

STRAUMANN® FAST MOLAR SOLUTION

The Straumann® Anatomic
Healing Abutment XC.



CONFIDENCE COMES WITH PREDICTABILITY

Straumann Fast Molar solution, a winning combination of workflow innovation with the Straumann Anatomic Healing Abutment XC in combination with Straumann iEXCEL, our ultimate Dental Performance System, assists you to achieve predictability and simplicity in your single tooth workflow.

Conventional post-surgical treatment workflows for single-tooth implant restorations can be complex, invasive and uncomfortable for you and your patients. Multiple abutment removals for impression-taking and soft tissue conditioning can be time-consuming and moreover may negatively impact the marginal peri-implant tissues and overall implant health.^{1,2}

Achieve predictability and simplicity in your single-tooth treatments with the Straumann® Fast Molar solution, a winning combination of workflow innovation with the Straumann® Anatomic Healing Abutment XC in combination with Straumann iEXCEL™ – our ultimate Dental Performance System.



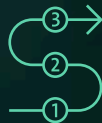
"I want to streamline workflows to improve efficiency and patient experience."

Straumann® Fast Molar Solution delivers a concise place-scan-restore workflow driven by a versatile 2-in-1 Anatomic Healing Abutment, designed to reduce chairtime and component changes – efficiencies that can translate into capacity for more patient appointments.



CONFIDENCE

Streamlined workflow and services that are designed to deliver speed, quality and predictability for your single-tooth implant treatment plans.



STREAMLINED DIGITAL WORKFLOW

Full control and flexibility at every stage of the modular end-to-end workflow. Tailored options for data acquisition, planning, surgery and full flexibility in the restorative approach.



EFFICIENCY

Having two components in one helps minimize the need for multiple abutment removals, preserving soft tissue attachment and reducing the risk of contamination of the implant site.

SIMPLIFY PROCEDURES AND SAVE TIME

2-in-1 solution with an anatomical shape.

Healing Abutment



Scanbody



Anatomic Healing
Abutment XC

The new Straumann® Anatomic Healing Abutment XC combines a healing abutment and a scanbody in one component. The healing component follows the consistent emergence profile of Straumann® final abutments and features an anatomic shape in its upper area.

1 ONE-PIECE SCANBODY

- Highly accurate scanning feature, enables convenient intraoral scanning (IOS) at tissue level
- The flat surface perfectly aligns with the orientation of the TorcFit® connection

2 UNIQUE IDENTIFICATION CODE

- The IOS-readable identification code is visible on the STL scan files, allowing for easy detection of the component

3 ANATOMIC EMERGENCE PROFILE

- Pre-defined natural tooth shape (AH 3 mm)
- Open CAD library of all the shapes enable the design and manufacture of perfectly matching final restorations

4 CONSISTENT EMERGENCE PROFILES™

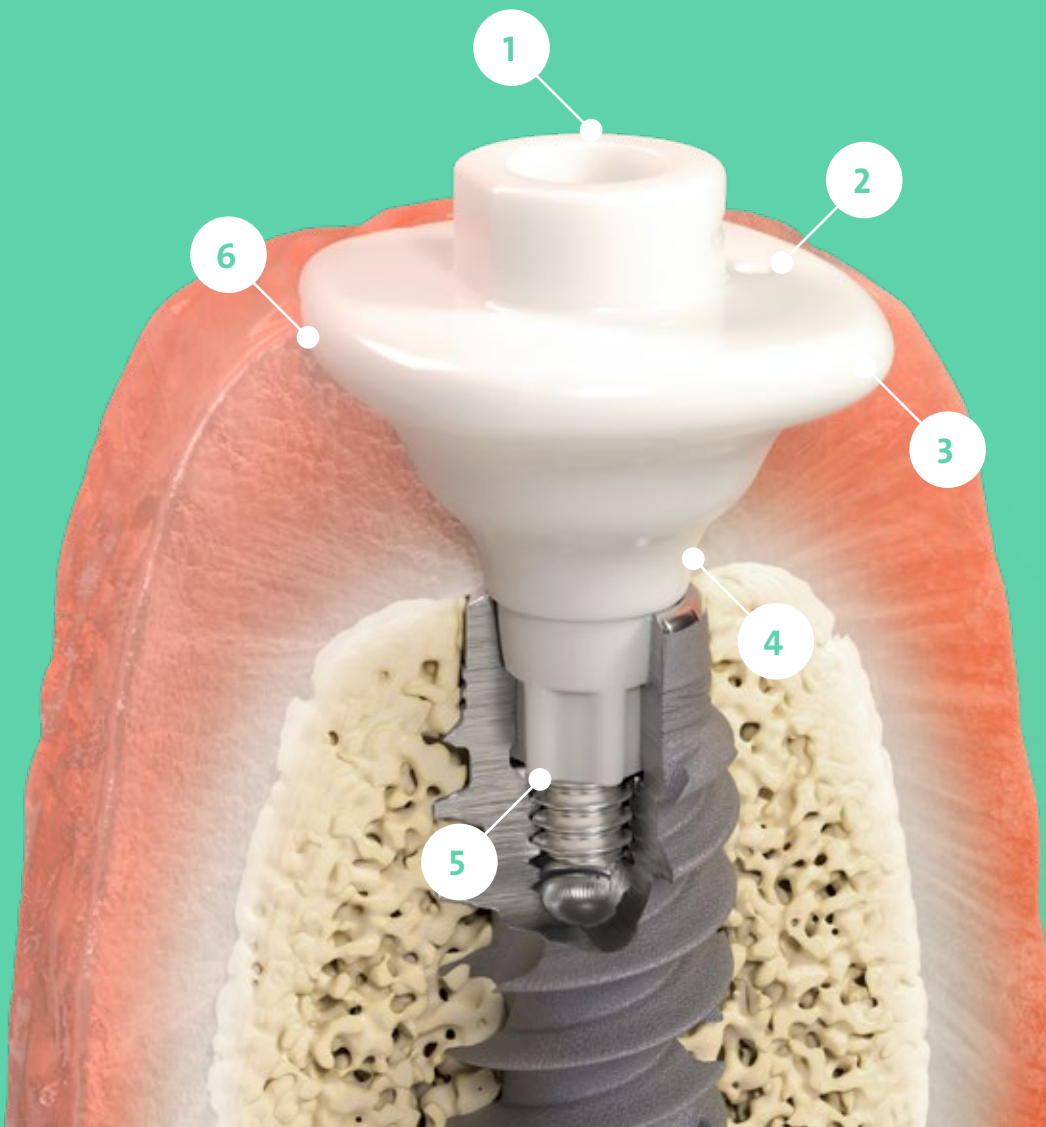
- Optimize the soft tissue management process with the uniform emergence profile of the Straumann® iEXCEL bone-level abutments
- Available in two different heights (GH 1.5 mm & GH 2.5 mm)

