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 reaches into the soft tissue and shapes it, 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.
- Lean 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.²,³

“THE STRAUMANN® SOFT TISSUE LEVEL IS THE SIMPLEST AND MOST PROFITABLE IMPLANT SYSTEM I RESTORE IN MY PRACTICE. THE EASE OF USE MAKES IT MY FAVORITE IMPLANT SYSTEM IN THE POSTERIOR REGION. IT IS EASIER TO RESTORE THAN REGULAR CROWNS AND BRIDGES, AND THE LAB FEE IS THE SAME.”

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 rewarded innovation technologies, such as the SLActive® implant surface, designed for faster osseointegration and Roxolid®, the high-strength material for confidence in small diameter implants.

- More than 10 million Straumann® Implants sold to date.
- More than 48,000 users.
- 10-year prospective clinical data available.² ³ ⁵

1974

Straumann develops its first one-stage implant.

1999

Straumann® SLA implants on tissue level are born:
- SLA®, pioneering surface technology cut in half the timing of provisionalization versus the previous TPS surface.⁵ ⁶ ⁷
- synOcta® Morse taper connection provides a new level of flexibility in prosthetics.

2006

Implementation of SLActive®, innovative surface further reducing healing times, down to 3–4 weeks.⁹
FOR US, THE SOFT TISSUE LEVEL IMPLANT IS THE CLASSIC STRAUMANN® IMPLANT, SINCE THE HISTO-MORPHOLOGICAL BEHAVIOR OF THE PERI-IMPLANT TISSUE IS SIMILAR TO THAT AROUND NATURAL TEETH."\(^\text{1,2}\)

PROF. DR. HEINZ KNIHA AND DR. MICHAEL GAHLERT, MÜNCHEN, GERMANY

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**2009**

Release of Straumann® Soft Tissue Level 3.3 mm implants in Roxolid® alloy, stronger than titanium\(^\text{3}\), for more confidence in small diameter implants.

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**2011**

Publication of the first 10-year prospective clinical data on Straumann® Soft Tissue Level system.\(^\text{2,3}\)

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**2012**

Release of Straumann® Narrow Neck CrossFit® Implant line\(^*\), Straumann solution to address interdental space limitations.

\* Product not available in every country. Please contact your local Straumann organization for more information.
PREDICTABLE LONG-TERM RESULTS

10-YEAR PROSPECTIVE CLINICAL DATA ON THE STRAUMANN® SOFT TISSUE LEVEL SYSTEM IN EDENTULOUS MAXILLA\textsuperscript{2,3}

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 have been published. The studies show predictable long-term results, on implant-supported full-arch maxillary prostheses, and high implant survival rate\textsuperscript{2,3}.

- Predictable long term results supporting full-arch maxillary prostheses,
- 5-year data (a) were confirmed at 10 years.
- High implant survival rate (95.1\%).\textsuperscript{2}
- No fracture of Straumann® Abutments, abutment screws or assembly during the 10 years of function.\textsuperscript{3}
- Bone loss well within accepted criteria for implant success\textsuperscript{2} (according to Albrektsson et al\textsuperscript{9}).
- No implants were lost between 5 and 10 years.\textsuperscript{2}
- No signs of peri-implantitis were noted at 10 years [except in one patient with severe periodontitis\textsuperscript{2}].
- High patient satisfaction.

"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
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.
- No or minimal bone loss, or bone gain, was observed for the majority of implants.

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.
- Lean 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: 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 SURFACES
- SLA®:
  - Reliable and scientifically well documented surface, with predictable long-term clinical data.⁵,⁶
  - Able to cut in half the timing of provisionalization versus the previous TPS surface.⁵,⁶,⁷
- SLActive®:
  - Next generation in surface technology reducing healing times down to 3–4 weeks.⁵

WELL-PROVEN & NEW MATERIALS
- Titanium grade 4: A proven material in implant dentistry.
- Roxolid®: A titanium zirconium alloy stronger than titanium¹⁰,¹¹ and designed to meet the needs of dental implantologists:
  - 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
STRAUMANN® SOFT TISSUE LEVEL IMPLANT SOLUTIONS

STANDARD IMPLANT –
THE 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.

