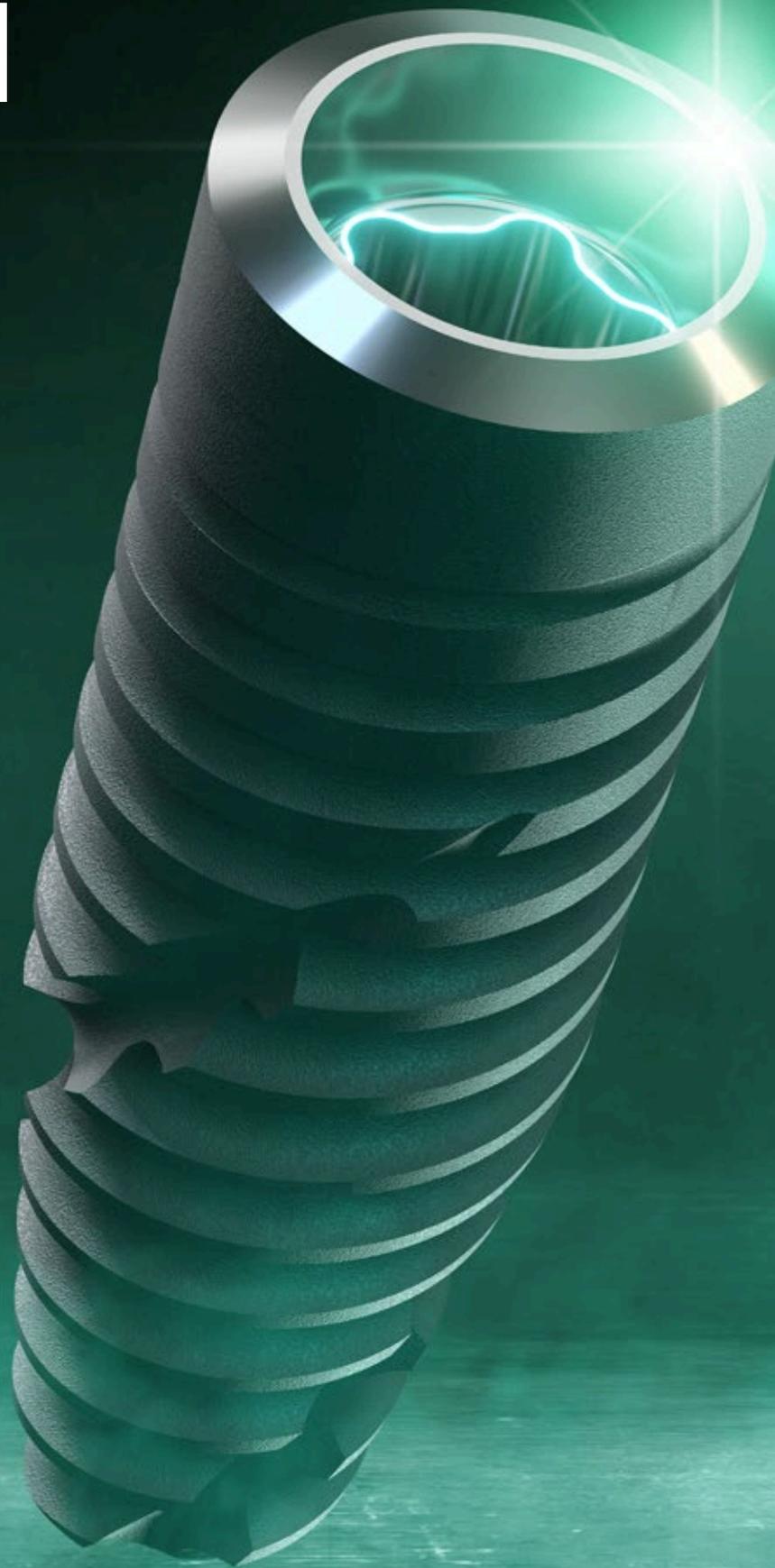


# STRAUMANN BLC™ IMPLANT SYSTEM

Confidence to perform  
in all indications.



# CONFIDENCE TO PERFORM IN ALL INDICATIONS

Straumann BLC™ is our new generation tapered implant with slim apex for bone level indications. The winning combination of innovative design, SLActive® surface technology and Roxolid® high performance material allows for less invasive treatments and high primary and secondary stability even in compromised bone situations.