5 TORCFIT™ CONNECTION

- To avoid seating errors, the basal screw only engages once the Anatomic Healing Abutment is fully seated
- Six rotational positions for flexible implant-abutment alignment

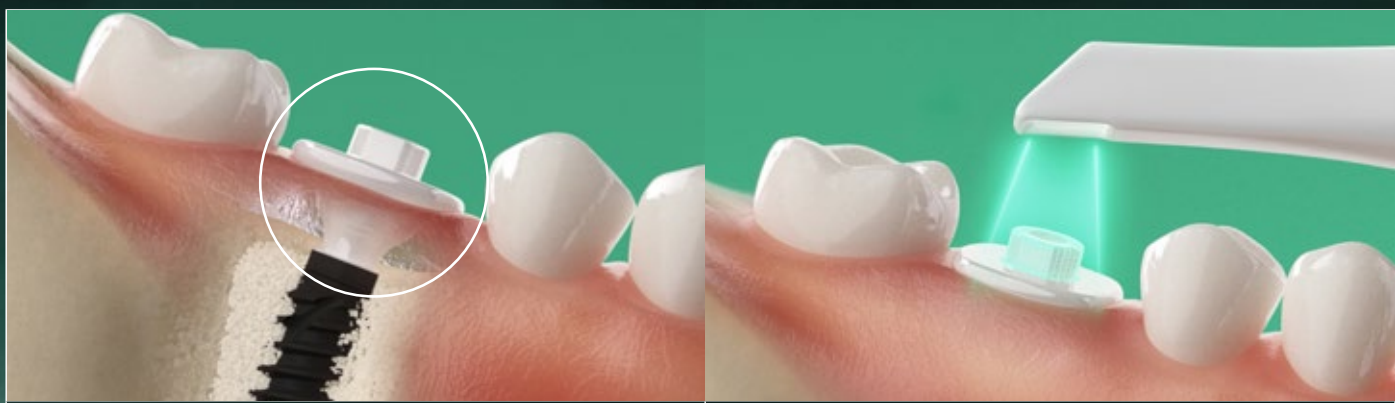
6 PEEK MATERIAL

- Excellent scanning capabilities, no need for scan spray or powder
- Chairside modifications can be applied easily



EFFORTLESS 3-STEP WORKFLOW

For an efficient and easy restorative process. The new Straumann® Fast Molar Solution makes restoration an easy, 3-step process.



