

STRAUMANN PRO ARCH™
STRAUMANN®
STARCONCEPT™

The art of full-arch esthetics.

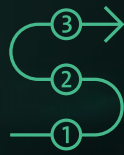




EMPOWERING YOU TO EXCEL IN FULL-ARCH TREATMENT

The Straumann® STARconcept™ is Straumann's fully integrated, end-to-end digital solution for FP1 full-arch restorations. It connects Smilecloud, Smile in a Box®, Straumann iGuide™, and Straumann UN!Q™ into one seamless workflow to streamline treatment planning and execution.

Through prosthetically-driven planning and digitally guided surgery, Straumann® STARConcept™ enhances clinical precision, reduces chair time, and simplifies complex procedures. Make patients smile again faster with minimally invasive protocols, immediate temporization and esthetic FP1 outcomes.



END-TO-END DIGITAL WORKFLOW

From smile design to final restoration, the STARconcept™ is designed to deliver a reproducible, and integrated digital workflow. The result: reduced chair time and a streamlined full-arch treatment.^{5, 11, 12}



CLINICAL PRECISION

Prosthetically-driven planning with fully guided surgery supports accurate implant placement, even in complex cases, compared to freehand surgery.^{1, 2, 3, 4, 6, 7, 8}



PATIENT-CENTRIC SOLUTIONS

Flapless, bone-preserving workflows with immediate provisionals are designed to shorten treatment and recovery time. Smilecloud visualizations help patients understand their journey and increase treatment acceptance.^{1, 2, 8, 9, 10, 13}

