **5** Compared to SLA®. **6** Norm ASTM F67 (states min. tensile strength of annealed titanium); data on file for Straumann cold-worked titanium and Roxolid® implants.

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