## PERFORMANCE THAT CARES



Straumann® SLActive® surface demonstrates 100% implant survival rate, even in patients compromised by smoking, diabetes, or radiation therapy.<sup>1-3</sup>



Straumann® Roxolid® alloy is stronger and biologically superior to titanium enabling less invasive and bone preserving treatment options using smaller, stronger implants.<sup>4-7</sup>



*"I like to create easy to follow and clearly structured learning pathways."*

*Teach simple, treat broad: The universality of Straumann BLC™ implant design performing in all indications combined with one compact kit and single connection across implants clarifies steps and speeds learning across all indications.*

Straumann BLC™ is designed for you as the gateway to the world of Straumann iEXCEL™, our ultimate Dental Performance System. With Straumann BLC™ and Straumann iEXCEL™, you're not just investing in versatility, simplicity, and efficiency – you're also investing to reach unparalleled levels of excellence in modern dentistry.



### **MORE TREATMENT OPTIONS**

Versatile portfolio with additional diameters and lengths.



### **SIMPLICITY AND EFFICIENCY**

Simple, but versatile portfolio featuring one prosthetic connection as well as shared instruments and prosthetics with Straumann® BLX.



### **ESTHETIC EASE CONCEPT**

Slim and under contoured prosthetic abutment and consistent emergence profile.



*“In regenerated tissues I prefer an implant like BLC. It is less compressive, while providing high primary stability.”*

**Dr. France Lambert, Belgium**

# SPARK YOUR EXCELLENCE

Straumann BLC™ System highlights-innovative design to spark your excellence and perform in all indications.

## 1 PRECISE CORTICAL PREPARATION

Perfectly matching profile drills for accurate preparation of the crestal bone.

## 2 TAPERED DESIGN

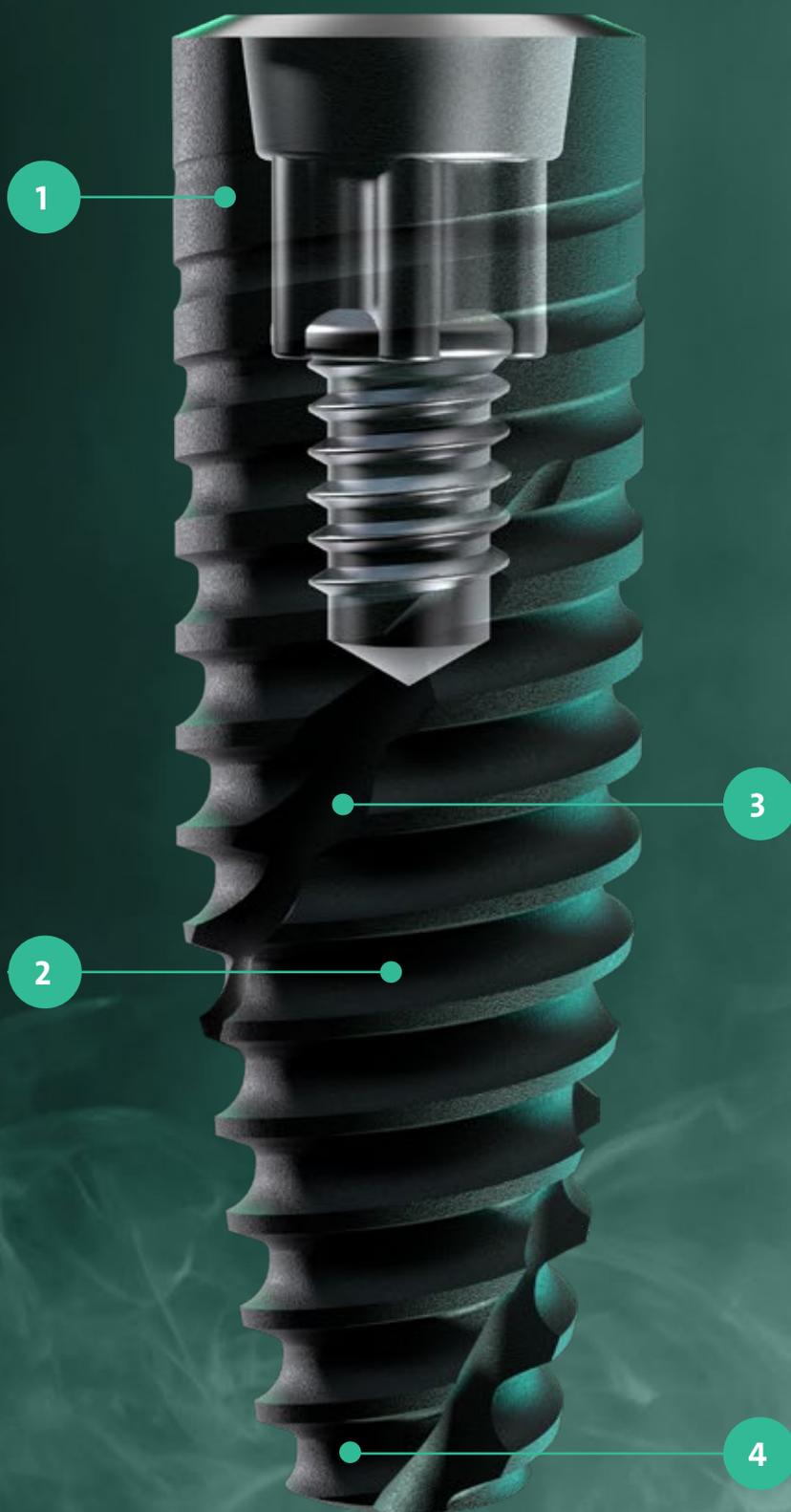
Enables under-preparation of the bone and ensures high implant stability.