1. PLACE

Immediate soft tissue stabilization

Benefits for surgeons

- The anatomic shape supports an immediate soft tissue seal, enhancing the stabilization and preservation of peri-implant tissues³⁻⁸
- Tailored portfolio of stock abutments designed to provide an ideal match without the need for chairside modifications, reducing chairtime and simplifying the workflow
- Delivers an efficient workflow that can clearly differentiate your practice within your referral network

2. SCAN

Scan without removing the healing abutment

Benefits for restorative dentists

- By reducing the overall number of soft tissue interventions, the two-in-one component saves time and minimizes soft tissue disruptions
- The anatomic profile helps prevent seating issues and reduces the need for adjustments to the final restoration
- Anatomically shaped healing abutments have been shown to enhance soft tissue contouring and improve esthetic outcomes compared to conventional round-shaped healing abutments^{9,10}

Benefits for the patient*

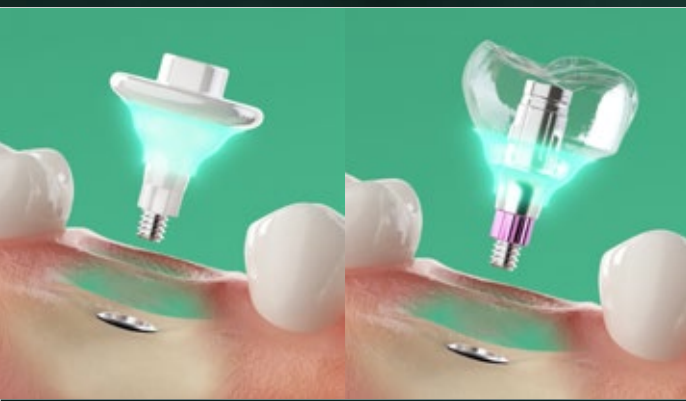
- **Natural esthetic outcome** is facilitated by the anatomically shaped healing abutment
- **Enhanced patient comfort** with fewer soft tissue interventions and adjustments during the healing phase
- **Reduced chair time** through an efficient, streamlined treatment process

*compared to traditional procedures.



“
The Anatomic Healing Abutment is especially useful in immediate extraction cases, as its anatomic shape preserves the existing gingival architecture nicely.”

Dr. Verdalle Pierre-Marc, Surgeon, France



3. RESTORE

Perfectly matching emergence profile

Benefits for dental labs

- Standardized digital workflows help increase efficiency and save time in the dental lab
- Open CAD libraries of the anatomical profile ensure excellent prosthetic seating and enhanced patient comfort
- Unique scan identifier facilitates communication between clinician and dental lab



“
Fewer components and less soft tissue interventions benefit both clinician and patient. The predefined emergence profile ensures a precise fit and greater comfort, preventing pressure and soft tissue ischemia when delivering the final crown.”

















Dr. Kai Fischer, Surgeon, Germany

DESIGNED FOR EFFICIENCY AND EFFORTLESS ESTHETIC OUTCOMES

A range of options, inspired by natural tooth shapes, designed to match each extraction socket. Choosing the matching component is easy thanks to our optimized portfolio and the straight-forward selection guide.



The Straumann® Anatomic Healing Abutment can be used for immediate workflows and for healed sites. The PEEK material allows for easy chairside modifications, for cases where a specific shape is required.

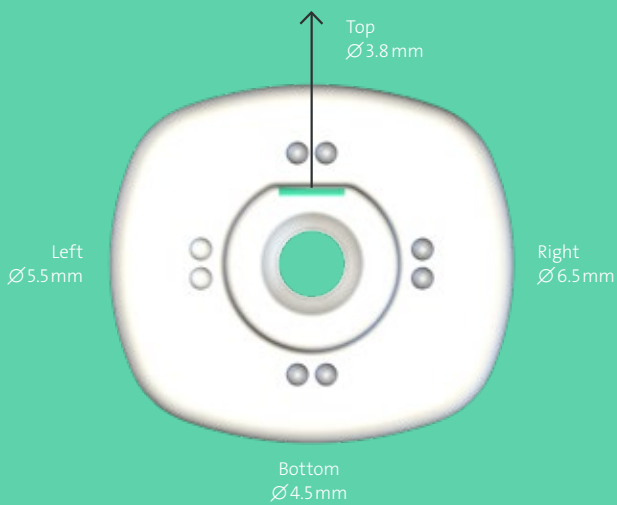
Shape	S 	S1 	M 	XL 		
Ø and Platform	Ø 3.8 mm RB/WB	Ø 3.8 mm RB/WB	Ø 3.8 mm RB/WB	Ø 4.5 mm RB/WB	Ø 5.5 mm WB	Ø 6.5 mm WB
GH 1.5 mm ●						
GH 2.5 mm ●●						

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



“
The Fast Molar Solution has definitely increased my workflow efficiency. It is so clean and easy to work with.”

Dr. Mona Eide, multidisciplinary dentistry, Norway



The intuitive identification code makes communication easy. The simplicity of the Fast Molar Solution makes this concept an ideal entry-level solution for digital dentistry.

- The number of dots represent the GH of the abutment (1 dot: GH 1.5mm, 2 dots: GH 2.5mm)
- The position of the dots, in relation to the flat surface, represent the diameter of the healing platform

Ready to use delivered in sterile packaging

The screw is pre-assembled and the self-retaining screw with SCS screwdriver allows safe, sterile insertion into the implant.



