More than the original design.

An efficient system for predictable results.

straumann
simply doing more

Preserving soft and hard tissues around the implant is crucial for the long-term success of implant therapy. **How do you ensure optimized biologic factors for maximizing your treatment outcomes?**

Providing an increasing range of treatment solutions may bring additional complexity within your practice. **How do you manage the increasing complexity without compromising on treatment options from both surgical and restorative perspective?**

Due to increasing life expectancy, dental implant solutions have to last for a long time and work reliably without clinical complications. **How can you provide a predictable treatment that provides long-term peace of mind?**

A legacy of Prof. Dr. André Schroder, the Straumann® Soft Tissue Level System has continuously been improved over the last four decades. Today, it is one of the best documented and established dental implant systems in the world.

BENEFITS OF THE STRAUMANN® SOFT TISSUE LEVEL SYSTEM:

Optimizing crestal bone preservation P 2

Reducing treatment complexity P 4

Reliable link combining implant and prosthetics. P 6

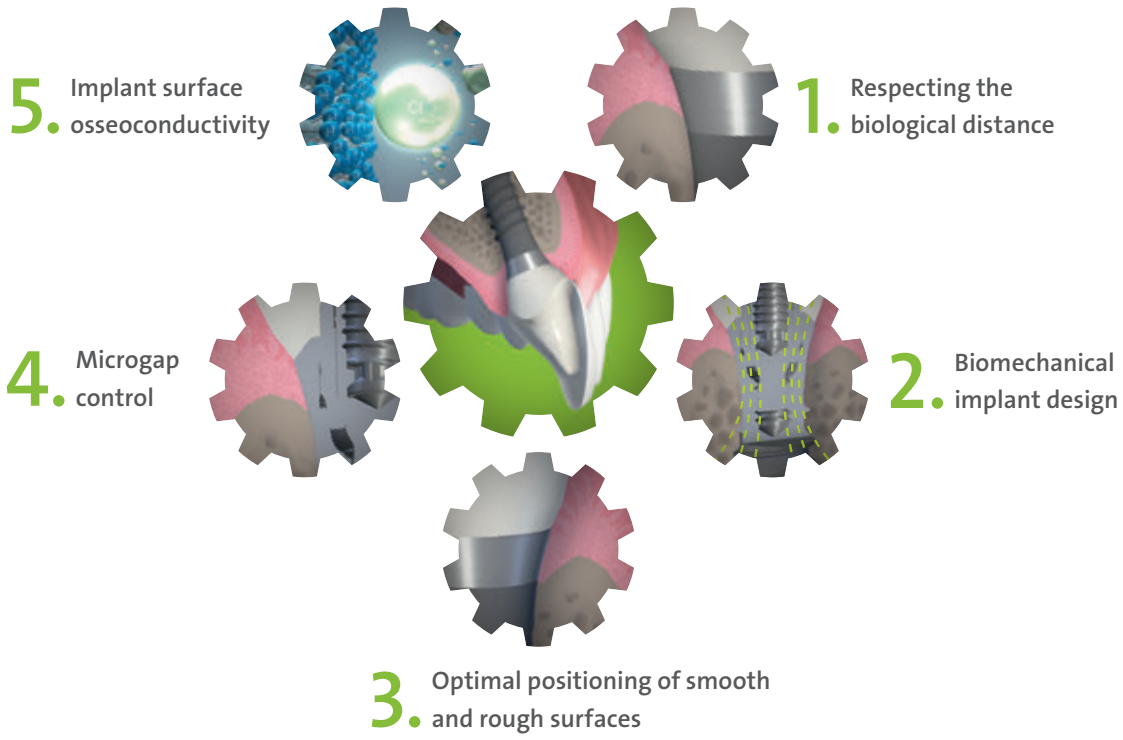
More than biological key principles.

Optimizing crestal bone preservation.

The unique design of the Straumann® Soft Tissue Level Implant takes into account the key biological principles of hard and soft tissue healing. Replicating the natural situation of biological width formation is crucial for the health of peri-implant tissues. By preserving the tissues and attachments formed around the implant, the long-term treatment success is ensured and risks of inflammation and bone resorption are significantly reduced.[1,2]

BONE CONTROL DESIGN™ CONCEPT

Bone Control Design™ labels Straumann® Implant features which have been applied consistently to the Straumann® Dental Implant System. It is built on 5 key factors for bone preservation and thus provides a crucial foundation for esthetic results and long-term success.