## 3 EXTENDED CUTTING FLUTES

Self tapping properties remove the need for tapping.

## 4 SLIM APEX

For patient's limited anatomy, such as converging root tips, facial undercuts or narrow atrophied ridges.

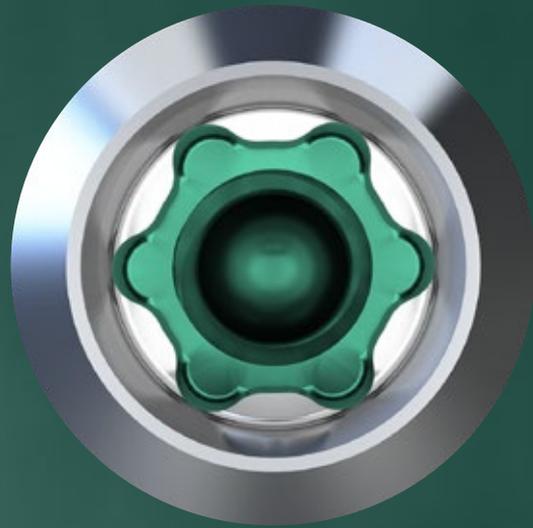


# TORCFIT™ CONNECTION

Internal conical connection engineered for high strength and slim abutment designs.

*“After 5 years of using BLX, I can say that the TorcFit™ connection is awesome – crestal bone stability is outstanding.”*

Dr. Algirdas Puisys, Lithuania



## STRENGTH OF TORX INDEX

- Allows transfer of high torques
- Six positions for flexible implant-abutment alignment

## PRECISE FIT OF 7° CONICAL CONNECTION

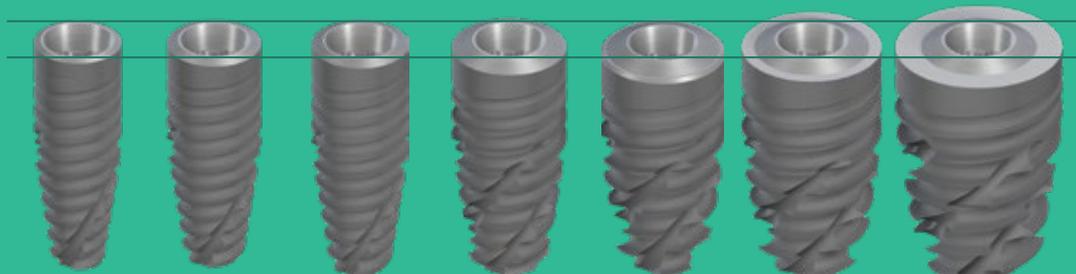
- Precise implant-abutment fit
- Abutment screw only engages in implant when the abutment is correctly seated
- Correctly seated abutments are secured with friction fit
- High mechanical stability and stress distribution

## ONE SIZE PROSTHETIC CONNECTION ACROSS ALL IMPLANTS

- One single driver for all implants
- Lower prosthetic inventory
- Simpler staff training

