



DON'T MISS LIFE BECAUSE OF
MISSING TEETH, SAY...

"YES!" TO DENTAL IMPLANTS



SIMPLY DOING MORE

EXPERIENCE
THE NATURAL LOOK AND FEEL
OF DENTAL IMPLANTS



REASONS TO SAY YES
IMPLANTS HELP PREVENT BONE LOSS
IMPLANTS HELP PRESERVE HEALTHY TEETH
DESIGNED TO STAY SECURELY IN PLACE
SIMPLE, COMFORTABLE PROCEDURE
AFFORDABLE TREATMENT
SOME OPINIONS

THERE ARE A LOT OF REASONS
TO SAY
"YES!" TO DENTAL IMPLANTS



**WHETHER YOU'RE MISSING ONE TOOTH
OR ALL OF YOUR TEETH, IMPLANTS OFFER YOU
THE MOST NATURAL LOOKING OPTION.**

**IMPLANTS CAN HELP TO IMPROVE YOUR
OVERALL QUALITY OF LIFE. THEY CAN:**

- Help prevent bone loss
- Allow you to bite and chew naturally
- Allow you to enjoy your favorite foods again
- Help to improve your eating habits
- Help keep other teeth in position
- Allow you to speak naturally and feel like yourself
- Help you to feel more attractive
- Provide a permanent solution for missing teeth
- Simply help you enjoy life to the fullest

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ONLY IMPLANTS CAN HELP PREVENT BONE LOSS



HEALTHY TOOTH

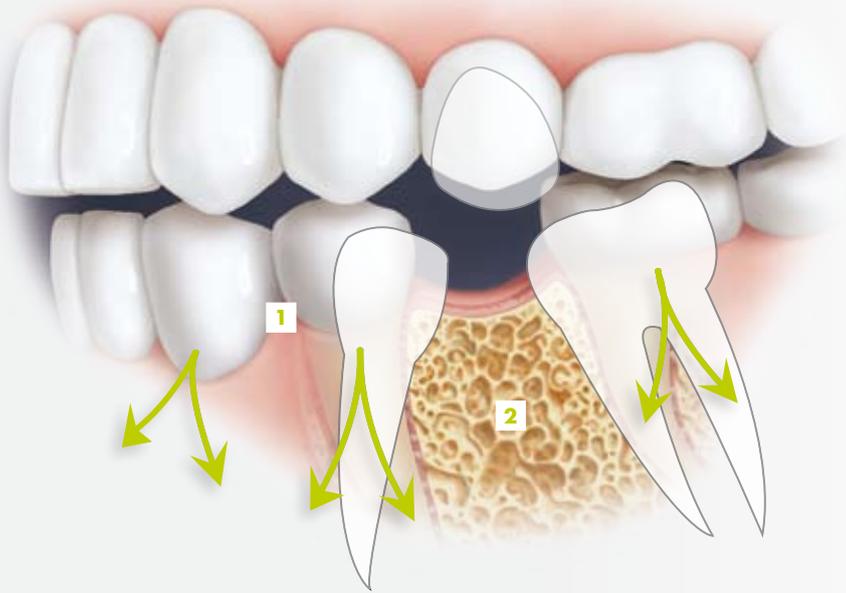
Here's a healthy tooth in the bone. The tooth root transfers biting forces to the bone and maintains its strength and position.



WHEN A TOOTH IS LOST

There are no longer any forces pushing on the bone, so it begins to deteriorate, like your muscles losing strength and mass when they're not exercised.

The loss of bone will continue and may eventually change your smile. Teeth on both sides can begin to move inward causing additional gaps and an unsightly appearance.



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- 1 The tooth root transfers biting forces to the bone.
- 2 Without these forces, the bone begins to deteriorate.



DENTAL IMPLANT ACTS LIKE A ROOT

The traditional option for replacing a missing tooth is a cement-retained bridge. While a bridge will successfully replace the crown of the missing tooth, it does not replace the root of the tooth. The consequence of not replacing the root is that bone loss can occur, leaving a dark and unappealing space at the gumline.

A dental implant is the only option for replacing a missing tooth that replaces both the crown and root. The implant acts like a natural tooth root to transfer forces and help keep the bone healthy.



COLLAPSE OF FACIAL CONTOURS

Evidence of bone loss due to missing teeth is obvious in people who have lost all of their teeth. The collapse of facial contours that results from bone loss can severely affect your appearance.