STANDARD PLUS IMPLANT –
THE FLEXIBLE SOLUTION
Shorter neck section of 1.8 mm, allows flexible coronoapical 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.

TAPERED EFFECT IMPLANT –
THE 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.

*Product not available in every country. Please contact your local Straumann organization for more information.
STRAUMANN® SOFT TISSUE LEVEL
PROSTHETIC SOLUTIONS

LEAN PROSTHETIC PORTFOLIO FOR ALL INDICATIONS*

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

<table>
<thead>
<tr>
<th>SOLID</th>
<th>synOcta®</th>
<th>CARES® ABUTMENTS</th>
<th>ATTACHMENT SYSTEMS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solid abutment</td>
<td>synOcta®</td>
<td>synOcta® 1.5 abutment</td>
<td>LOCATOR®</td>
</tr>
<tr>
<td></td>
<td>Cementable</td>
<td>Angle abutment</td>
<td>Retentive anchor</td>
</tr>
<tr>
<td></td>
<td>abutment</td>
<td></td>
<td></td>
</tr>
<tr>
<td>synOcta® 1.5</td>
<td>Ceramic</td>
<td>CARES® Screw-retained bridge</td>
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<tr>
<td>synOcta® Mobility</td>
<td>Titanium</td>
<td>CARES® Screw-retained bar</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
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 all areas. The lean and price-efficient portfolio is the solution for straightforward cases. 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 cement gap can be ideally placed to help clearing excess cement. Straumann® CARES® Screw-retained bars and bridges are directly connected to the implant and provide a high precise fit. The design is made by the dental technician, whereas Straumann mills the framework in its centralized milling center.
SOLUTIONS FOR EDENTULOUS CASES

Straumann® Soft Tissue Level simplicity and easy implant accessibility are mostly relevant when it comes to solutions for edentulous patients. Practitioner and patient benefit from a simple placement of the prosthesis and hygiene procedures. The Straumann® Soft Tissue Level System includes an extensive prosthetic portfolio for fixed and removable overdentures, and ranges from basic to premium solutions. LOCATOR® with self-locating design allows patients to easily seat their dentures.

EASY AND RELIABLE IMPRESSION TAKING

Straumann offers both a screw-retained impression system and a “snap-on” mechanism of the closed tray impression. The “snap-on” mechanism makes the 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 way to work.
LASTING PERFORMANCE WITH LONG-TERM SUPPORT

STRAUMANN® CLASSIC: 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 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 on Straumann® Implants
- 10-year guarantee on metal abutments/restorations**
- 5-year guarantee on ceramic abutments/restorations**

* See product catalog for Straumann® Classic
** See Straumann Guarantee brochure for terms and conditions
FIXED DENTAL PROSTHESIS USING STRAUMANN®
SOFT TISSUE LEVEL IMPLANT SYSTEM
FROM A CASE REPORT BY DR. W. MARTIN AND PROF. J. RUSKIN

Periapical radiograph 6 weeks after implant placement

Built-in soft tissue management thanks to machined neck; lateral view 6 weeks after implant placement

Easy access at soft tissue level for impression components; impression caps and synOcta® positioning cylinders in place

synOcta® Abutments

Lateral view of the fixed dental prosthesis

"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.
3 Fischer K, Stenberg T. Prospective 10-year cohort study based on a randomized, controlled clinical trial (RCT) on implant-supported full-arch maxillary prostheses. Part II: Prosthetic outcomes and maintenance. Clinical Implant Dentistry and Related Research. 11 Aug 2011; Epub ahead of print.
10 Norm ASTM Fd7 (states min. tensile strength of annealed titanium) and data on file.
11 Titanium cold worked TiGr4 and Roxolid tensile strength: Data on file.
13 ITI Treatment Guide Volume 2, 35-41.