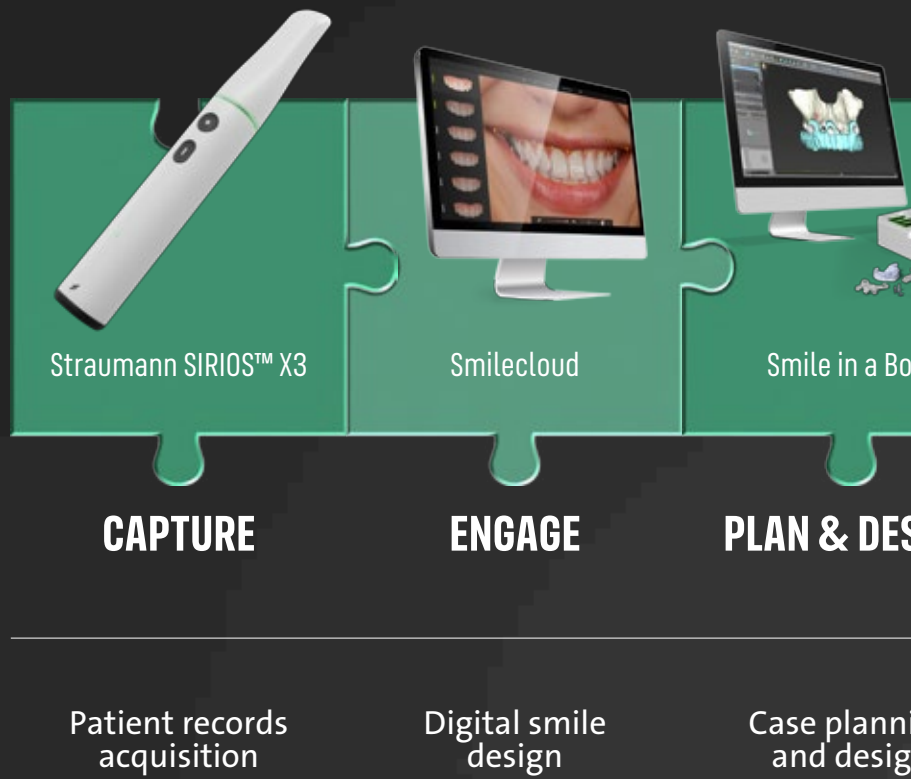
CONNECTED FULL-ARCH TREATMENT

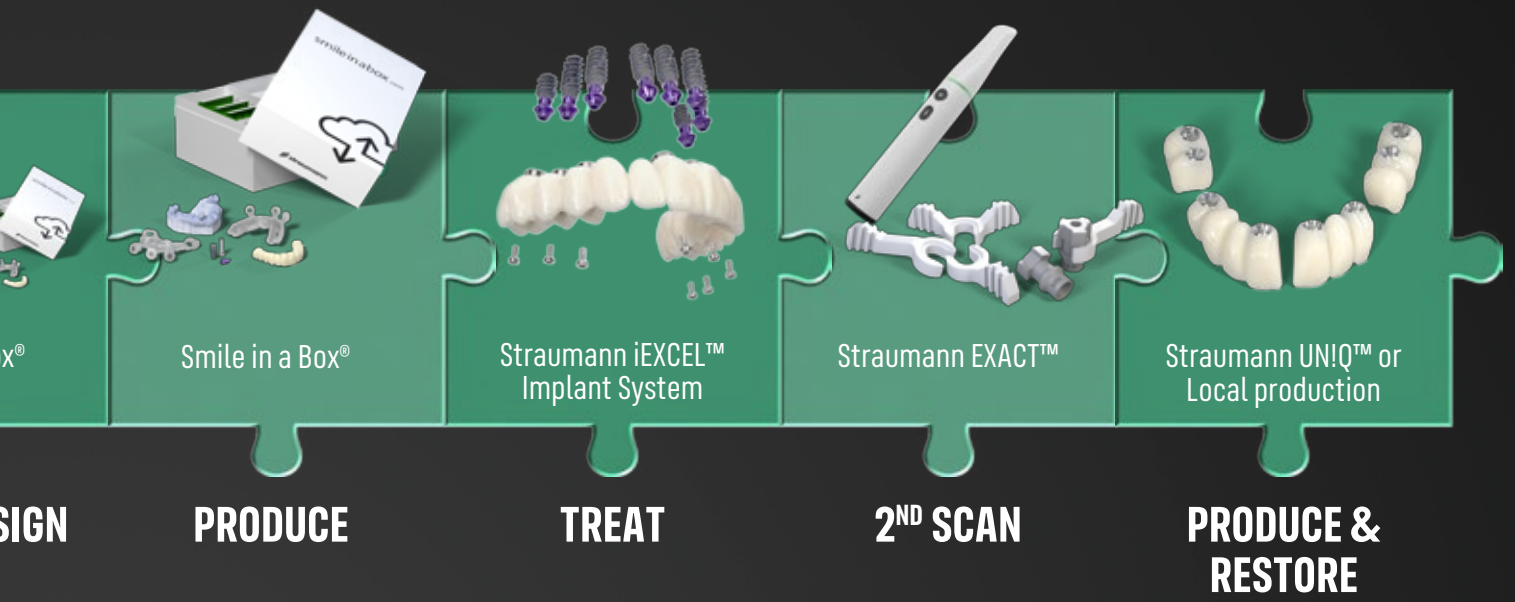
FROM SCAN TO SMILE

From smile visualization to prosthetic delivery, Straumann® STARconcept™ guides every step of the journey. Facial analysis informs esthetic planning, guided protocols enable accurate implant placement, and chairside temporaries simplify immediate restoration.

Final prosthetics can be produced via Straumann's centralized service*, Straumann UNIQ™, or in-house with open CAD/CAM workflows, giving you flexibility without compromising precision. The result: a connected, digitally enabled process that supports confidence, reproducibility, and patient satisfaction.

* Currently available in cobalt-chrome. Additional materials coming soon.





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Manufacture of guides and a provisional restoration

Implant placement and immediate temporization

Intraoral scan for final restorations

Manufacture and placement of final restorations





SURGICALLY GUIDED PRECISION

With Straumann® STARconcept™, every step of the surgical workflow is digitally guided and prosthetically driven. From initial planning to implant placement, each component is optimized to preserve anatomy and enable predictable outcomes, even in challenging cases.

SURGICAL WORKFLOW STEPS

- 1 INITIAL PREPARATION**
A flapless, prosthetically planned start. Surgical guide define precise entry points and help preserve soft-tissue contours.
- 2 IMPLANT SITE PREPARATION**
Straumann iGuide™ sleeves and drills enable sequential, depth-controlled osteotomies, supporting accuracy and efficiency.
- 3 IMPLANT PLACEMENT**
Fully guided, keyless delivery with a vertical stop places implants as planned, supporting immediate temporization and soft-tissue stability.
- 4 PICKUP & TEMPORIZATION**
Pre-designed provisionals are picked up chairside on the prosthetic guide, delivering immediate esthetics and functional validation on day one.
- 5 TEMPORARY RESTORATION FINALIZATION**
After pickup, provisionals are reinforced extraorally with resin and polished, then screw-retained with occlusion and fit adjustments for day-one comfort.

*compared to bone-reduction protocols

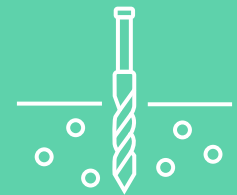
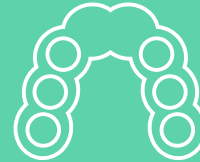
**TEMPORARY
RESTORATION
FINALIZATION**