1. Respecting the biological distance
Moving away vertically the microgap from the crest associated with a machined smooth collar provides enough space for soft tissue growth and biological width which minimizes bone resorption.

2. Biomechanical implant design
The 45° shoulder and the "tulip" shape design enable optimal load distribution and fatigue strength through the synOcta® connection. Additionaly the cylindrical body design and large thread pitch lead to even stress distribution through the bone, minimizing bone microdamage and resorption.

3. Optimal positioning of smooth and rough surfaces
The optimized smooth "tulip" shape design collar has flexible heights supporting bone maintenance and biological width.

4. Microgap control
The Straumann® synOcta® Connection has a very precise fit. Its microgap is extremely small and is designed to eliminate microbial contamination.

5. Implant surface osseoconductivity
Straumann® Soft Tissue Level Implants feature the SLActive® Surface to improve the biological responses, maximizing treatment success and predictability.

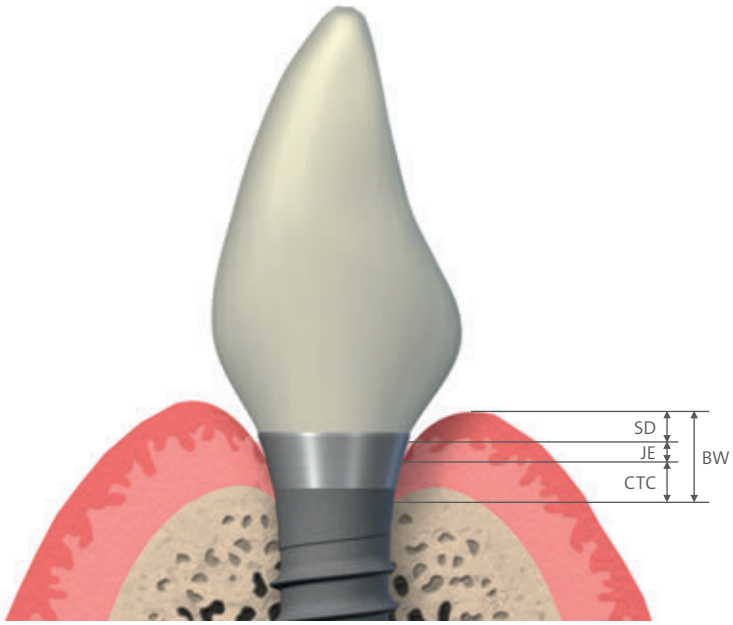
More than an implant philosophy.
Reducing treatment complexity.

Managing complexity within your practice is key to ensure patient treatment with peace of mind. Since it works at soft tissue level and manages the healing of the peri-implant soft tissues by the smooth collar, the Straumann® Soft Tissue Level Implant System offers ease of use and greatly reduced treatment complexity.

INTEGRATED SOFT TISSUE MANAGEMENT

The Straumann® Soft Tissue Level Implant has a built-in smooth neck that shapes the soft tissue, thus eliminating the need for healing abutments and time-consuming soft tissue management procedures. The integrated soft tissue management is designed to minimize both surgical and prosthetic treatment complexity:

- Designed for one-stage surgery thanks to the transgingival collar
- Preserves the soft tissue formed around the implant during the healing phase
- Enhances shaping of the soft tissues due to built-in emergence profile



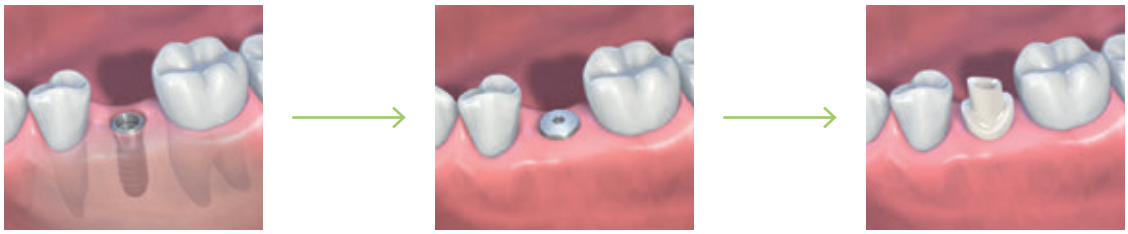
Schematic built-in emergence profile and soft tisues preservation[1]
Sulcus Depth (SD), Junctional Epithelium (JE). Connective Tissue Contact (CTC).
SD + JE+CTC=Biologic Width (BW)