IMPLANTS HELP **PRESERVE HEALTHY TEETH**

Traditional bridges will eventually lead to bone loss under the unsupported tooth. This can result in an unattractive dark space at the gumline. Your dentist will discuss with you if implants are the right solution to meet your needs.



BRIDGE SEQUENCE

With traditional bridges, the teeth adjacent to the missing tooth are ground down in order to provide support for the bridge. This means that healthy teeth are compromised by the removal of tooth structure.

With implants, there's no need to grind down healthy adjacent teeth. The implant acts as a root to help prevent bone deterioration and delivers long-lasting beautiful teeth.

BRIDGE VS. CROWN SEQUENCE

Implants offer many benefits over a traditional bridge. In addition to helping to preserve bone by replacing the root, dental implants also offer a more conservative treatment option for replacing missing teeth compared to a traditional bridge.



IMPLANT SEQUENCE

With a dental implant, there is no need to grind down the healthy adjacent teeth. The implant provides support for the crown.

IMPLANT-SUPPORTED DENTURES **DESIGNED TO STAY SECURELY IN PLACE**

YOU'LL FIND THAT WITH IMPLANT-SUPPORTED DENTURES

- Shifting, slipping, and chatter are eliminated
- There is no effect on speech as with regular dentures
- You can bite and chew naturally
- You can enjoy your favorite foods again
- You can have improved comfort and confidence
- Your ability to taste may improve

CHOOSE FROM THREE ATTACHMENT METHODS



IMPLANT-RETAINED DENTURES

are anchored securely onto two or more implants by attachments in the denture. The denture snaps securely onto the implants, but can be removed daily for proper cleaning.



IMPLANT BAR SUPPORTED DENTURES

feature clips that attach the denture to a bar connected to the implants. This design provides stability and support for the denture. The bar supported denture can be removed daily for proper cleaning.



FIXED CROWN AND BRIDGE

supported by implants is the treatment option that is most like having natural teeth. Six or more implants are placed, and the teeth are securely fastened to the implants using cement or by precision screws. Fixed bridges are not removable.

Proper brushing and flossing are required to maintain implant health and oral hygiene.

SIMPLE, COMFORTABLE PROCEDURE

IMPROVE QUALITY OF LIFE IN FIVE SIMPLE STEPS

- 1 Case planning
- 2 Implant placement
- 3 Healing period – approximately six weeks
- 4 Placement of the abutment on which the final crown will be placed
- 5 Final crown – the beautiful new tooth is placed and you're done



1 CASE PLANNING

Find your individual solution with an experienced specialist.



2 IMPLANT

The implant acts like a natural tooth root.

3 HEALING PERIOD



Time to recover –
approximately six weeks.

There's no reason not to say "Yes" to dental implants.

WILL I BE ABLE TO EAT NORMALLY DURING THE HEALING PROCESS?

Yes. In most cases, you may eat what you like. You may be asked to avoid chewing in the area where the implants are placed for a short period after surgery, but once that time has passed, you can chew your food as usual.

CAN I GET A TEMPORARY TOOTH TO FILL THE GAP DURING HEALING?

Yes. In most instances, you can be provided with a temporary tooth to fill the area of the milling crown while the implant is healing. Your dentist will recommend the option for a temporary that is best suited for your situation.

IS DENTAL IMPLANTATION A COMMON SURGICAL PROCEDURE?

Yes. This procedure has been performed for decades on millions of patients. Implant specialists have extensive experience, and the Straumann implant is the result of more than 30 years of research and documented dental success.

IS THE PROCEDURE RELATIVELY PAIN-FREE?

Yes. Many patients report that having a tooth extracted is much more traumatic than having an implant placed. The procedure is usually performed in the dental office under local anesthesia.



4 ABUTMENT

The abutment is the foundation for the final crown.



5 FINAL CROWN

The final crown looks and feels just like a natural tooth.

HOW MUCH
IS IT WORTH TO YOU TO ...

EAT WHATEVER YOU LIKE?
SPEAK CONFIDENTLY?
HELP TO MINIMIZE BONE LOSS?

It is important to consider long-term versus short-term costs when making a decision about tooth replacement. Dental implant treatment may be a larger initial investment, but it is generally a more cost-effective solution in the long term.

WHAT DOES AN IMPLANT-BORNE RESTORATION COST?

