STRAUMANN®
SOFT TISSUE LEVEL IMPLANT SYSTEM
TIME-TESTED

COMMITTED TO
SIMPLY DOING MORE™
FOR DENTAL PROFESSIONALS
WHY A SOFT TISSUE LEVEL IMPLANT?

SIMPlicity and efficiency by integrated soft tissue management

Straumann® Soft Tissue Level implants have a built-in smooth neck that shapes the soft tissue, thus eliminating the need for healing abutments and time-consuming soft tissue management procedures. Designed for one-stage surgery, it avoids the second surgical procedure required to access submerged implants placed at bone level. Overall, the integrated soft tissue management is designed to minimize both surgical and prosthetic treatment complexity, and makes the workflow simple and efficient.

- Straumann Soft Tissue Level implant aims to reduce chair time and minimize treatment complexity.
- Streamlined prosthetic portfolio supported by the implant design.
- Abutment-level impressions make workflows efficient and can minimize the number of patient visits.¹
- Simple impression taking and abutment placement due to the connection at soft tissue level.
- Provides clear implant view and accessibility in the challenging posterior region.
- Clinical evidence shows high treatment success.²³

I FIND THE STRAUMANN SOFT TISSUE LEVEL IMPLANT SYSTEM SIMPLE TO RESTORE IN MY PRACTICE. THE DECREASE IN CHAIR TIME AND INCREASED PREDICTABILITY LED TO HIGHER PROFITS AND THE EASE OF USE HAS MADE IT MY FAVORITE IMPLANT TO PLACE IN THE POSTERIOR REGION. MY EXPERIENCE HAS BEEN THAT IT IS EVEN EASIER TO RESTORE THAN STANDARD CROWNS AND BRIDGES.

DR. ROBERT MARGEAS, DDS, DES MOINES IA, USA
A LONG HISTORY OF RECOGNITION AND APPRECIATION

ONE OF THE MOST USED AND WELL-ESTABLISHED WORKING SYSTEMS IN IMPLANT DENTISTRY

The Straumann® Soft Tissue Level system is one of the most used and well-established working systems in implant dentistry and has been available in its current design for more than 10 years. The implant has been complemented over time by Straumann’s innovative technologies, such as the SLActive® implant surface, designed for faster osseointegration and the Roxolid® material, with its high tensile and fatigue strengths, for confidence when placing small diameter implants.

- More than 10 million Straumann® Implants sold to date.
- More than 48,000 users.
- 10-year clinical data available.\textsuperscript{2,3,6}

1974 – 1986

Straumann develops its first one-stage implant.

Solid abutments and cementable abutments offer prosthetic handling closest to a natural tooth preparation.

1999

Straumann® SLA® implants on tissue level are born:
- SLA pioneering surface technology cuts in half the timing of provisionalization versus the previous TPS surface.\textsuperscript{7,8,9}
- synOcta® Morse taper connection provides a new level of flexibility in prosthetics.

2006

Implementation of SLActive, innovative surface technology further reducing healing times, down to 3–4 weeks.\textsuperscript{10}
STRAUMANN CONTINUES TO DEVELOP PRODUCTS AND SOLUTIONS THAT ENABLE US TO TREAT OUR PATIENTS BASED ON THE LATEST RESEARCH. MOST IMPORTANTLY, THESE SOLUTIONS AND PRODUCTS ARE WELL DOCUMENTED AND EVIDENCE BASED.

**DR. ROBERT A. LEVINE, PHILADELPHIA, PA**

<table>
<thead>
<tr>
<th>Year</th>
<th>Event</th>
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<tr>
<td><strong>2009</strong></td>
<td>Release of Straumann® Soft Tissue Level 3.3 mm implants in Roxolid® alloy with higher tensile and fatigue strengths than Straumann titanium for more confidence when placing small diameter implants.</td>
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<td><strong>2011</strong></td>
<td>Publication of the first 10-year prospective clinical data on Straumann® Soft Tissue Level system.²³</td>
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<tr>
<td><strong>2012</strong></td>
<td>Release of Straumann® Narrow Neck CrossFit® Implant, Straumann’s Soft Tissue Level solution for treating limited inter-dental space.</td>
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PREDICTABLE LONG-TERM RESULTS