EXCELLENCE THROUGH COMPLETE PROSTHETIC PORTFOLIO

ALL INDICATIONS AND DIGITAL WORKFLOWS

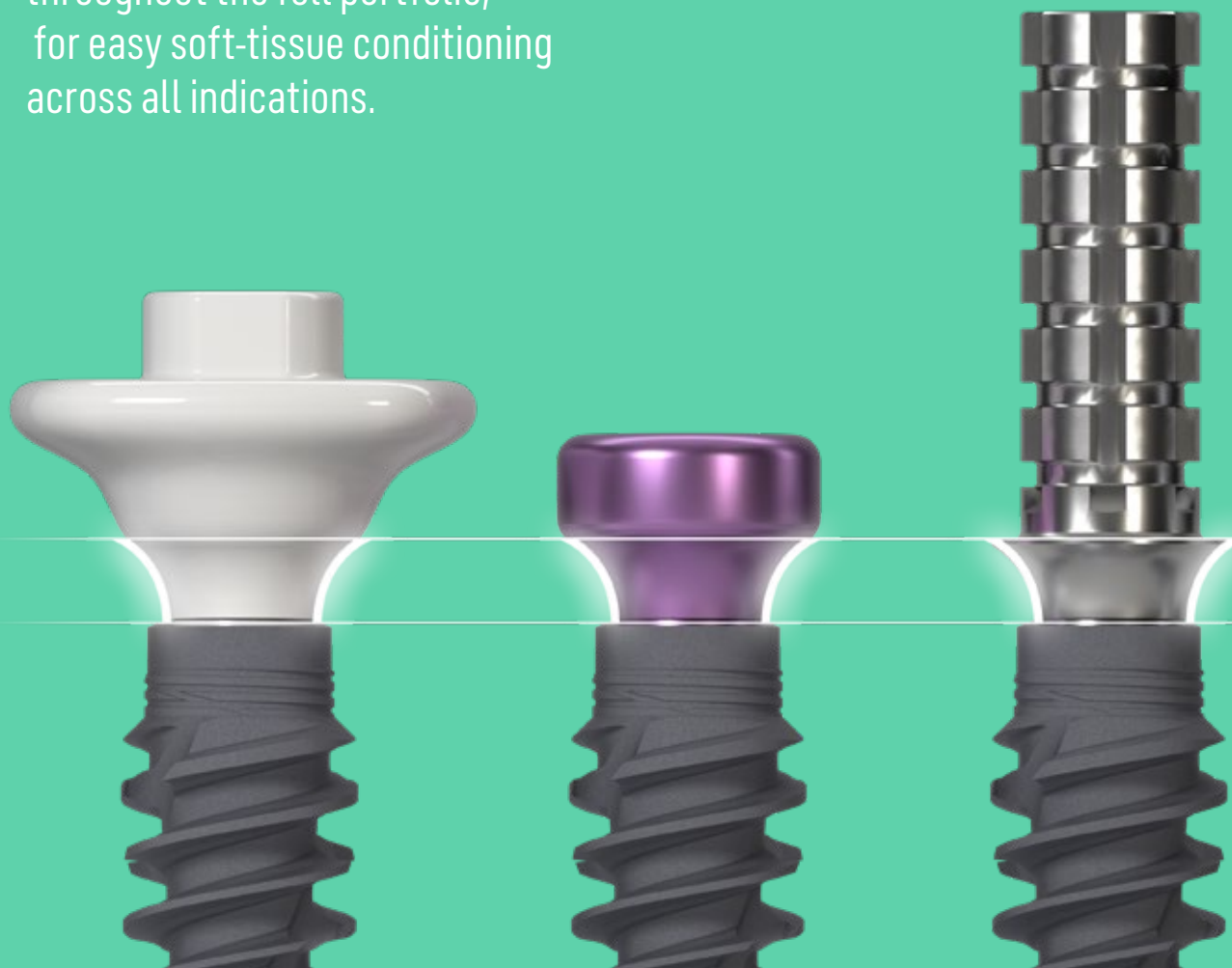
Pre-Defined Anatomic Shape

To enhance soft tissue contouring and improve esthetic outcomes.*

*compared to conventional round-shaped healing abutments.

Consistent Emergence Profiles™

throughout the full portfolio,
for easy soft-tissue conditioning
across all indications.





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.



CAD/CAM LIBRARIES

Reducing complexity through connectivity. Straumann® Digital Solutions offer design libraries for third-party CAD/CAM systems which enable the CAD design of patient-specific devices to match Straumann® implants and prosthetic solutions.



“

The soft tissue healed as every prosthodontist dreams: no additional conditioning was needed, and the final crown seated perfectly to the AHA-shaped emergence profile. ”

Dr. Eglė Vindašiūtė-Narbutė, Prosthodontist, Lithuania

EXCEL WITH THE STRAUMANN® DIGITAL WORKFLOW

EXPLORE THE STRAUMANN® FAST MOLAR SOLUTION

The Straumann® digital ecosystem empowers 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



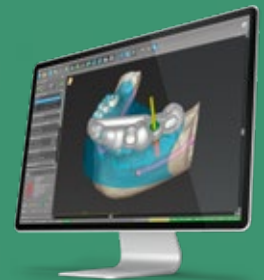
Straumann SIRIOS™ X3

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.