Since each patient has different needs and priorities, dental implant treatment and the corresponding costs differ as well. You should receive a cost estimate from your dental professional when he/she decides what treatment is right for you. Some of the factors that influence the costs are following:

- The number of implants needed
- The type of replacement teeth desired
- Additional procedures that may be necessary

ARE DENTAL IMPLANTS COVERED BY INSURANCE?

Insurance companies may cover at least parts of the costs of the procedure; however, policies and payment practices may vary from country to country. You are advised to check with your insurance company whether a portion of your treatment costs is covered.

SOME OPINIONS ON **THE BENEFITS OF DENTAL IMPLANTS**



"I used to have a habit of putting my hand in front of my mouth when I smiled because I wanted to hide the clasps.

I really have a lot of gratitude for the implants.

They give me security. I can eat corn, steak, anything I want."



"I needed something that would be substantial, more permanent. With dentures, there was always a possibility that it would slip or move as you were speaking. There is no need for any adhesive at all. My quality of life is great."



"I really have no recognition that there's an artificial tooth in my mouth. I can't tell when I eat or when I talk that I have an implant... and actually, nobody else can either. **The ultimate result is you're going to have a tooth that is as good as your original tooth.**"



"If I had known it was going to work out like this, I would have done it 20 years ago. I feel that I talk better. I feel that I eat better. It's been remarkable. **It's changed my life.**"

REASONS TO OPT FOR **STRAUMANN** **DENTAL IMPLANTS**

PRODUCTS YOU CAN RELY ON

Straumann products have demonstrated their long-term effectiveness through research studies following Good Clinical Practice or similar requirements. Extensive mechanical testing of Straumann® Bone Level implants has shown fatigue strength well above the average for competitor products. This reliability has made the Straumann® Dental Implant System one of the most widely used systems in the world.

STRONG ARGUMENTS FOR BEST RESULTS

- Over 4 million implants placed within the last 10 years
- 10-year guarantee on all Straumann® dental implants
- Testing of materials at certified laboratories
- Highly biocompatible materials for optimal osseointegration

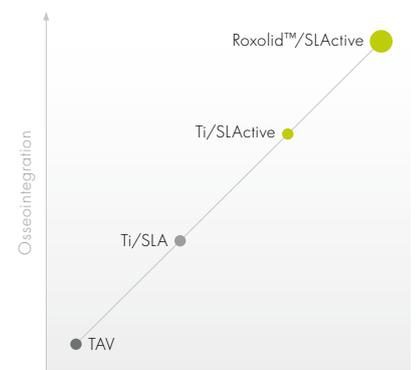
DEDICATED TO RESEARCH

In collaboration with leading clinics, research institutes and universities around the world, Straumann® is committed to research in the field of oral implantology and tissue regeneration. Our dedication to research provides the data you need to believe in our products.

SCIENTIFIC DATA AND QUALITY STANDARDS

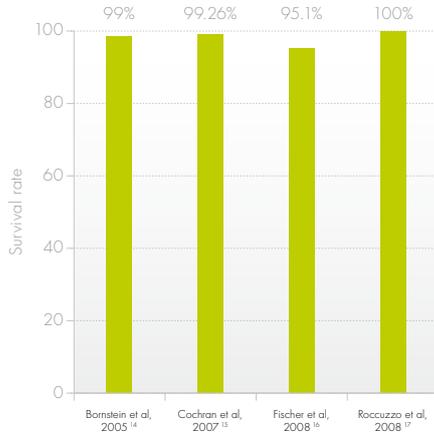
- 20 years of clinical documentation on implants
- > 5 % of revenues dedicated to research and development
- Extensive testing of new product designs
- Products with proven long-term effectiveness
- Exclusive partnership with the International Team of Implantology
- Full compliance with international quality standards

GREATER IMPLANT RELIABILITY THANKS TO EXCELLENT OSSEOINTEGRATION¹⁻³



- 1 Wang M. et al, Effect of surface topology on the osseointegration of implant materials in trabecular bone. J Biomed Mat Res 1995, 29: 1567-1575
- 2 Ferguson S.J. et al, Biomechanical evaluation of the interface strength of a chemically modified SLA titanium surface. J Biomed Mat Res. 2006 Aug; 78(2): 291-297
- 3 Gottlow J. et al, Evaluation of a new titanium-zirconium implant: a biomechanical and histological comparative study in minipigs, oral presentation at AO meeting 2008 Boston, data on file