10-YEAR PROSPECTIVE CLINICAL DATA ON STRAUMANN® SOFT TISSUE LEVEL IMPLANTS IN THE EDENTULOUS MAXILLA²,³

Due to its long history and usage by dentists worldwide, the Straumann Soft Tissue Level system is currently one of the most documented systems available. Recently, 10-year follow-up prospective clinical data on the Straumann Soft Tissue Level implant with the SLA® surface in the edentulous maxilla have been published. The studies show predictable long-term results, on implant-supported full-arch maxillary prostheses, and high implant survival rate²,³.

- Predictable long term results supporting full-arch maxillary prostheses.
- High implant survival rate (95.1 %).²
- No fracture of Straumann® Abutments or abutment screws during the 10 years of function.³
- Bone loss well within accepted criteria for implant success² (according to Albrektsson et al.⁹).
- No implants were lost between 5 and 10 years.²
- No signs of peri-implantitis were noted at 10 years (except in one patient with severe periodontitis²).

"AT THE 10-YEAR FOLLOW-UP, PATIENTS SAID: ‘GETTING THIS TREATMENT HAS BEEN ONE OF MY BEST DECISIONS EVER, AND I ALWAYS TELL FRIENDS WHO MISS ONE OR SEVERAL TEETH TO GO FOR AN IMPLANT TREATMENT.’"

DR. KERSTIN FISCHER, FALUN, SWEDEN

*One patient dropped out before 10-year evaluation. No further implants were lost between 5 and 10 years.
10-YEAR RETROSPECTIVE CLINICAL DATA ON THE STRAUMANN® SOFT TISSUE LEVEL SYSTEM OF PARTIALLY EDENTULOUS PATIENTS SHOWED PREDICTABLE LONG TERM RESULTS

This retrospective study showed predictable 10-year survival and success rates of titanium implants with the SLA® Surface in a large cohort of partially edentulous patients.

- High survival (98.8 %) and success (97.0 %) rates were demonstrated over 10 years.
- No implant fractures were observed.
- Low prevalence of peri-implantitis (1.8 %).
- Previously published 5-year survival and success rates can be maintained over 10 years.
- The majority of implants (60.8 %) exhibited either no bone loss, minimal bone loss, or bone gain.

10 YEAR DATA
SUCCESS IS A RESULT OF COMMITMENT, QUALITY AND PRECISION

**synOcta®, FLEXIBLE AND RELIABLE**
- The combination of taper and octagon combines anti-loosening protection with exact repositionability.
- Suitable for cement-retained and screw-retained restorations.
- Streamlined prosthetic portfolio for all indications. *

**DESIGNED FOR OPTIMAL PRESERVATION OF THE CRESTAL BONE AND SOFT TISSUE STABILITY**
- 45° shoulder: Optimal load distribution and fit between implant and prosthesis to minimize the microgap.
- Smooth neck: designed to respect the biological distance.

**ANTI-LOOSENING PROTECTION WITH GREAT FLEXIBILITY**
- The internal octagon offers secure and flexible (re)positioning of individual abutments in the implant.
- Morse taper connection: Uniform load distribution and reliable, stable implant-to-abutment joints preventing rotation.

**INNOVATIVE SURFACE TECHNOLOGIES**
- **SLA®:**
  - Reliable and scientifically well documented surface, with predictable long-term clinical data. 2,3,6
  - Able to cut in half the timing of provisionalization versus the previous TPS surface. 7,8,9
- **SLActive®:**
  - Next generation in surface technology reducing healing times down to 3–4 weeks. 10

**SCIENTIFICALLY SUPPORTED MATERIALS**
- Titanium grade 4: A well documented material in implant dentistry.
- Roxolid®: A titanium zirconium alloy with higher tensile5 and fatigue5 strengths than titanium and designed to meet the needs of clinicians:
  - Confidence when placing small diameter implants.
  - Flexibility of having more treatment options.
  - Designed to increase patient acceptance of implant treatment.