PREDICTABILITY

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



EFFICIENCY

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



EXCELLENCE POWERED BY AI

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

PLACE

2ND SCAN

PRODUCE



Straumann iEXCEL™



Straumann SIRIOS™ X3



Straumann UNIQ™



Straumann® Anatomic Healing Abutment



Straumann® Variobase® XC

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.

CHOOSE. MIX. EXCEL

BONE LEVEL

Straumann® Bone Level Implants are designed for a natural look and feel, with Consistent Emergence Profiles™ soft-tissue management providing outstanding esthetic results. Now with Straumann iEXCEL™ you can choose from two bone level designs to tackle most patient situations intraoperatively.

BLC and BLX Ø 3.75 mm can be used in all tooth positions to allow bone preservation and highly esthetic outcomes.

BLC FEATURES

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.

BLX FEATURES

1 REDUCED NECK DIAMETER

Reduces stress on crestal bone and facilitates subcrestal implant placement.

2 VARIABLE THREAD DESIGN

Thin and progressive thread design for high implant stability.

3 BI-DIRECTIONAL CUTTING ELEMENTS

Enables direction control during insertion to achieve prosthetically optimal positioning.

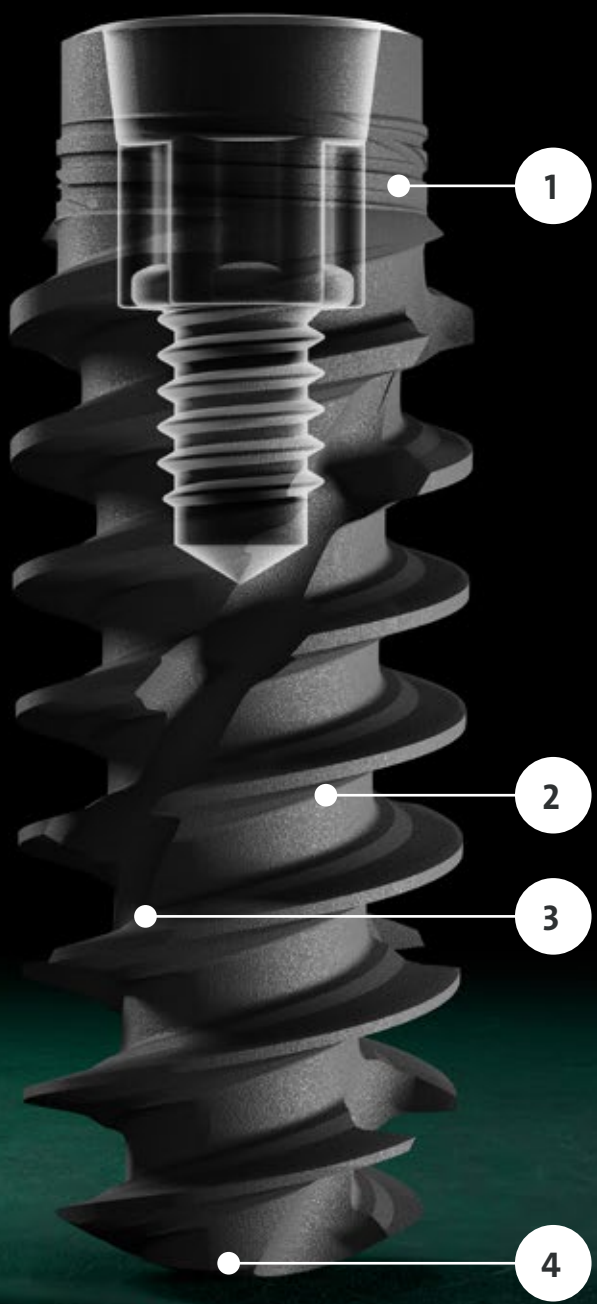
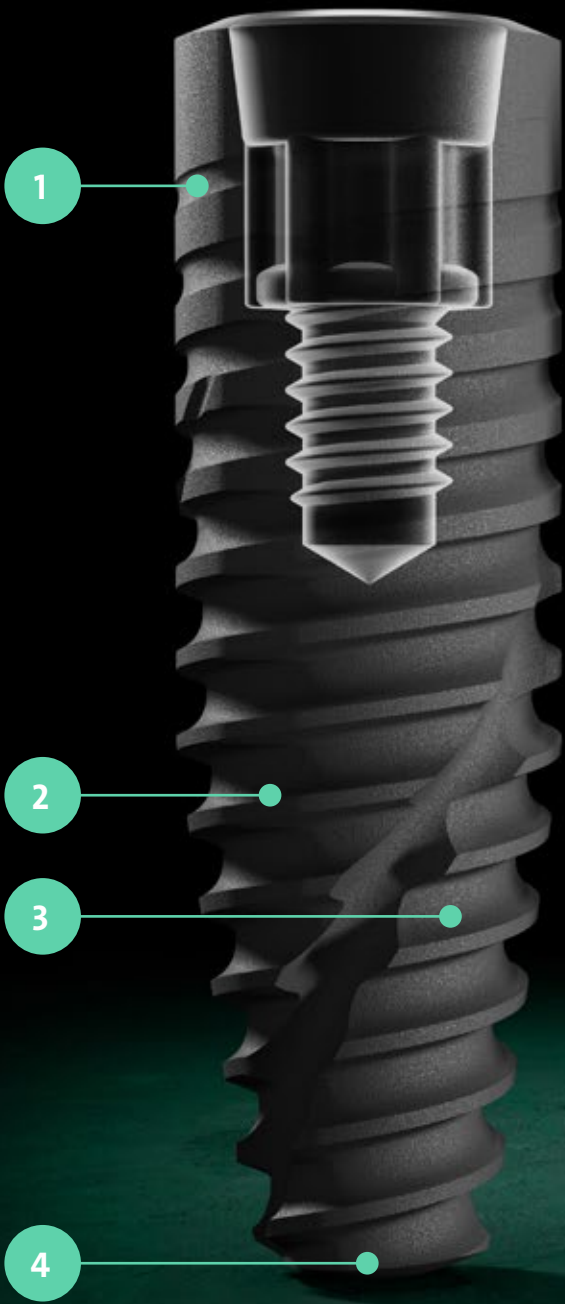
4 DEEP APICAL THREADS

