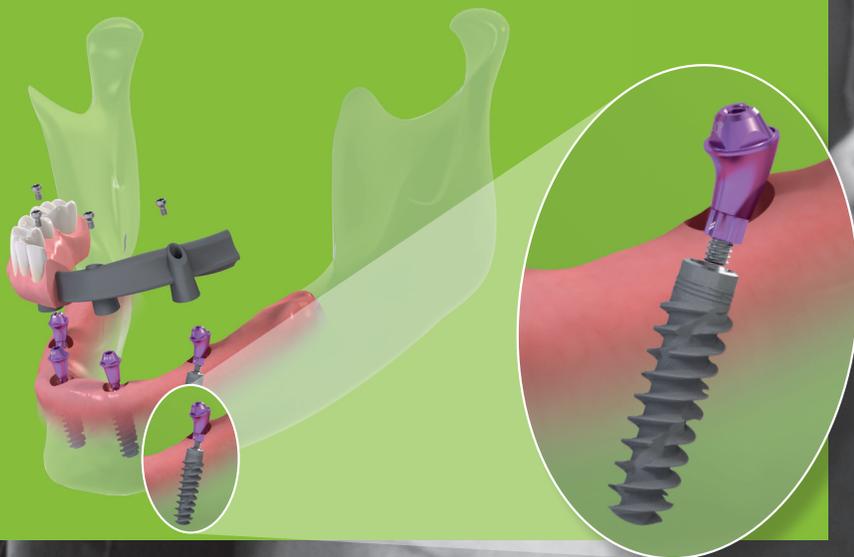


Straumann® ImmediaXy

Straumann® Pro Arch

Transforming Immediate  
Fixed Full Arch Solutions

Powered by Straumann® BLX



# Transforming More Patients' Lives

Now more than ever, your patients are looking to increase their quality of life. They want immediate results and are aware of their treatment options.

What does this mean for you? There are **Over 35 million<sup>1</sup>** partial and fully edentulous patients in North America alone and less than 1% of those patients are being treated each year. That means you have an opportunity to grow your practice faster and more efficiently with Straumann® Pro Arch, powered by Straumann® BLX.

Let the transformation begin.

## Straumann® Pro Arch four stage approach for immediate fixed full arch solutions:



**Get Started:**  
Treating more patients with full arch



**Plan and Produce Your Case:**  
Creating efficiency through digital solutions



**The Power of BLX:**  
Leveraging a unique implant system



**Restore with Confidence:**  
Simplifying the connection

# Get Started:

Treating more patients with full arch

## Identify the Opportunity

Any patient with impaired dentition is an opportunity for a Pro Arch restoration and a chance for you to change that patient's quality of life. The process starts with your staff identifying that opportunity.



Before



After

## Building Confidence

Straumann's Mini Residency Programs can help train your staff on how to present this life changing treatment to your patients.



## Develop your Skills

From boot-camps to hands-on training, develop your technique through over 150 local and national full arch education programs featuring local experts.



Visit: [straumanneducation.com/courses](https://straumanneducation.com/courses)

## Patient Counsel

To help your patient commit to a Pro Arch restoration, choose from a robust amount of patient focused materials including video animations, models and handouts that will make them feel at ease.



# 2

## Plan and Produce Your Case: Creating efficiency through digital solutions

A simple, validated and integrated workflow that delivers.

By offering you a digitally integrated workflow, Straumann® digital solutions helps you increase your efficiency in the planning and placement of implants. This solution helps you grow your patient acceptance, simplifies ordering and inventory and saves chair time.

In-House



### Treatment planning with coDiagnostiX®

coDiagnostiX®, a digital implant placement planning tool, enables you to plan full-arch cases precisely and easily. The tool offers numerous measurement and planning functions, including automatic nerve canal detection, various distance monitoring functions as well as designing surgical guides.