# VERSATILE PORTFOLIO FOR MORE TREATMENT OPTIONS

Ø3.3 mm   Ø3.75 mm   Ø4.0 mm   Ø4.5 mm   Ø5.0 mm   Ø5.5 mm   Ø6.5 mm



8–18 mm   6–18 mm   6–18 mm   6–18 mm   6–18 mm   6–16 mm   6–16 mm

- Reduced invasiveness with Ø3.75 mm implant for all tooth positions
- Additional 5.5 and 6.5 mm implant diameters
- Short 6 mm implant lengths

# EXCELLENCE THROUGH COMPLETE PROSTHETIC PORTFOLIO

ALL INDICATIONS AND DIGITAL WORKFLOWS

**Consistent Emergence Profiles™**  
throughout the full portfolio,  
for easy soft-tissue conditioning  
across all indications.



## STRAUMANN® FAST MOLAR SOLUTION



The Straumann® Anatomic Healing Abutment XC combines an anatomically shaped healing abutment with a scan body, enabling the capture of implant position and the sub-gingival emergence profile in a single tissue-level scan. Increasing workflow efficiency while minimizing soft tissue interventions.

## STRAUMANN® VARIOBASE® XC



Building on the clinically proven performance of Variobase®, Variobase® XC features a tall chimney and enhanced abutment-crown bonding strength designed to reduce the risk of debonding while eliminating the need for sandblasting. The comprehensive portfolio includes angled screw-channel options and a range of gingiva heights for single tooth to edentulous indications.

## PRE-MILLED ABUTMENT BLANKS



Pre-milled abutment blanks enable in-house manufacturing of one-piece custom abutments. With a pre-machined original Straumann® connection, precision and reliability are assured.

## STRAUMANN UNIQ™ CUSTOMIZED PROSTHETICS



Ensure ultimate restorative outcomes with the abutment emergence profile and shape specifically designed for your patient. For the most demanding cases, angle correction is available for abutments as well as screw-retained bars and bridges.

## SCREW RETAINED ABUTMENTS (SRA) FOR BRIDGES AND FULL-ARCH



The smooth, cleanable and undercontoured design reduces the need for bone profiling in surgery and is designed to maximize space for soft tissue.

## STRAUMANN® NOVALOC® RETENTIVE SYSTEM



Unique combination of ADLC-coated abutments and PEEK matrix inserts ensure low friction and excellent durability. The system accommodates up to 60° implant divergence, and offers multiple abutment heights and six retention strengths.



# CUSTOMIZE AS NEEDED

Our award-winning Modular Cassette is a customizable instrument cassette designed to blend into your clinic's daily workflow, allowing surgeons and assistants to work together efficiently.

## STRAUMANN® MODULAR CASSETTE

The Straumann® Modular Cassette is a compact instrument set which can be assembled and combined in different ways, allowing you to customize your kit with the tools you need.

- Module A: for universal and prosthetic instruments
- Module B: for workflow and drills – one insert that works with all Straumann iEXCEL™ implants
- Module C: add-on for guided surgery (handles) or a simple box for auxiliaries

### STRAUMANN® PROCLEAN™ CASSETTE

- Metal cassette for uncompromised hygiene



# STRAUMANN® VELODRILL™

The VeloDrill™ system enables you to use a single drill set that works with all Straumann iEXCEL™ implant designs.

## FLEXIBLE

Shared instrumentation for freehand and guided surgery with both X and C designs.

## SIMPLE

Drills are color-coded for easy identification of diameters.

## COOL

Low-temperature drilling. Avoids overheating surrounding structures.



# STRAUMANN iGUIDE™

Straumann iGuide™ is the guided system for the Straumann iEXCEL™ implant line.

## SEAMLESS INTEGRATION WITH STRAUMANN iEXCEL™

One system, four implant designs, fully connected to the digital ecosystem.

## STRAIGHTFORWARD AND INTUITIVE

Keyless drills, pictograms, and color coding make every step simple and predictable.

## PROSTHETIC-DRIVEN CONFIDENCE

Digitally planned, fully guided workflows reduce risk and improve outcomes.



# EXCEL WITH THE STRAUMANN® DIGITAL ECOSYSTEM FROM SINGLE UNIT TO FULL-ARCH

The Straumann® digital ecosystem your growth with a comprehensive range of seamlessly and open solutions, streamlining and upgrading your workflow for the final benefit of your patients. You can confidently rely on a single provider for all your implant procedures.