Large anchoring surface for immediate engagement and improved stability.

	Ø 3.3 mm	Ø 3.5 mm	Ø 3.75 mm	Ø 4.0 mm	Ø 4.5 mm	Ø 5.0 mm	Ø 5.5 mm	Ø 6.5 mm
BLC	✓		✓	✓	✓	✓	✓	✓
BLX		✓	✓	✓	✓	✓	✓	✓
Lengths	8–18 mm	8–18 mm	6–18 mm	6–18 mm	6–18 mm	6–18 mm	6–16 mm	6–16 mm

BLC IMPLANT

BLX IMPLANT



SLActive®
Roxolid®

ONE CONNECTION. ONE DRILL SET. ONE INSTRUMENT SET.

NO LIMITS. JUST CHOICE.



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

Dr. Algirdas Puisys, Periodontologist, Lithuania



TORCFIT™ CONNECTION

One internal conical connection across all implant diameters, engineered for high strength and slim abutment designs.

- Torx index allows for high torque transfer and six positions for flexible implant-abutment alignment
- Precise fit of 7° conical connection, screw only engages when abutment is correctly seated
- Abutment is secured with friction fit with a high mechanical stability and stress distribution
- Single prosthetic connection and consistent tools reduce the inventory, simplify use, and streamline staff training



STRAUMANN iGUIDE™

Straumann iGuide™ is our static guided system for Straumann iEXCEL™ implant lines. Designed for fully guided implant bed preparation and insertion in combination with a surgical template.

- Designed for straightforward use
- Option to seamlessly integrate to Straumann® digital workflows
- One-hand surgery possibility thanks to drills with physical stops



STRAUMANN® MODULAR CASSETTE

The Straumann® Modular Cassette is a compact instrument set which can be assembled and combined as required, 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 iEXCEL implants