Outsourced

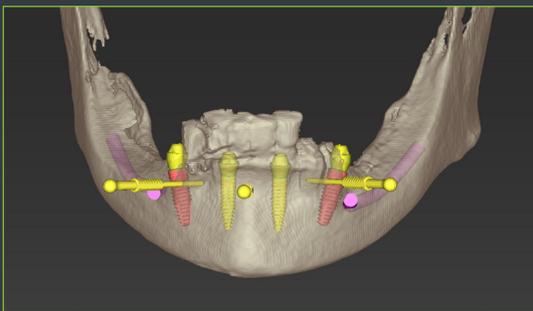


### Straumann® Smile in a Box service

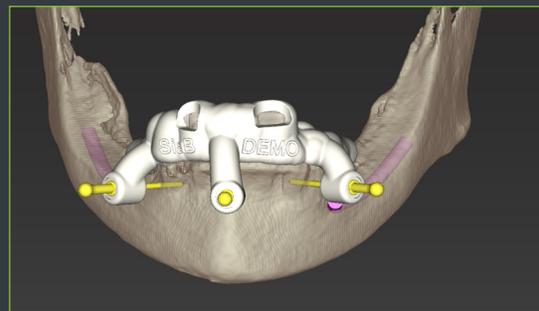
Straumann Smile in a box – a digital, modular, integrated treatment planning and manufacturing service. The clinician can select the services he or she wants, and Straumann delivers everything needed for the treatment in one box. Straumann® Smile in a Box makes the treatment planning simple and predictable with regard to time, costs and outcome.

“ I choose Smile in a Box for my guided surgery cases because of the accuracy, clinical efficiency and cost. Clinically, Smile in a Box decreases chair time for the surgeon and the restorative dentist. Smile in a box is more cost effective than other systems in the market, and I only need to purchase the components that I need for that particular patient and not forced into buying other parts that I don't need.”

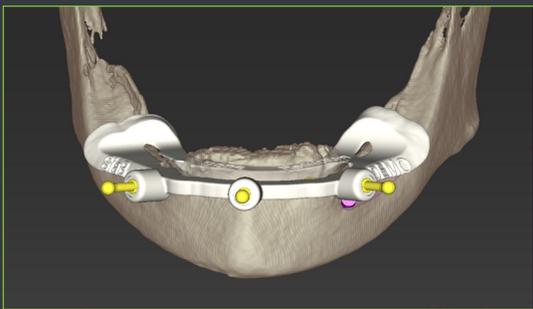
- Ryan Lewis, DDS



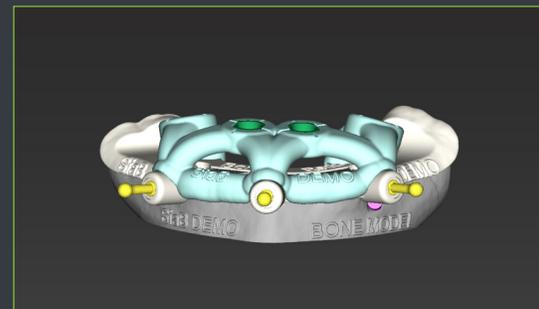
Edentulous treatment planning



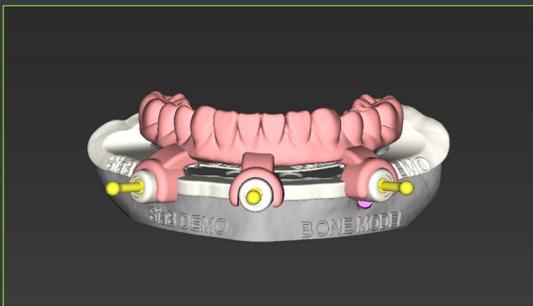
Reference guide design



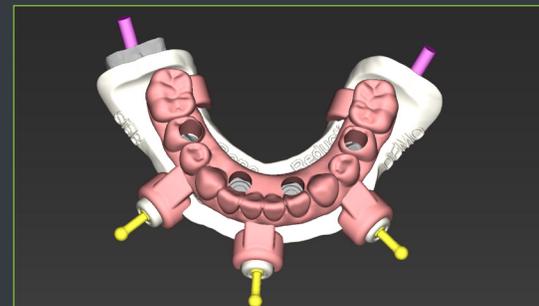
Bone reduction guide design



Osteotomy guide for drilling and guided implant placement



Fully-guided provisional denture



Fully-guided provisional denture

# 3

## The Power of BLX: Leveraging an unique implant system

### Unique Implant Design<sup>2</sup> featuring Dynamic Bone Management

The Straumann® BLX implant is unique in design due to specific combination of the dual threads, bi-directional cutting, Roxolid®, Straumann® SLActive® surface technology, and one connection platform for all restorative components.