## SCAN



Straumann SIRIOS™ X3

## ENGAGE



Smilecloud

## PLAN



coDiagnostiX®

Smile in a Box®



### STRAUMANN SIRIOS™ X3

Go beyond image capturing and open the door to digital dentistry with Straumann SIRIOS™ X3; with ultimate accuracy and a revolutionary scanning performance, it is specifically designed to unlock streamlined digital workflows.

### SMILECLOUD

Captivate your patients through natural biometric smile design and effectively engage your network with the potential of interdisciplinary workflows. Start today with Smilecloud!

### CODIAGNOSTIX®

Unlock the potential of treatment planning with coDiagnostiX® including AI-powered data preparation, visualization and automated tooth extraction designed to efficiently access immediate treatments.



### FLEXIBILITY

From single unit to edentulous cases, with our solutions you have the right tools to streamline your workflow.



### EFFICIENCY

Implement streamlined workflows that are designed to promote speed and quality in your treatment.



### PREDICTABILITY

Boost your confidence with digital treatment planning and guided procedures designed to achieve predictable results.



### EXCELLENCE POWERED BY AI

Our solutions are infused with AI to empower you to achieve your goals with efficiency and speed.

## PLACE

## 2<sup>ND</sup> SCAN

## PRODUCE



#### SMILE IN A BOX®

Outsource planning, design, and/or manufacturing and access immediate treatment protocols without requiring additional hardware and software investments.

#### STRAUMANN EXACT™

Straumann EXACT™ offers a fully digital, cost-effective full-arch workflow. BASE scanbodies and LINKS enable precise SRA scanning, seamlessly integrating with Straumann AXS™ for accuracy, efficiency, and flexibility without costly photogrammetry.

#### STRAUMANN UNIQ™\*

Use a premium service to outsource the planning, design, and manufacturing of your custom implant prosthetics on demand, based on your specific needs.

\*The availability varies by region; contact local team for details.

STRAUMANN iEXCEL™

# UNLEASH YOUR POWER

Straumann iEXCEL™ is our ultimate Dental Performance System. Versatility of four implant designs in a single system. Simplicity of one prosthetic connection. Integrated digital workflows and services that help save your time.

## \* TRUE CLINICAL VERSATILITY

With four implant designs in one single instrument set, you're able to choose the right option to tackle most patient situations, even during surgery. The SLActive® surface excels even for patients who are compromised by smoking, diabetes, or radiation therapy.<sup>1-3</sup>

## \* SIMPLICITY YOU'LL LOVE

One TorcFit™ connection for all four implant designs sharing the same connection diameter for all prosthetics. Profit from restorative simplicity with a complete range of Straumann® original stock and customized prosthetics.

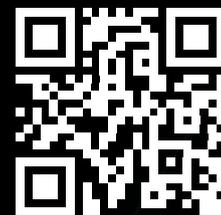
## \* CONNECTED DENTISTRY TO EMPOWER EXCELLENCE

Our system offers integrated digital workflows and services designed to deliver predictable, efficient and high-quality outcomes, from single to full arch indications.