EASY TO PLACE, RESTORE AND MAINTAIN

The Straumann® Soft Tissue Level System aims to reduce chair time and minimize treatment complexity. Thanks to its unique design, this gives you the advantage to easily access the implant by working at the soft tissue level:

- Clear view and accessibility of the implant connection, even in the posterior region
- Efficient workflow with impressions on abutment or implant level
- Simple abutment placement
- Easy hygiene maintenance for patients thanks to the height of the smooth collar

Treatment workflow on Soft Tissue Level System



1. Placement of an implant
2. Healing Abutment
3. Placement of the provisional Abutment

4. Conventional impression taking
5. Insertion of the Abutment
6. Crown in place

More than the synOcta® connection.

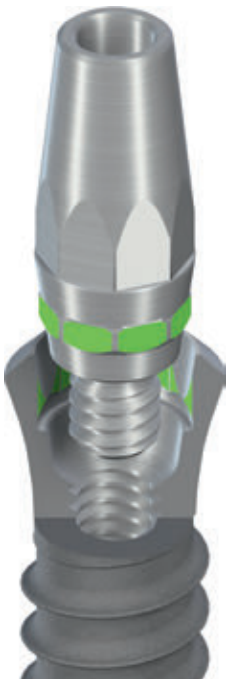
A reliable link combining implant and prosthetics.

With the increasing life expectancy and expectations from patients, providing proven, long lasting implant solution is crucial. The synOcta® connection is the latest step in the evolution of the Straumann® Soft Tissue Level System. Its uniqueness is in the combination of a taper and an octagon, designed for highest long-term reliability and prosthetic flexibility.

PRECISE AND FLEXIBLE POSITIONING WITH THE SYNOCTA® CONNECTION

Over time, the system has proven its reliability in an impressive and convincing way. For more than four decades, the synOcta® Connection and its predecessors have provided patients with a secure and trustworthy link between implants and corresponding prosthetic components by Straumann.

- Internal connection for secure fixation, and rotational protection
- The octagon allows flexible abutment positioning
- Morse taper with 8° cone is an ideal combination of cold welding and reliable vertical positioning

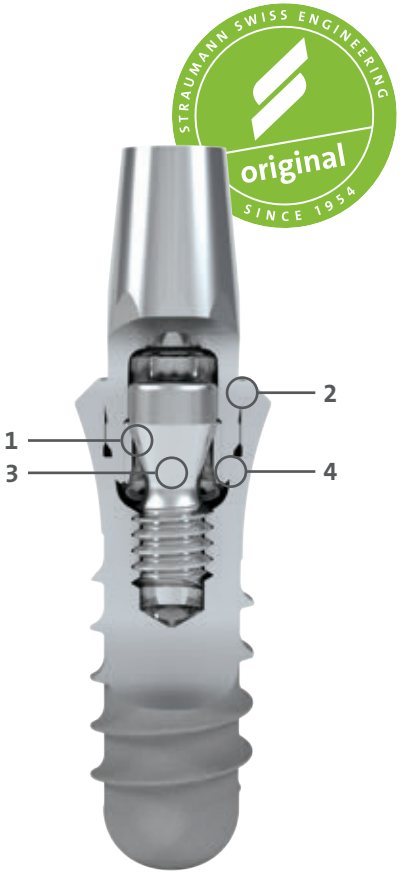


A SYSTEM DESIGN OF PERFECT HARMONY

With the exact knowledge of dimensions and tolerances of its implants, only Straumann is able to offer you a perfectly balanced and reliable fit of Straumann Implants and their corresponding prosthetic components. High-precision manufacturing and an extensively thorough inspection process ensure a consistent quality, allowing us to warrant up to a lifetime guarantee* on our original Straumann components.