“ The BLX implant system provides a single implant platform for the various implant diameters. This gives me the confidence for intra-operative selection of the appropriate implant diameter to achieve initial stability; this is an unprecedented feature when using angulated SRA abutments. ”

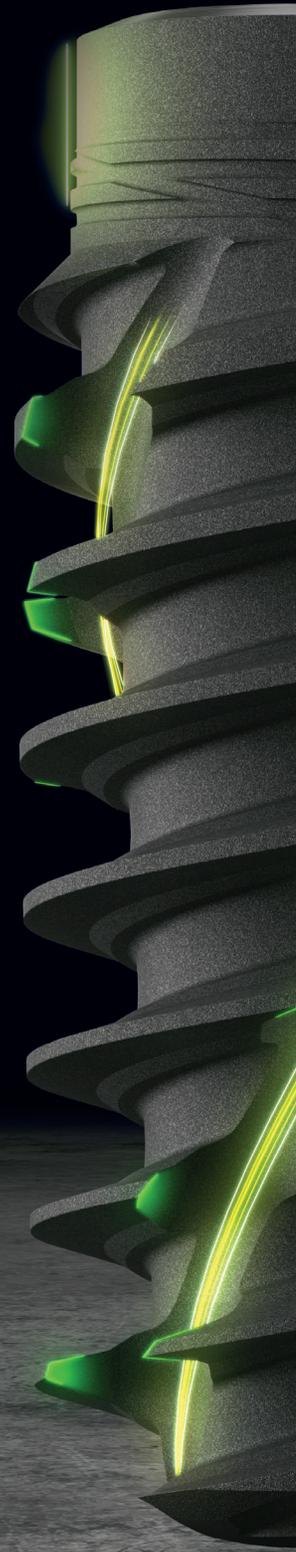
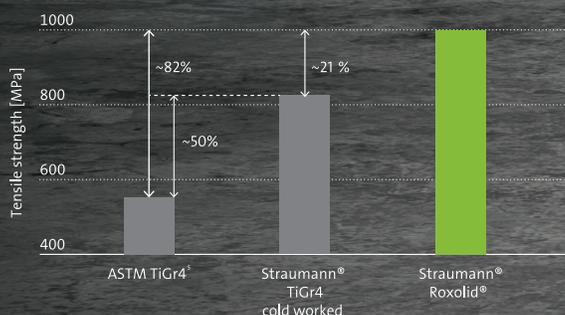
- Edmond Bedrossian, DDS, FACD, FACOMS

### Roxolid® Performance

#### Setting New Standards. Reducing Invasiveness.<sup>3</sup>

Roxolid® material allows you to use the 3.75 implant for narrow ridges for full arch cases.

- High-performance alloy composed of approximately 15% zirconium and 85% titanium
- Higher tensile\* and fatigue strength<sup>4</sup> than comparable titanium implants
- Designed to treat challenging anatomical situations and narrow interdental spaces

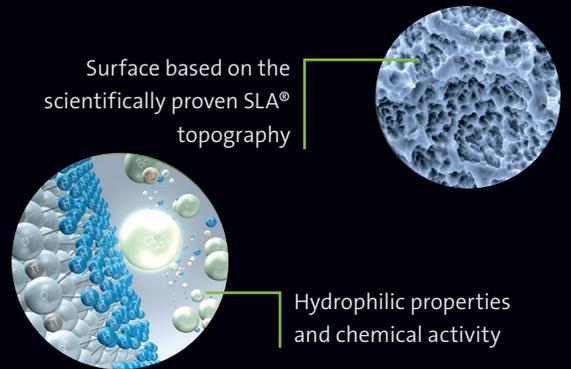


# SLActive® Surface Technology

Accelerated Osseointegration. Reduced Healing Time.

You can reduce your patients' healing time by 50%\*\* with Straumann® SLActive®, a hydrophilic surface treatment for high predictability and accelerated osseointegration.

- Reduce healing time from 6-8 weeks to 3-4 weeks\*\*
- Increased surface area
- Ultra-fine topography
- Implant survival rate in immediate loading after 10 years: 98.2%<sup>6</sup>



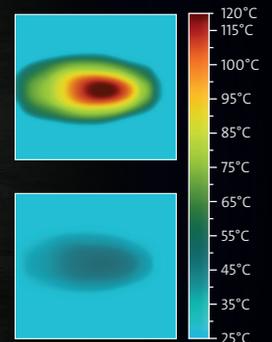
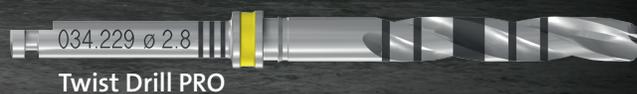
# The VeloDrill™ System

High Performance. Low Temperature.

The Straumann® VeloDrill™ System minimizes heat generation and delivers high drilling stability. Suitable for all surgical protocols, the system lowers set-up cost by maximizing the synergy between instrumentation for freehand and guided surgery, which can achieve shorter chair time with the pilot-to-final guided surgery protocol.

**AVOID OVERHEATING SURROUNDING STRUCTURES.\***

Ø2.8 mm drill,  
direct drilling  
in PUR (pcf 50)  
plate simulating  
hard bone  
measured with  
infrared camera.<sup>7</sup>



# 4

## Restore with Confidence: Simplifying the connection

No matter what implant is required for the surgery, you have the right abutment on hand.