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

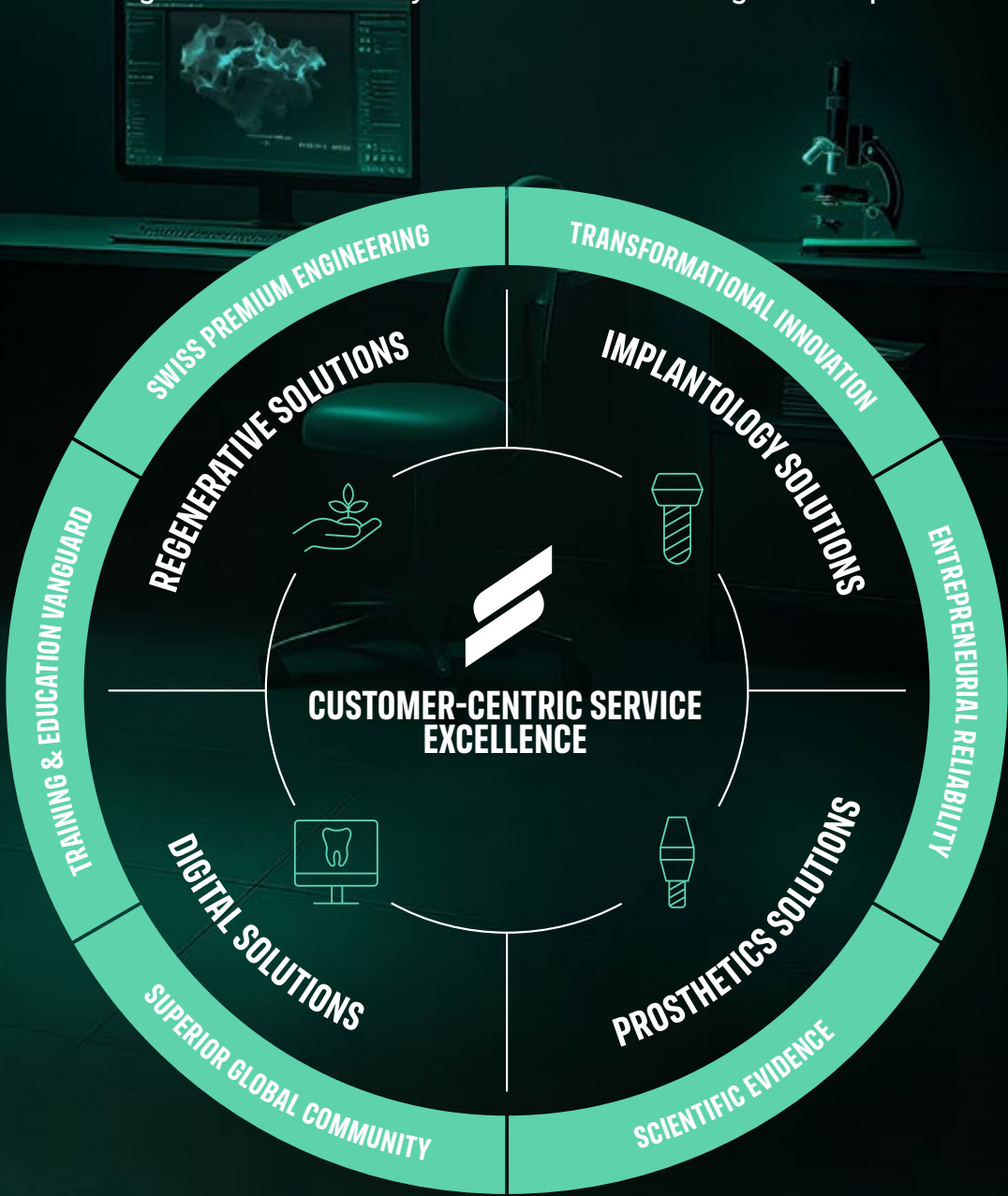
FOR YOU AND YOUR PATIENTS

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

Immediate molar replacement with the Straumann® Fast Molar Solution

Hopeless upper first molar: Treatment involved planning with the “Fast Molar Solution” solution using the coDiagnostiX® for digital workflow. Minimally invasive extraction was performed, followed by flapless guided surgery and immediate implant placement (Straumann BLX™ Ø5.0 × 10 mm). Straumann® Anatomic Healing Abutment XC (WB 1.5GH was immediately placed to optimize soft tissue conditioning during healing. Intraoral scanning was conducted after two months, and the final restoration utilized the Consistent Emergence Profile™, achieving excellent soft tissue response.



**Dr. Christian
R. Jarry**



**Dr. Dalton
Marques**



Occlusal view – hopeless upper first molar



Digital planning in coDiagnostiX®



Guided surgery and immediate implant placement BLX Ø5.0 × 10 mm SLActive®, Roxolid®



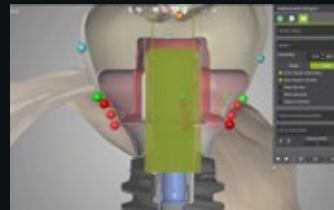
WB XL Anatomic Healing Abutment, Ø5.5 mm, GH 1.5 mm was placed immediately after implant placement



2 months post operatory – ready for scanning procedure



Scanning file of Anatomic Healing Abutment data in CARES® ready for crown designing



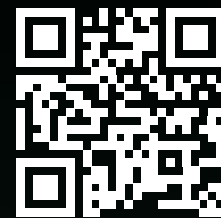
Anatomic Healing Abutment and Variobase® overlapped ensuring consistent emergence profile



Healthy undisturbed soft tissue emergence profile and final crown



STRAUMANN® FAST MOLAR SOLUTION – THE STRAUMANN® ANATOMIC HEALING ABUTMENT.