FEATURES

1. Conical screw head
2. Tight conical implant / abutment interface
3. Tension screw
4. Deep implant/ abutment engagement



BENEFITS

1. No peak stresses, self-locking effect
2. Sealed connection
3. Avoid screw loosening or breakage
4. High stability

** For applicable terms and conditions of the Straumann Guarantee (including the Guarantee territory) please refer to the Guarantee Brochure (152.360/en) or visit your local Straumann website*

More than a time-tested solution.

Highly predictable long term results.

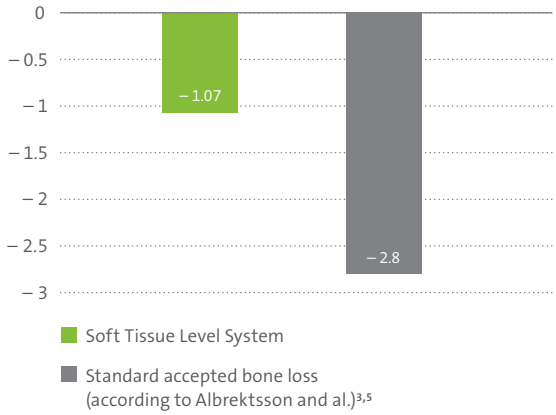
With a worldwide clinical success story of more than 40 years and more than 11 million implants sold since 2003, the Straumann® Soft Tissue Level System has been time-tested in a very impressive way. Backed by this long history, the Soft Tissue Level Implant has become one of the best documented and most predictable systems on the market today.

PREDICTABILITY IN FULLY EDENTULOUS PATIENTS: 10 YEARS CLINICAL DATA[3,4,5]

The 10 years prospective clinical data in the edentulous maxilla confirm the high treatment success from both surgical and restorative perspective of the Soft Tissue Level System:

- High bone stability around the implant after 10 years
- No implants lost between 5 and 10 years*
- No fracture of Straumann abutments or abutment screws during 10 years of function
- No patients with signs of peri-implantitis at 10 years**

Mean of Marginal Bone Loss at 10 years (in mm)



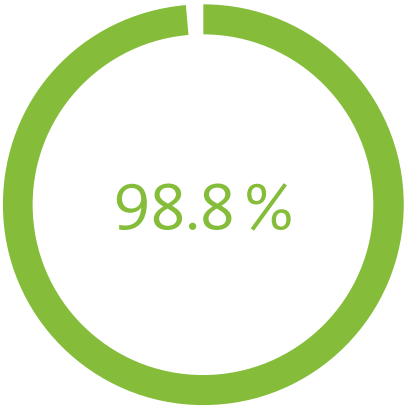
** One patient dropped out before 10-year evaluation. No further implants were lost between 5 and 10 years.*
*** Except in one patient with severe periodontitis*

PREDICTABILITY IN PARTIALLY EDENTULOUS PATIENTS: 10 YEARS CLINICAL DATA[6,7]

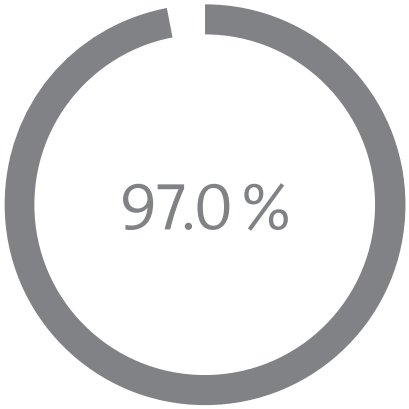
The 10 years retrospective study on partially edentulous patients demonstrated the high predictable survival and success rates of the Straumann® Soft Tissue Level Implant System:

- Outstanding high implant survival rate (98.8 %) and success rate of secondary prosthetic components (97.0 %) after 10 years in function
- Large cohort with 303 patients and 511 implants
- No implant fractures could be observed
- Remarkable low prevalence of peri-implantitis (1.8 %)

Implant survival rate (10 years)



Success rate of original* Straumann prosthetic secondary components (10 years)



Complications: 3 % (n = 13)