“The TorcFit connection gives you the confidence that your abutment is always properly seated, the screw will not engage unless the abutment is fully seated. The smooth physiologic contours allow for easier cleansability.”

- Lawrence Brecht, DDS

Straumann's **one connection** simplifies inventory management for the restorative clinician and team.

The smooth, cleansable and under contoured design reduces the need for bone profiling in surgery and promotes soft tissue health for long-term maintenance.



### ONE CONNECTION FOR ALL IMPLANT SIZES



# Straumann® Pro Arch

## Immediate Fixed Full-Arch Treatment

### Advanced Bar Designs

*Customized quality bar designs offering flexibility for every patient*

### CADCAM Software

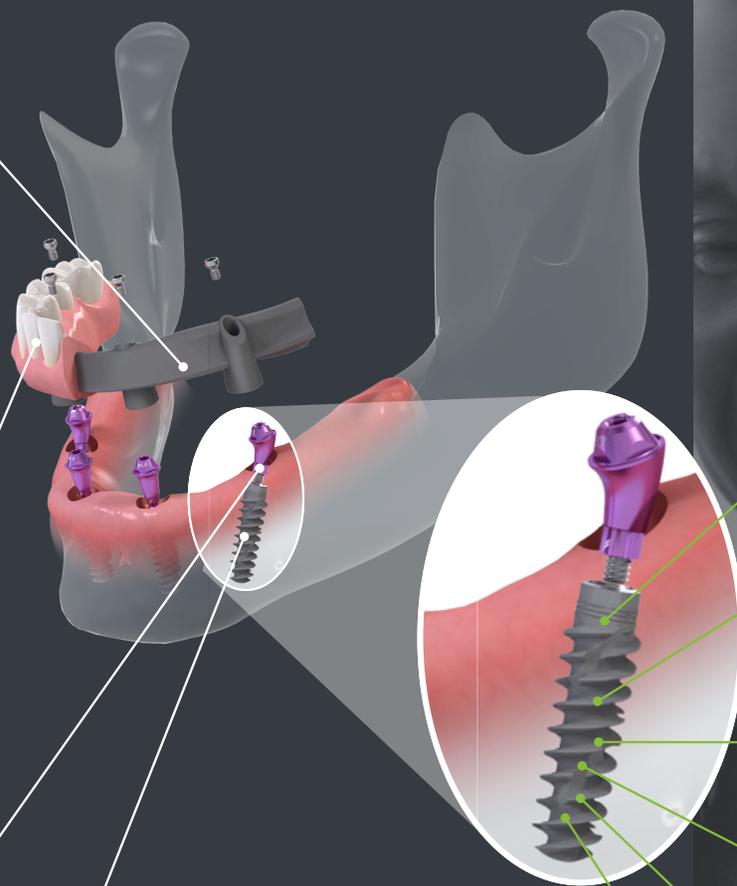
*Comprehensive level of on-demand design service for your restorative CADCAM needs*

### Screw-Retained Abutments

*Under-countoured design to support tissue and reduce bone profiling. One connection for a simplified workflow*

### Straumann® BLX

*Unique implant design<sup>2</sup> featuring dynamic bone management. Designed for high-stability*



