

Patient information  
on dental implants

More than just beautiful teeth.

A new quality of life  
with dental implants.

# More than a restoration.

## Today's treatment of choice.

Dental implant treatment can bring back quality of life, comfort and esthetics. Indulge in the comfort of former times when you bite with confidence into that apple and laugh again with ease.



**Fig. 1:** Dental implant on a scale of 1:1, compared to a match.

### What is a dental implant?

A dental implant is a very small but strong post made of biocompatible metals, or ceramics, which is inserted into the jaw bone in place of the missing tooth root.

### WHY DENTAL IMPLANTS ARE THE BEST SOLUTION:

#### They merge with your body

A dental implant is simply an artificial root, which on healing, merges with the body and acts like a natural one.

#### They maintain your smile

Functionality and visual appearance go hand-in-hand: an implant-borne restoration looks like a natural tooth – there is simply no visible difference, and special care is not required.

## They preserve your facial structure

In a healthy mouth, the tooth root transmits chewing forces to the jaw, and this helps to maintain the bone. If one or more teeth are lost, these forces cease and the bone may slowly recede. As a result, neighbouring teeth may also move inwards, creating additional gaps, as shown in the illustration below.

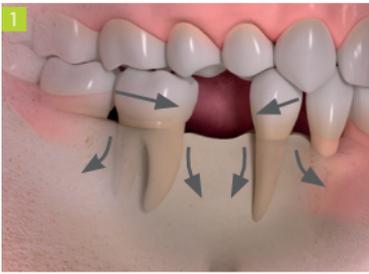


Fig. 1: Initial situation



Fig. 2: Long-term bone recession

If you suffer from multiple tooth loss, bone atrophy and facial change may persist after conventional restorations, such as bridges or partial prosthesis.

On the contrary, dental implant therapy can help to prevent the gradual bone deterioration described, as it mimics the original root, transmitting chewing forces to the bone.



Fig. 3,4: Symbolic illustration of a deteriorated jaw bone.

## Your teeth don't have to be ground down

With a conventional bridge, the healthy neighbouring teeth to the right and left of the missing tooth have to be ground down to support the bridge. When using an implant to close the gap, the neighboring teeth are not affected and the natural tooth substance remains intact.

### Single tooth gap

**Fig. 1:** The dental implant replaces the missing tooth root.



### Two or more tooth gaps

**Fig. 2:** The implants act as a support for the bridge.



### Fixed full-arch dental bridges

**Fig. 3:** Missing teeth in either the upper or lower jaw can be replaced with a full-arch dental bridge supported by four or more dental implants.

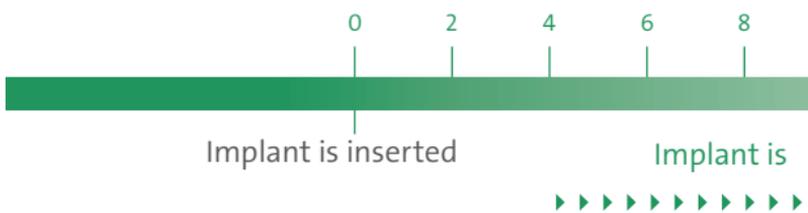


### Removable dentures

**Fig. 4:** Removable implant-supported dentures can also provide a better fit and higher stability than conventional ones. The implants act as an anchor for the retentive components.



### Example of an average timeline\*



\* Times may vary from case to case

# The journey towards a new smile: You are only a few steps away.

**Step 1: Diagnosis and decision-making** with your dentist. Oral scans assist to provide a more accurate assessment.

**Step 2: Implantation** – the implant is anchored in your jaw under local anesthetic. You may receive a temporary crown, depending on your condition plus you and your dentist’s combined decision.

**Step 3: Healing phase** – the implant bonds with your bone during a healing phase of six weeks to a few months (time may vary from case to case).

**Step 4: While your implant is healing,** your new teeth are produced at the dental lab.

**Step 5: Placement of the final restoration,** once the healing phase is over.

**Step 6: Aftercare** – oral hygiene as usual and regular check-ups at the dentist in order to maintain long-term function of your new teeth.



# Your quality of life: priceless.

Your health is your wealth, and Straumann dental implant solutions provide a better quality of life, comfort and convenience, as well as an improved oral health and physical appearance. You cannot put a value on such things.

Contrary to what you might think, conventional dentures are not always the most cost-effective solution in the long term, as it has been shown in comparative studies.



- Dental implants are a cost-effective alternative to conventional restorations and improve the quality of life.<sup>1</sup>
- Especially for single-tooth replacements, an implant is to be regarded as a cost-effective treatment option in comparison to a conventional tooth-borne three unit fixed dental prosthesis.<sup>2</sup>
- For the replacement of multiple teeth, dental implants (fixed or removable prostheses) were associated with higher initial costs but better improvements in oral health-related quality of life compared with other treatment options.<sup>3</sup>



Graph: After 7 years, the costs for a single-tooth restoration pay off and the long-term maintenance costs are lower than for a conventional bridge.<sup>2</sup>

# Why Straumann?

Few companies have  
so much to offer.