- 2.57 % Occlusal screw loosening (n = 10)
- 0.26 % Occlusal screw fracture (n = 1)
- 0.26 % Abutment fracture (n = 1)
- 0.26 % Abutment loosening (n = 1)

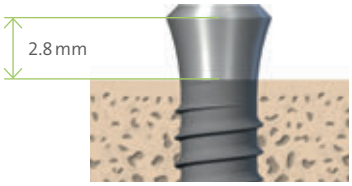
** pers. comm. Dr. Wittneben: For 278 out of the 303 patients 100% original Straumann prosthetic components could be verified, 25 patients could not be reached anymore as dentists were retired.*

More than a comprehensive portfolio.
A solution for all your needs.

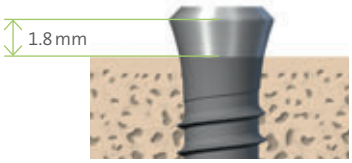
Enjoy more treatment flexibility for your patients. Choose from a complete range of treatment options to create the optimal tooth replacement outcomes for all indications, from single tooth to fully edentulous.

VERSATILE IMPLANTS DESIGN MAXIMIZING TREATMENT FLEXIBILITY

The Straumann® Soft Tissue Level Implant line is available with different body designs taking into account the biological principles. This allows for tailored treatment options according to the specific clinical situation, with respect to the fundamentals of implant dentistry.



Standard implant: the pioneer in one-stage/ transgingival healing
Neck section of 2.8 mm for classic single-stage procedures where the implant is placed at soft tissue level for transgingival healing.



Standard Plus implant: the flexible solution for more options
Shorter neck section of 1.8 mm, allowing for flexible coronoapical implant placement in combination with trans- or subgingival healing. It offers additional options that are particularly useful in the anterior tooth region.

STANDARD IMPLANTS

STANDARD PLUS IMPLANTS

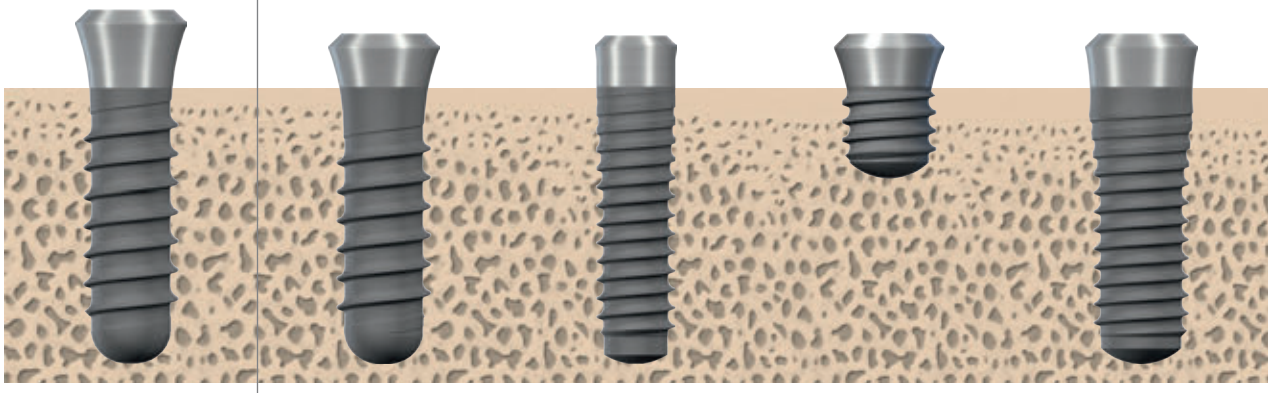
Standard
Pioneer of the one-stage approach