Reduced Neck

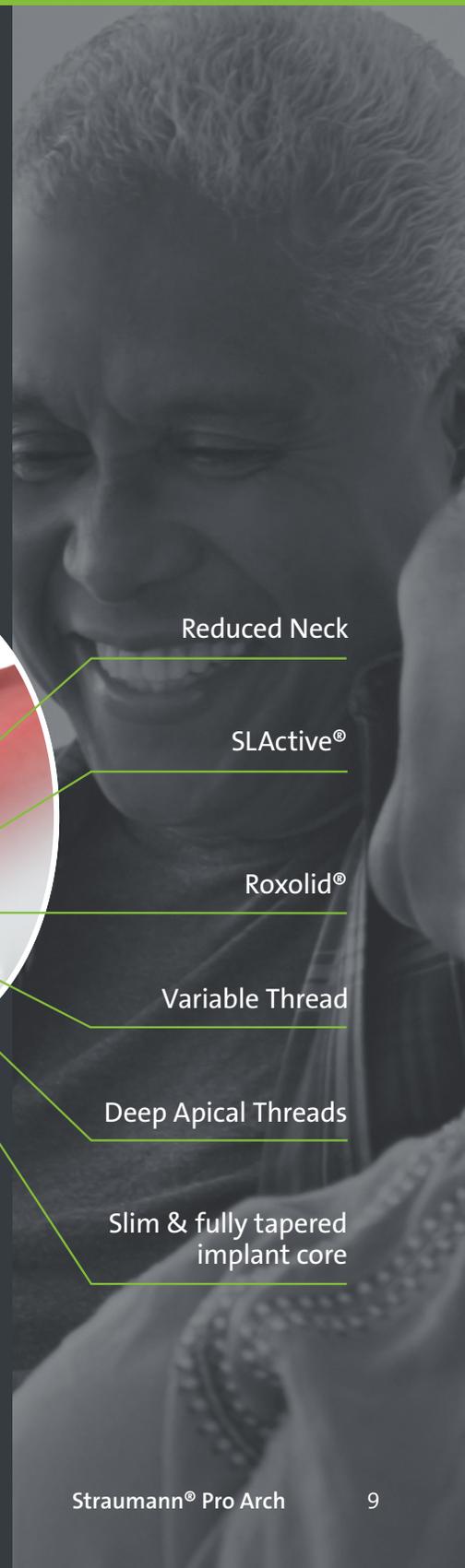
SLActive®

Roxolid®

Variable Thread

Deep Apical Threads

Slim & fully tapered implant core

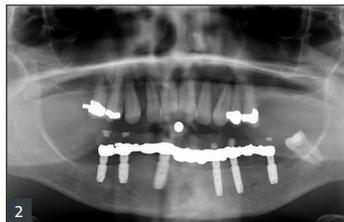


# Case Study

Edmond Bedrossian, DDS, FACD, FACOMS



1  
Pre operative clinical presentation – Intraoral.



2  
Pre operative clinical presentation – CT scan.



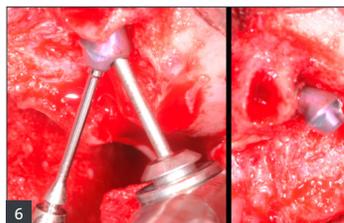
3  
Muco periosteal flap reflected.



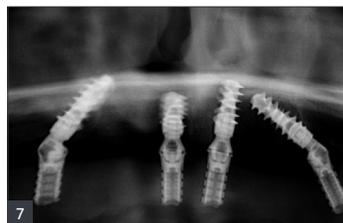
4  
All maxillary teeth were extracted.



5  
After osteotomy site was prepared 4 implants – 2 straight and 2 tilted were placed in the extracted sites.



6  
30 degree SRA abutments were placed for the tilted posterior implants and 17 degree SRAs were placed for the anterior implants.



7  
Post placement CT scans were taken to confirm position of implants and titanium copings were placed to prepare for a provisional hybrid.



8  
Post operative clinical presentation with the provisional hybrid delivered.

*Images courtesy of Edmond Bedrossian, DDS, FACD, FACOMS*



# Case Study

Emilio Arguello, DDS and Ryan Lewis, DDS



1 Initial situation



2 Periodontal disease



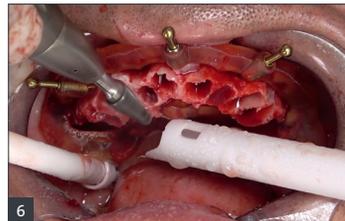
3 Pin guide drilling pin holes with 13 mm drill



4 Bone reduction guide pinned in place



5 Pin guide removed, bone reduction guide remains in place



6 Bone reduction using guide



7 Osteotomy guide stacked on guided drilling



8 Placing SRA abutments



9 Temp cylinders on SRAs



10 Guided temporary pickup



11 Straumann Allograft



12 Jason Membrane



13 Guided temporary in place



14 Guided temporary in place

Images courtesy of Emilio Arguello, DDS and Ryan Lewis, DDS

# Pioneering innovation backed by long-term scientific evidence

- 1 American College of Prosthodontists. Facts & Figures. 2016. <http://www.gotoapro.org/news/facts--figures/>. Accessed September 9, 2016.
- 2 The Straumann® BLX implant is unique in design due to specific combination of the dual threads, bi-directional cutting, Roxolid®, Straumann® SLActive® surface technology, and one connection platform for all restorative components.
- 3 When GBR can be avoided
- 4 Medvedev A, Molotnikov A, Lapovok R, Zeller R, Berner S., Habersetzer P, Dalla Torre S. (2016). Microstructure and mechanical properties of Ti-15Zr alloy used as dental implant material. Journal of the Mechanical Behavior of Biomedical Materials, In Press, Accepted Manuscript, Available online 11 May 2016.
- 5 Norm ASTM F67 (states min. tensile strength of annealed titanium); data on file for Straumann cold-worked titanium and Roxolid® implants.
- 6 Nicolau P, Guerra F, