

# **CONFIDENCE AT BONE LEVEL**



### THE STRAUMANN® BONE LEVEL IMPLANT

The Straumann Bone Level implant is designed to offer clinicians the following benefits:

- High confidence and treatment predictability with SLActive® surface technology
- Minimal tissue trauma from start to finish to provide excellent results
- Same procedures and instruments for all Straumann dental implants



Designed to preserve crestal bone with **Bone Control Design<sup>TM</sup>** 

Consistent Emergence Profiles<sup>TM</sup> help with the management of soft tissue

Simplified handling with the CrossFit® Connection

### **SUPERB CRESTAL BONE PRESERVATION**

### THROUGH BONE CONTROL DESIGN

Straumann developed Bone Control Design™ based on five fundamental biological principles to help maximize crestal bone preservation and soft tissue stability.



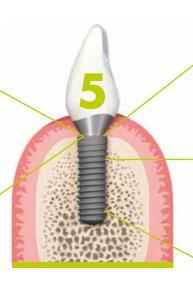
#### Respecting the biological distance

horizontal offset of the biological distance to help keep the microgap away from the bone



## Optimal position of smooth and rough surface

helps maximize osseointegration and crestal bone preservation with the SLActive surface to the top



#### Microgap control

conical connection designed to provide bacterial seal and helps minimize sensitivity to lateral forces



#### Implant surface osseoconductivity

increased treatment predictability and confidence with SLActive surface\*



#### Biomechanical implant design

excellent fatigue strength and optimized force transmission



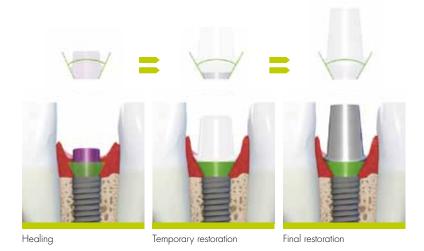
<sup>\*</sup> as compared to SLA®

### **EXCELLENT ESTHETIC OUTCOMES**

### THROUGH CONSISTENT EMERGENCE PROFILES™

The emergence profiles of Straumann's prosthetic components are designed to facilitate highly esthetic restorations that mimic natural teeth. These components, designed to match the abutment profiles, allow you to easily attain esthetic results through soft tissue management, allowing for:

- Minimal tissue trauma from start to finish
- Simplified soft-tissue management
- Patient comfort through minimized soft tissue impingement



## Prosthetic Options for the Straumann Bone Level Implant



Temporary Abutment Individual esthetics easy to achieve



Gold Abutment for crown or bridge Versatile solution for a wide range of applications



Anatomic IPS e.max® Abutment
Highly esthetic ZrO<sub>2</sub>-abutment in two
shades for natural appearance



**Customized Abutment**Customized implant prosthetics



**Cementable Abutment**Prosthetic handling closest to a natural tooth prep



Anatomic Abutment Individual esthetics easy to achieve



Multi-base Abutment
Flexible base for screw-retained
multiple-unit restorations



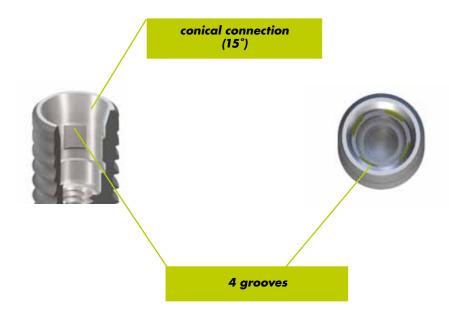
**Abutments for Bars** User-friendly solution for bar-retained dentures



**LOCATOR® Abutment**Flexible fixation for full dentures

### SIMPLIFIED HANDLING

THROUGH CROSSFIT® CONNECTION





## Feel the fit of the self-guiding connection

The prosthetic connection is intuitive, self-guiding and easy to grasp. The CrossFit connection:

- Gives prosthetic flexibility and stability through its deep conical connection
- Provides a clear-cut insertion through the guidance of 4 grooves
- Designed to prevent rotation



SAME

SURGICAL KIT,
PROSTHETIC KIT,
PROCEDURE,
and INSTRUMENTS

FOR ALL STRAUMANN®
DENTAL IMPLANTS

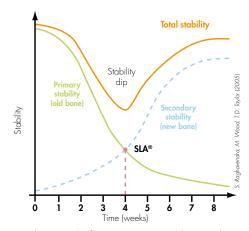
### **OUTSTANDING SUCCESS RATES**

### SLActive® - THE SURFACE WITH SUCCESS BUILT IN.™

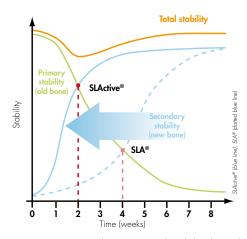
Straumann®'s SLActive surface sets a new standard in implant dentistry. As the first chemically active implant surface, SLActive is designed to offer you:

- Faster osseointegration\*
- Increased treatment predictability\*
- Reduced healing times, from 6-8 weeks to 3-4 weeks\*

### Secondary Stability Sooner\*



The speed of osseointegration dictates the severity and duration of the stability dip.



SLActive provides more predictability by achieving secondary stability sooner than SLA®.



### Straumann Bone Level Implant - Study Overview

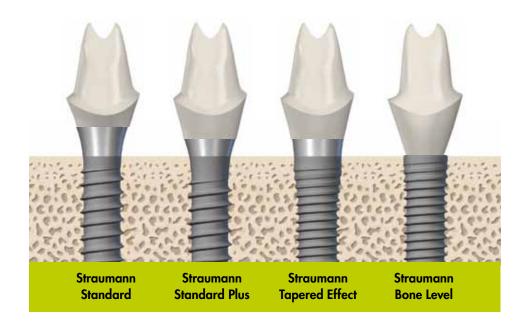
To date, several studies have been initiated to substantiate the performance of the Straumann Bone Level implant.

Торіс		Objective	Study Setup, Principal Investigator
property tests	Biomechanical stability	Ultimate strength and fatigue strength of the Straumann Bone Level implant in comparison to competitor implants	Hydropulser tests, ISO 14801, M. Wieland, Switzerland
	Reliability	Screw fit after cyclic mechanical load of the Straumann Bone Level implant	Hydropulser tests, ISO 14801, M. Wieland, Switzerland
	Microgap	Measurements of gap size	Diverse test setups, M. de Wild, Switzerland
pre-clinical studies	Bone maintenance	Bone maintenance with submerged and non-submerged implants placed at different heights	Delayed restoration, 60 implants, D. Cochran, USA
		Interproximal bone maintenance with adjacently placed implants	Immediate restoration, 72 implants, D. Tarnow, USA
clinical studies	Basic clinical evidence	Performance and esthetic outcome in single tooth gaps in the anterior maxilla	Single center, 20 patients, D. Buser, Switzerland
	Esthetics <sup>+</sup>	Submerged vs. non-submerged placement in the anterior maxilla and mandible	12 international centers, 134 patients, C. Hämmerle, Switzerland
	Various treatments <sup>+</sup>	Implant success and survival rate in daily dental practice	Over 100 active centers worldwide, over 1,500 implants

<sup>&</sup>lt;sup>+</sup> Clinical studies are ongoing.

<sup>\*</sup> as compared to SLA® in an animal study

## **CONFIDENCE AT ANY LEVEL**



## THE STRAUMANN® DENTAL IMPLANT SYSTEM -

## YOUR CHOICE

## www.straumann.com



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