## **There are many implant systems, but not all are equal**

There are many types being offered by various dental implant companies. But are they offering the same quality, and have these systems been clinically proven in long-term studies?

Straumann components are manufactured under consideration of internationally accepted quality standards – with high precision and documented clinical research.

## **A pioneer and global leader in implant dentistry**

We have been researching, developing and manufacturing implants since 1974. In collaboration with renowned international clinics, research institutes and universities, we have pioneered many ground-breaking technologies in implant dentistry.



15

More than 15 million  
Implants placed<sup>5</sup>



## **Our products are backed by science**

The Straumann® Dental Implant System is one of the best documented dental implant systems in the world, with more than 35 years of extensive scientific, clinical evidence and support by nearly 1000 scientific publications.<sup>4</sup>

## **More than 15 million implants placed worldwide**

Through Swiss precision engineering and clinical excellence, the Straumann® Dental Implant System has earned worldwide trust.

Clinicians in over 100 countries have placed more than 15 million Straumann implants.<sup>5</sup> So wherever life takes you, care is nearby for your Straumann dental implants.

A light green world map is visible in the background, with a thin green line extending from the top left towards the Straumann logo.

**100**

Present in over  
100 countries

## Always a step ahead

Our daily aim is to enhance implant success and improve your experience with dental implants. Cutting-edge technologies and products like **SLActive®** and **Roxolid®** were developed and designed by Straumann to make implant therapy shorter and less invasive, as well as to continually redefine the boundaries of what is possible and to widen treatment options.<sup>6,7</sup>

### Lifetime warranty



With a Straumann implant, you can fully trust in its longevity and in the long-term availability of components. Straumann provides a lifetime guarantee\* for implants should they have to be replaced. We ensure the availability of the necessary parts to service and restore any implant placed, for many years to come.

### What brand of implants would dentists select for themselves?

Ask your dentist about the products they trust to deliver quality dental care. What type and brand of implants would your dentist select for themselves or their family?



Ask your dentist!

\* The Straumann Guarantee is in favor of the attending physician/dentist only and pertains to original Straumann products that have been used exclusively and not in combination with any other manufacturer's products. For applicable terms and conditions of the Straumann Guarantee, visit your local Straumann website.

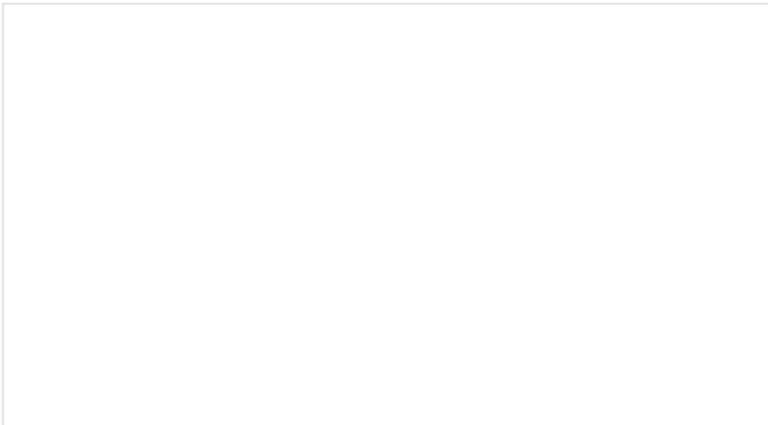


1 Vogel R, Smith-Palmer J, Valentine W. Evaluating the Health Economic Implications and Cost-Effectiveness of Dental Implants: A Literature Review. *Int J Oral Maxillofac Implants* 2013;28:343–356. doi: 10.11607/jomi.2921. 2 Priest, GF, Priest JE. The Economics Of Implants For Single Missing Teeth. *Dental Economics* 2004;94(5):130-138. 3 Blackwell, R, Lowe, R, Morris, G, Priest, G, Implant Economics, A Supplement To Dental Practice Report, September 2004. 4 According to the PUBMED database query (Straumann Dental Implant) OR (Straumann Implant) OR (ITI Dental Implant) OR (International Team for Implantology), 931 results as per 13th of September 2017 – with the first entry being “Schroeder A. et al.: The accumulation of osteocementum around a dental implant under physical loading, 1978.” 5 Reference year: 2017 6 Literature overview: [www.straumann.com/slactiveref](http://www.straumann.com/slactiveref) 7 Literature overview: [www.straumann.com/roxolidreft](http://www.straumann.com/roxolidreft)

## WORLDWIDE LEADER, WORLDWIDE TRUST

No matter where life takes you, care for you and your Straumann dental implant is nearby.

Visit [www.straumann.com/patients](http://www.straumann.com/patients) to find out more about products and solutions by Straumann and ask your dentist.



### **Straumann Singapore Pte Ltd**

250 North Bridge Road,  
#19-05 Raffles City Tower,  
Singapore 179101

Phone +65 6351 9193

Fax +65 6376 2339

[www.straumann.com](http://www.straumann.com)

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