5



**INITIAL
PREPARATION**

1



2

**IMPLANT
SITE
PREPARATION**



4

**PICKUP &
TEMPORIZATION**

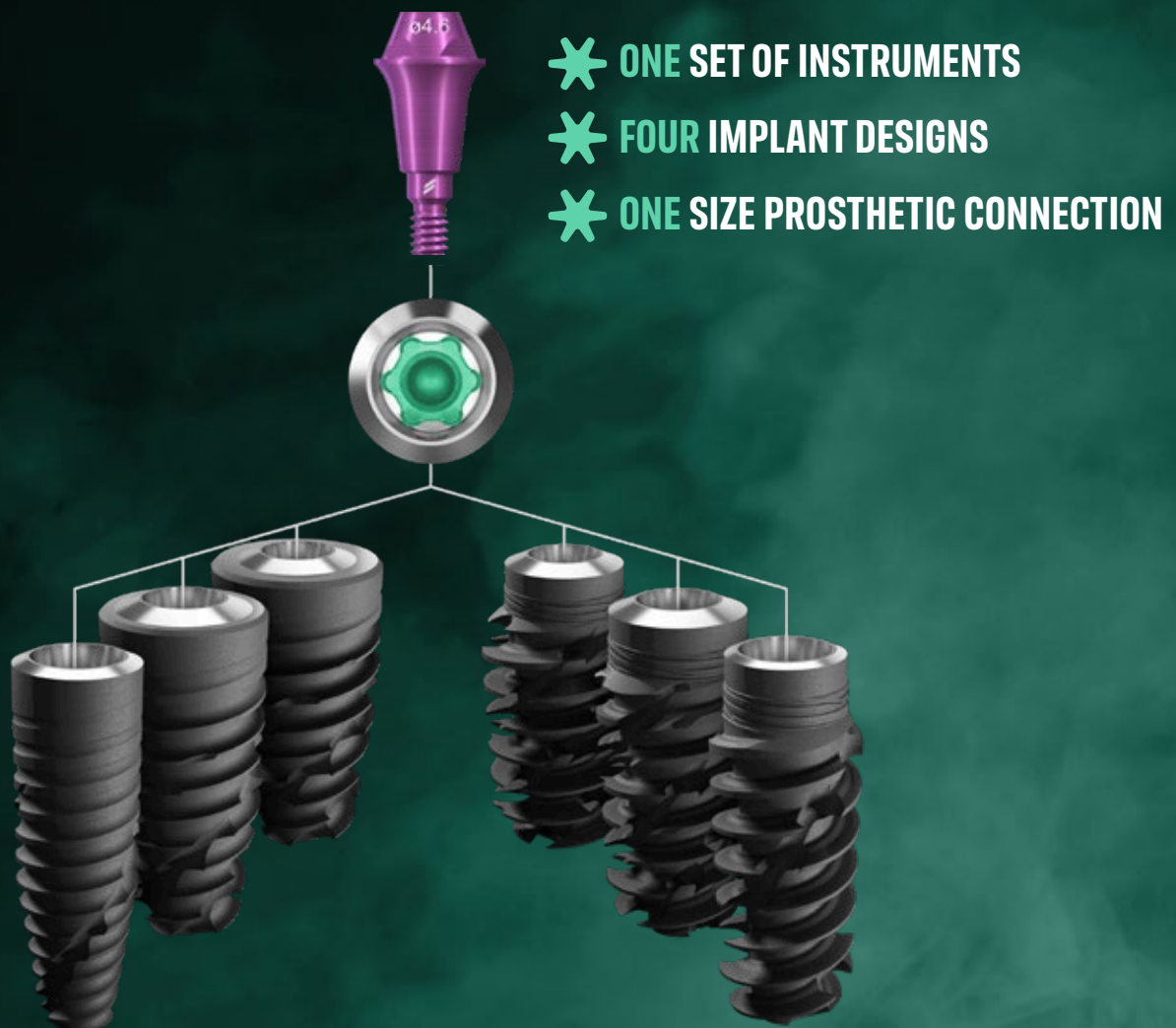


3

**IMPLANT
PLACEMENT**

SIMPLICITY FOR CHALLENGING CASES

Full-arch treatments are complex, but you can streamline the workflow with one connection, one instrument set, and short surgical protocols, complemented by a simplified abutment portfolio. Experience simplicity you'll love.





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 PROCLEAN™ CASSETTE, STRAUMANN iGUIDE™

The Straumann ProClean™ Cassette virtually eliminates labor-intensive manual cleaning – simply put the used instruments back into the cassette during operation and let machines² do the rest.

- **Uncompromised hygiene:** Increased staff safety³, validated, user friendly design that ensures clean and dry instruments every time.
- **Simple workflow:** Validated, automated reprocessing makes instrument mix-ups a thing of the past.
- **Increased productivity:** Virtually eliminates labor-intensive manual cleaning. Free up more time for value-added clinical activities.



CLINICAL CASE

Guided FP1 maxillary rehabilitation with Straumann® STARconcept™ and Straumann iGuide™. A clinical case report by Dr. David Norré, Belgium.