Standard Plus
A flexible solution for more options

Narrow Neck Crossfit®
More confidence in limited space

Standard Plus Short
New treatment possibilities

Tapered Effect
Immediate/early implantation



Ø 3.3 mm / 4.1 mm / 4.8 mm

Ø 3.3 mm / 4.1 mm / 4.8 mm

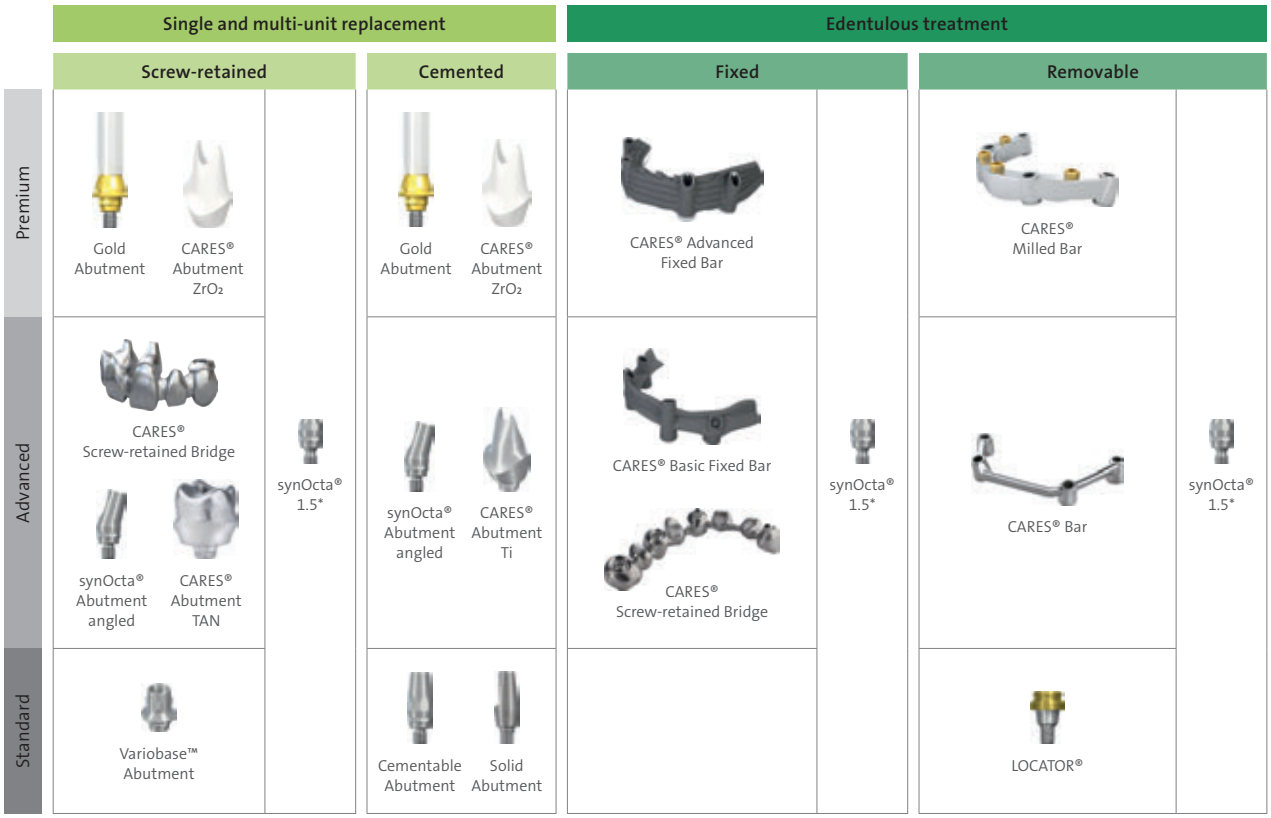
Ø 3.3 mm

Ø 4.1 mm / 4.8 mm

Ø 3.3 mm / 4.1 mm / 4.8 mm

PROSTHETIC COMPONENTS OF THE STRAUMANN® TISSUE LEVEL SYSTEM. ALWAYS THE RIGHT CHOICE.

For single and multi-unit replacements, the Straumann® Tissue Level System provides to your patients screwed or cemented solutions. For edentulous treatment, it offers fixed or removable options. You can choose between cost-effective and premium solutions, no matter whether you prefer a conventional or digital workflow.



Premium: Solution for cases requiring an enhanced degree of individualization combined with zirconia for high esthetics, or high noble gold alloys

Advanced: Technically advanced solution for cases requiring an enhanced degree of individualization

Standard: Cost-effective solution with standard components and techniques for straightforward cases

** Base abutment providing flexible solutions ranging from cost effective to high esthetics*

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