* From single teeth to edentulous solutions
STANDARD IMPLANT – A PIONEER IN ONE-STAGE OR TRANSGINGIVAL HEALING
Neck section of 2.8 mm for classic single stage procedures, where the implant is placed at soft tissue level and not covered with soft tissue during the healing phase.

3.3 mm/4.1 mm/4.8 mm SLA®/SLActive®

4.8 mm SLA®/SLActive®

STANDARD PLUS IMPLANT – THE FLEXIBLE SOLUTION
Shorter neck section of 1.8 mm, allows flexible coronal implant placement in combination with trans- or subgingival healing. This offers the dental surgeon additional options that are particularly useful in the anterior tooth region of the maxilla, where esthetic demands are high.

3.3 mm/4.1 mm/4.8 mm SLA®/SLActive®

4.8 mm SLA®/SLActive®

TAPERED EFFECT IMPLANT – A SPECIALIST FOR IMMEDIATE AND EARLY IMPLANTATION
Special anatomical design, for immediate or early implantation following extraction or loss of natural teeth. With the smooth neck section of 1.8 mm, healing can occur trans- or subgingivally.

3.3 mm/4.1 mm SLA®/SLActive®

4.8 mm SLA®/SLActive®

3.3 mm/4.1 mm SLA®/SLActive®

STRAUMANN® NARROW NECK CrossFit® IMPLANT
The Straumann® Soft Tissue Level solution for treating limited inter-dental space.
**STRAUMANN® SOFT TISSUE LEVEL**

**PROSTHETIC SOLUTIONS**

**STREAMLINED PROSTHETIC PORTFOLIO FOR ALL INDICATIONS**

- Number of prosthetic components streamlined thanks to the implant design.
- A solution for all indications* with respect to working preferences and the patient’s needs.

<table>
<thead>
<tr>
<th>SOLID</th>
<th>synOcta®</th>
<th>CARES® ABUTMENTS AND SCREW-RETAINED BARS &amp; BRIDGES</th>
<th>ATTACHMENT SYSTEMS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solid abutment</td>
<td>synOcta® angled abutment</td>
<td>CARES® Ceramic abutment**</td>
<td>LOCATOR®</td>
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<tr>
<td>SynOcta® cementable abutment</td>
<td>synOcta® angled abutment</td>
<td>CARES® Titanium abutment***</td>
<td>Retentive anchor</td>
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<tr>
<td>SynOcta® angled 1.5 abutment</td>
<td>synOcta® gold abutment</td>
<td>CARES® screw-retained bridge</td>
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“**AT THE UNIVERSITY OF GENEVA WE ARE USING THE SOFT TISSUE LEVEL SYSTEM SINCE EARLY 1989, AND WILL CONTINUE TO USE IT, PRIMARILY IN THE POSTERIOR SEGMENTS OF THE JAWS. THE FOLLOWING FEATURES, INHERENT TO THIS IMPLANT TYPE, WERE DECISIVE FOR OUR CHOICE: EASILY ACCESSIBLE PROSTHODONTIC INTERFACE; PRECISION MECHANICS OF THE CONNECTION BETWEEN IMPLANT AND ABUTMENT (‘MORSE TAPER’ CONFIGURATION); POSSIBILITY FOR BOTH CEMENT-RETAINED OR SCREW-RETAINED RESTORATIONS; HIGH VERSATILITY ASSURED BY A COMPLETE (BUT NEVERTHELESS ‘STRAIGHTFORWARD’) RANGE OF ABUTMENTS AND AUXILIARY COMPONENTS.”**

**PROF. URS BELSER, DMD, CHAIRMAN DEPARTMENT OF PROSTHODONTICS & PROF. JEAN-PIERRE BERNARD, DMD, CHAIRMAN DEPARTMENT OF ORAL SURGERY, SCHOOL OF DENTAL MEDICINE, UNIVERSITY OF GENEVA, GENEVA, SWITZERLAND**

*From single teeth to edentulous solutions
**Not available in WN or NNC
***Not available in NNC
DESIGNED TO SAVE TIME AND INCREASE EFFICIENCY IN YOUR PRACTICE

CONVENIENCE FOR STRAIGHTFORWARD CASES WITH STRAUMANN® SOLID ABUTMENT AND ALL-IN-ONE SET

The Straumann® Solid Abutment portfolio is designed for cementable crowns and bridges in any position in the mouth. The Straumann® All-In-One Set adds convenience by offering all components you need for the restoration in a single package.