Facially driven Smilecloud design with a focus on preserving tissue and bone. Planned in Smile in a Box and executed with the iGuide protocol; shared pin positions align the drill and prosthetic guides for chairside pickup of the pre-designed provisional. Day-5 follow-up shows the screw-retained provisional in place.



Pre-operative smile



Initial clinical situation (retracted view)



Pre-operative panoramic X-ray



Strategic extractions for guide seating on anchor teeth



Passive-fit check of the surgical guide before drilling



Guided osteotomy per iGuide® protocol (sequential, depth-controlled)



Fully guided implant insertion using the iGuide® implant driver with vertical stop



Implant drivers left engaged to stabilize the guide; fixation pins drilled precisely



Extraction of remaining teeth and placement of straight SRAs



Temporary Copings for SRAs placed—ready for bridge pick-up.



Temporary bridge pre-fit check using the prosthetic guide and fixation pins



Day 5 post-op: screw-retained provisional in place

STARconcept™ turned my full-arch workflow into a protocol I can trust. We plan prosthetically, place fully guided, and transition to immediates smoothly—but the real value is predictability. I deliver the result I promised, consistently, case after case.



**Dr. David Norré,
Overijse, Belgium**

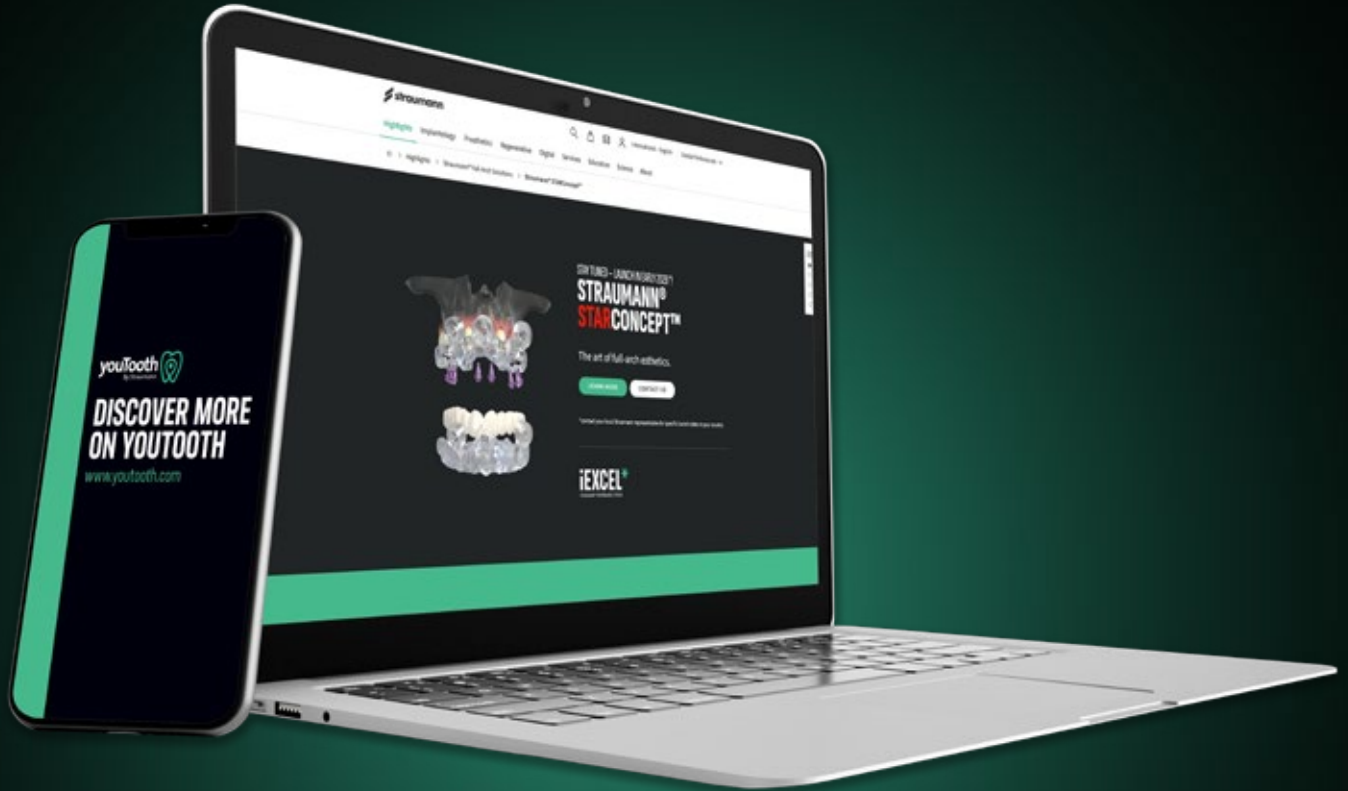
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iEXCEL*
STRAUMANN® PERFORMANCE SYSTEM

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