# 84%

of clinicians who tried the Straumann iEXCEL™  
system would switch to it\*

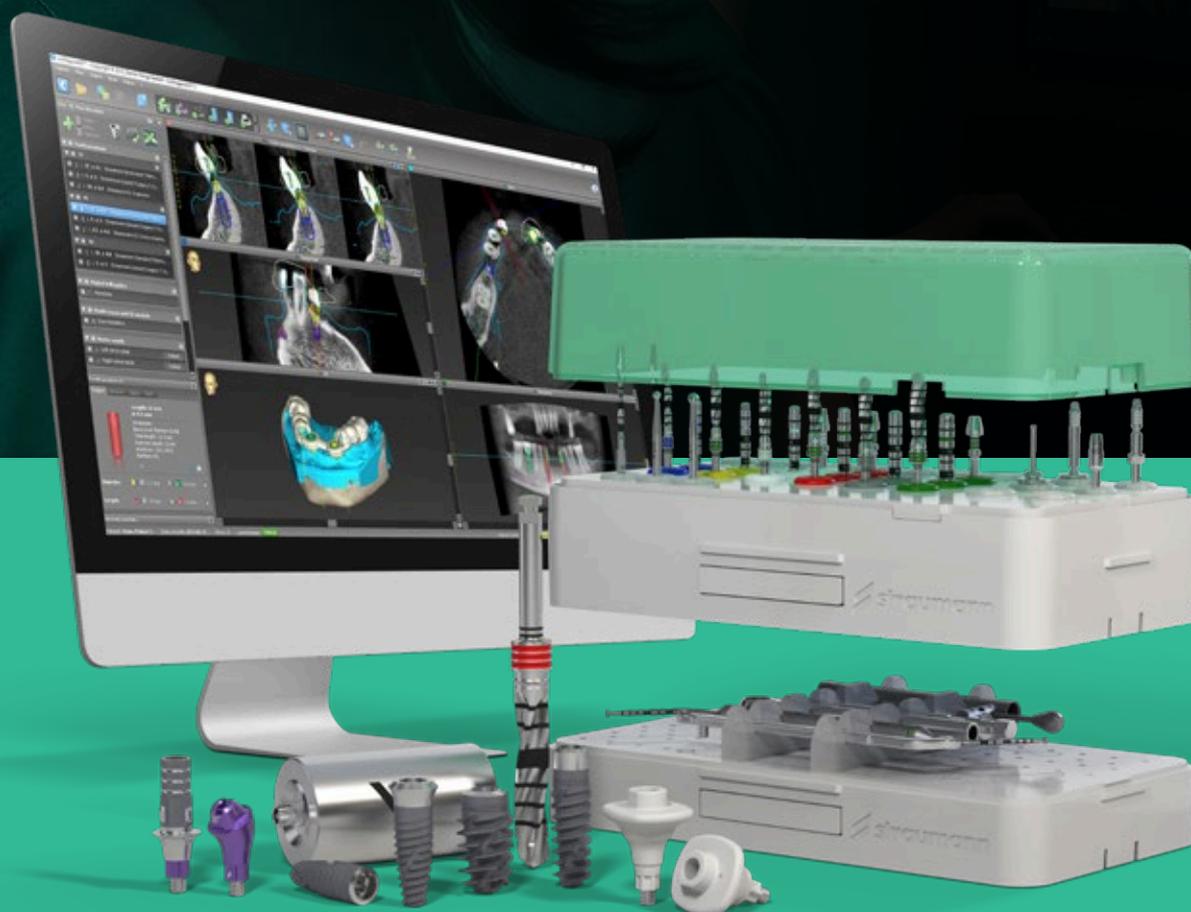
\*n=50, Jan 2024, Satisfaction survey with clinicians from Europe.



Discover  
Straumann iEXCEL™

*\* "I want to create flawlessly executed work where every detail reflects my craftsmanship."*

*Straumann iEXCEL™ elevates precision and esthetics: four implant designs, one connection for seamless control, plus integrated digital workflows that protect detail, reduce remakes, and give you more time to perfect the finish.*



# STRAUMANN® REGENERATIVE SOLUTIONS MASTER ANY CHALLENGE

To ensure clinical success, dental implants require stable and healthy hard and soft tissue. Straumann® Regenerative Solutions regenerate the hard and soft tissue around teeth or dental implants, to maintain long-lasting functionality and esthetics. Our solutions are built on three pillars along the patient's dental journey, and cover the entire range of cases, from simple to complex.





## TOOTH PRESERVATION

Natural teeth are unique and, as dental professionals, we strive to preserve them as long as possible. Untreated inflammation can advance to periodontitis and potentially result in tooth loss.

Straumann® Emdogain® is a central part of our solution to support the effective regeneration of the periodontium and accelerate the healing to help maintain natural teeth.



## IMPLANT SITE MANAGEMENT

The right amount of hard and soft tissue is key for successful dental implant placement. Our solution includes a comprehensive biomaterials portfolio to support tissue regeneration for optimal implant placement conditions.



## IMPLANT PRESERVATION

Healthy peri-implant tissues are vital to preserve the placed implant. Untreated inflammation can advance to peri-implantitis and potentially result in implant loss. GalvoSurge® is a central part of our solution to support the effective regeneration of hard and soft tissue to help maintain dental implants.

# GALVOSURGE® DENTAL IMPLANT CLEANING SYSTEM

- **Speed:** effectively removes biofilm from the implant surface in just 2 minutes
- **Reliability:** provides optimal conditions for bone regeneration
- **Safety:** offers a minimally invasive treatment process to successfully treat peri-implantitis without implant removal



# DRIVEN TO EXCEL

FOR YOU AND YOUR PATIENTS

A comprehensive array of products, solutions, and services made Straumann® a leader in the global market for implant, restorative, and regenerative dentistry. With a focus on digital, seamless workflows, Straumann® provides an end-to-end, customer-centric treatment experience. An integrated ecosystem enhances efficiency, convenience, and collaboration, supporting dental professionals with secure data storage and sharing, and leveraging evidence-based and data-driven processes.