Discover
Straumann® Fast
Molar Solution

REFERENCES

1 Abrahamsson I, Berglund T, Lindhe J. The mucosal barrier following abutment dis/reconnection. An experimental study in dogs. *J Clin Periodontol*. 1997 Aug;24(8):568-72. 2 Koutouzis T, Gholami F, Reynolds J, Lundgren T, Kotsakis GA Abutment Disconnection/Reconnection Affects Peri-implant Marginal Bone Levels: A Meta-Analysis. *Int J Oral Maxillofac Implants*. 2017 May/June;32(3):575–581. 3 Lilet R, Desiron M, Finelle G, Lecloux G, Seidel L, Lambert F. Immediate implant placement combining socket seal abutment and peri-implant socket filling: A prospective case series. *Clin Oral Implants Res*. 2022 Jan;33(1):33-44 4 Alexopoulou M, Lambert F, Knafo B, Popelut A, Vandenberghe B, Finelle G. Immediate implant in the posterior region combined with alveolar ridge preservation and sealing socket abutment: A retrospective 3D radiographic analysis. *Clin Implant Dent Relat Res*. 2021;23(1):61-72. 5 Conejo J, Atria PJ, Hirata R, et al. Copy milling to duplicate the emergence profile for implant-supported restorations. *J Prosthet Dent*. 2020;123(5):671-674. 6 Ruales-Carrera E, Pauletto P, Apaza-Bedoya K, Volpato CAM, Özcan M, Benfatti CAM. Peri-implant tissue management after immediate implant placement using a customized healing abutment. *J Esthet Restor Dent*. 2019;31(6):533-541. 7 Finelle G, Lee SJ. Guided Immediate Implant Placement with Wound Closure by Computer-Aided Design/Computer-Assisted Manufacture Sealing Socket Abutment: Case Report. *Int J Oral Maxillofac Implants*. 2017;32(2):e63-e67. 8 Akin R. A new concept in maintaining the emergence profile in immediate posterior implant placement: The anatomic harmony abutment. *J Oral Maxillofac Surg*. 2016;74(12):2385-2392. 9 Perez A, Caiazzo A, Valente NA, Toti P, Alfonsi F, Barone A. Standard vs customized healing abutments with simultaneous bone grafting for tissue changes around immediate implants. 1-year outcomes from a randomized clinical trial. *Clin Implant Dent Relat Res*. 2019. 22(1): pp. 42–53. 10 Elgendi MM, Eldin Hamdy IS, Sallam HI. Peri-implant soft tissue conditioning of immediate posterior implants by CAD-CAM socket sealing abutments: a randomized clinical trial. *BMC Oral Health*. 2025 Jan 17;25(1):83. 11 Alsahhaf A et al. Survival of Titanium-Zirconium and Titanium Dental Implants in Cigarette-smokers and Never-smokers: A 5-Year Follow-up. *Chin J Dent Res*. 2019;22(4):265-272 12 Cabrera-Domínguez JJ, Castellanos-Cosano L, Torres-Lagares D, Pérez-Fierro M, Machuca-Portillo G. Clinical performance of titanium-zirconium implants with a hydrophilic surface in patients with controlled type 2 diabetes mellitus: 2-year results from a prospective case-control clinical study. *Clin Oral Investig*. 2020 Jul;24(7):2477-2486 13 Nack C, Raguse JD, Stricker A. Rehabilitation of irradiated patients with chemically modified and conventional SLA implants: five-year follow-up. *J Oral Rehabil*. 2015 Jan;42(1):57-64. 14 Nelson K, Stricker A, Raguse, JD and Nahles S. Rehabilitation of irradiated patients with chemically modified and conventional SLA implants: a clinical clarification. *J Oral Rehabil*. 2016 Nov;43(11):871-872 15 Bernhard N, Berner S, de Wild M, Marco Wieland M. The Binary TiZr Alloy – A Newly Developed Ti Alloy for Use in Dental Implants. *Forum Implantologicum* 2009; 5(1): 30-39. 16 Hotchkiss KM, Ayad NB, Hyzy SL, Boyan BD, Olivares-Navarrete R. Dental implant surface chemistry and energy alter macrophage activation in vitro. *Clin Oral Implants Res*. 2017 Apr;28(4):414-423. 17 Hotchkiss KM, Kegan T Sowers KT, Olivares-Navarrete R. Novel in vitro comparative model of osteogenic and inflammatory cell response to dental implants. *Dent Mater*. 2019 Jan;35(1):176-184. 18 Gottlow J, Dard M, Kjellson F, Obrecht M, Sennerby L. Evaluation of a new titanium-zirconium dental implant: a biomechanical and histological comparative study in the mini pig. *Clin Implant Dent Relat Res*. 2012 Aug;14(4):538-45. 19 Wen B, Zhu F, Li Z, Zhang P, Lin X, Dard M. The osseointegration behavior of titanium-zirconium implants in ovariectomized rabbits. *Clin Oral Implants Res*. 2014 Jul;25(7):819-25. 20 Müller F, Al-Nawas B, Storelli S, et al. Small-diameter titanium grade IV and titanium-zirconium implants in edentulous mandibles: Ten-year results from a double-blind, randomised controlled split-mouth core-trial. *Clin Oral Implants Res*. 2024 Jan;35(1):77-88. 21 Al-Nawas B, Domagala P, Fragola G, et al. A Prospective Noninterventional Study to Evaluate Survival and Success of Reduced Diameter Titanium Implants Made From Titanium-Zirconium Alloy. *J Oral Implantol*. 2015 Aug;41(4):e118-25. 22 Chiapasco M, Casentini P, Zaniboni M, Corsi E, Anello T. Titanium-zirconium alloy narrow-diameter implants (Straumann Roxolid®) for the rehabilitation of horizontally deficient edentulous ridges: prospective study on 18 consecutive patients. *Clin Oral Implants Res*. 2012 Oct;23(10):1136-41.

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iEXCEL 
STRAUMANN® PERFORMANCE SYSTEM

 **straumann**