5-YEAR SLA STUDY RESULTS



4 Bornstein M.M. et al, Early loading of non-submerged titanium implants with a sandblasted and acid-etched surface: 5-year results of a prospective study in partially edentulous patients. *Clin Oral Implants Res* 2005; 16:631–638

5 Cochran D. et al, Clinical field trial examining an implant with a sandblasted, acid-etched surface. *J Periodontol* 2007; 78:974–982

6 Fischer K. et al, Five-year results from a randomized controlled trial on early and delayed loading of implants supporting full-arch prosthesis in the edentulous maxilla. *Clin Oral Implants Res* 2008; 19:433–441

7 Rocuzzo M. et al, Early loading of sandblasted and acid-etched implants: a randomized-controlled double-blind split-mouth study. Five-year results. *Clin Oral Implants Res* 2008; 19:148–152

8 Buser D. et al, Enhanced bone apposition to a chemically modified SLA titanium surface. *J Dent Res* 2004; 83:529–533

9 Oates T.W. et al, Enhanced implant stability with a chemically modified SLA surface: a randomized pilot study. *Int J Oral Maxillofac Implants* 2007; 22:755–760

10 Buser D. et al, Enhanced bone apposition to a chemically modified SLA titanium surface. *J Dent Res* 2004; 83:529–533

11 Zöllner A. et al, Immediate and early non-occlusal loading of Straumann implants with a chemically modified surface (SLActive) in the posterior mandible and maxilla. Interim results from a prospective multicenter randomized-controlled study. *Clin Oral Implants Res* 2008; 19:442–450

12 F. Schwarz, M. Herten, M. Sager, M. Wieland, M. Dard, J. Becker. Bone regeneration in dehiscence-type defects at chemically modified (SLActive) and conventional SLA titanium implants: a pilot study in dogs. *J Clin Periodontol* 2007; 34:78–86

13 F. Schwarz, M. Sager, D. Ferrari, M. Herten, M. Wieland, J. Becker. Bone regeneration in dehiscence-type defects and non-submerged and submerged chemically modified (SLActive) and conventional SLA titanium implants: an immunohistochemical study in dogs. *J Clin Periodontol* 2008; 35:64–75

14 Bornstein M.M. et al, Early loading of non-submerged titanium implants with a sandblasted and acid-etched surface: 5-year results of a prospective study in partially edentulous patients. *Clin Oral Implants Res* 2005; 16:631–638

15 Cochran D. et al, Clinical field trial examining an implant with a sandblasted, acid-etched surface. *J Periodontol* 2007; 78:974–982

16 Fischer K. et al, Five-year results from a randomized controlled trial on early and delayed loading of implants supporting full-arch prosthesis in the edentulous maxilla. *Clin Oral Implants Res* 2008; 19:433–441

17 Rocuzzo M. et al, Early loading of sandblasted and acid-etched implants: a randomized-controlled double-blind split-mouth study. Five-year results. *Clin Oral Implants Res* 2008; 19:148–152

18 Average survival rate from studies 14 to 17

SLActive® – SETTING NEW STANDARDS IN IMPLANT TECHNOLOGY

From SLA® to SLActive® – the next generation in surface technology

For years our implants with the SLA® surface have delivered excellent results and high implant success rates⁴⁻⁷. Our SLActive® surface, the next generation in implant technology, promotes osseointegration and provides higher predictability⁸. In addition, patients might benefit from shorter healing times.

- Reduced healing times: 3–4 weeks compared to 6–8 weeks with SLA®⁹
- Faster osseointegration provides higher security
- 60 % more bone (BIC) after 2 weeks with SLActive® compared to SLA®¹⁰
- Enhanced implant stability in the critical early treatment period⁹
- Immediate and early loading with Straumann SLActive® implants yields excellent survival rates (98 % and 97 % after 1 year)¹¹
- Pre-clinical studies indicate that SLActive® promotes bone regeneration in dehiscence-type defects¹²⁻¹³

SOLUTIONS THAT LAST

Successful long-term solutions for patients

Long-term studies confirm a high survival rate of Straumann® SLA implants. The average implant survival rate after 5 years is 98.3 % – only a 1.7 % rate of implant failure¹⁸.

SAY...

"YES!" TO DENTAL IMPLANTS