Available in more than 100 countries, the Straumann® brand is associated with Swiss quality, precision, and innovation, fostering confidence among dental professionals, supported by the world's largest global scientific network and a partnership with the International Team for Implantology (ITI).



Straumann® is the flagship brand of the world's largest implant manufacturer group – the Straumann Group. Renowned as one of the most iconic brands in dentistry, we have a long-standing legacy of pioneering significant advancements in the field. We are at the forefront of expanding the scope of dental care by relentlessly and consistently providing excellence and transformational innovation to a global community of forward-thinking dental professionals.



# CLINICAL CASES

## Maxillary esthetic area bridge in a regenerated bone area with immediate loading

Anterior Maxilla with horizontal bone resorption, a GBR procedure was performed utilizing Xenograft and Jason membrane. 7 months after a successful regeneration a Guided surgery implant placement procedure was performed using 4 apically tapered Straumann BLC™ implants Ø4.5 mm × 12 mm SLActive® Roxolid® with immediate provisional bridge.



Dr. France Lambert



Initial situation



Occlusal view 7 months after GBR



CBCT 7 months after GBR



Precise implant positioning through guided surgery



Immediate Provisional



Control after 8 months



Radiographic control. Final bridge



Final restoration

## Straumann® Fast Molar Solution with the new Straumann® Anatomic Healing Abutment XC

Single-tooth replacement in the posterior maxilla following extraction of a non-restorable molar with a vertical root fracture. A flapless, minimally invasive approach was chosen to preserve hard and soft tissues. Immediate implant placement was performed using a Straumann BLC™ implant, achieving good primary stability. The Straumann® Anatomic Healing Abutment XC (AHA) was placed on the day of surgery to support immediate guided soft tissue healing and eliminate the need for provisionalization. After an uneventful healing phase, the AHA was scanned, and a final screw-retained milled full-frame zirconia crown on a Variobase® was delivered.



Dr. Algirdas Puišys

# Maxillary overdenture with immediate loading

Edentulous maxilla with limited bone height in the posterior region. Flapless guided surgery, placement of two Straumann BLC™ implants  $\varnothing 3.75 \times 10$  mm (at positions 12 and 22) and two Straumann BLC™ implants  $\varnothing 4.5 \times 10$  mm (at positions 14 and 24). Immediate fixed temporization was achieved using the patient's former denture, which remained in function for three months. Subsequently, considering the patient's presentation with a thin upper lip, high smile line, and vertical bone crest atrophy, a final metal-reinforced overdenture fixed on a Dolder bar was selected.



Dr. Jiri Krug



Occlusal view before surgery



Fully guided drilling



Implant placement, BLC  $\varnothing 3.75 \times 10$  mm SLActive®, Roxolid®



Provisional bridge with the titanium copings made from a reinforced full denture



Screw-Retained Abutments after 8 weeks



Position of the CAD/CAM titanium Dolder bar (Createch) within the outline of the overdenture



Panoramic X-ray done for Sheffield test approval



Post-op smile at 4-month follow up



Initial situation of tooth #46



Immediate placement of Straumann BLC™  $\varnothing 6.5 \times 6$  mm SLActive® Roxolid® implant



The AHA was placed on the day of surgery, sealing the extraction socket and supporting peri-implant soft tissues



Radiographic control confirming correct implant and AHA positioning



Two months post-surgery, final impression taking by scanning the AHA scan-body features



After AHA removal, healthy and well-contoured peri-implant soft tissues were observed



Final crown in situ, demonstrating a favorable clinical outcome



Final radiograph showing stable peri-implant conditions and satisfactory healing

# STRAUMANN BLC™ – CONFIDENCE TO PERFORM IN ALL INDICATIONS.



Discover  
Straumann iEXCEL™

- The new generation bone level implant
- Winning combination of innovative design, Roxolid® material and SLActive® surface
- Straumann BLC™ is your gateway to the world of Straumann iEXCEL™, our ultimate Dental Performance System

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**iEXCEL**   
STRAUMANN® PERFORMANCE SYSTEM

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