CARES® ABUTMENTS AND SCREW-RETAINED BARS AND BRIDGES – THE CUSTOMIZED SOLUTION FOR YOUR IMPLANT RESTORATIONS

Customized Straumann® CARES® Abutments are designed to offer patient-specific emergence profiles and anatomical shape. In addition, the margin can be ideally placed to help clear excess cement. Straumann® CARES® Screw-retained bars and bridges are directly connected to the implant and are designed to provide a highly precise fit. The design is made by the dental technician then sent to Straumann to mill the framework in its state-of-the-art, centralized milling center.
SOLUTIONS FOR EDENTULOUS CASES

Simplicity and easy implant accessibility are relevant when it comes to solutions for edentulous patients. Practitioners and patients benefit from a simple placement of the prosthesis and for hygiene procedures. The Straumann® Soft Tissue Level System includes a complete prosthetic portfolio for fixed and removable overdentures, and ranges from stock to customizable solutions. The LOCATOR® system with self-locating design allows patients to easily seat their dentures.

EASY AND RELIABLE IMPRESSION TAKING

Straumann offers both a “snap-on” mechanism of the closed tray impression and a screw-retained impression system. The “snap-on” mechanism makes impression taking easy and reliable, as you get a clear feedback if the impression component is correctly seated. In addition, the “snap-on” mechanism offers a very cost-efficient solution.
LASTING PERFORMANCE
WITH LONG-TERM SUPPORT

STRAUMANN® PROSTHETIC COMPONENTS FOR IMPLANTS PLACED AFTER 1974

The first Straumann® One-stage implant was developed and commercialized by Straumann in 1974. Millions of patients are wearing Straumann® Implants in their mouths. As a global leader in implant and restorative dentistry, producing high-quality products, Straumann supplies prosthetic components for all implants placed since 1974*.

LIFETIME GUARANTEE PERIOD ON STRAUMANN® IMPLANTS**

Only original Straumann® Implants and prosthetic components are designed using Straumann’s engineering specifications to fit and function together, with the benefits of a long-lasting performance and a long-term guarantee.

- Lifetime guarantee period on Straumann® Implants
- 10-year guarantee period on metal abutments/restorations**
- 5-year guarantee period on ceramic abutments/restorations**

* See product catalog for Straumann® components
** See Straumann Guarantee brochure for terms and conditions
"THE STRAUMANN® SOFT TISSUE LEVEL IMPLANT HAS BEEN THE IMPLANT OF CHOICE IN OUR PRACTICE FOR OVER A DECADE. ITS STRENGTH, PREDICTABILITY, VERSATILITY AND EASE OF USE HAVE BEEN KEY DETERMINANTS FOR SELECTING THIS IMPLANT AND HAVE LED TO REALIZED CLINICAL SUCCESS."

DR. WILL MARTIN, DMD, MS – CLINICAL DIRECTOR OF THE CENTER FOR IMPLANT DENTISTRY, UNIVERSITY OF FLORIDA, GAINESVILLE, FL, USA
REFERENCES

1 Applicable to simple cases according to the ITI rating and using a solid abutment.
4 Norm ASTM F67 (states min. tensile strength of annealed titanium) and data on file.
5 Titanium cold worked TiGr4 and Roxolid tensile strength: Data on file.
11 ITI Treatment Guide Volume 2, 35-41.
<table>
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<tr>
<th><strong>International Headquarters</strong></th>
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<td><a href="http://www.s">www.s</a> traumannusa.com</td>
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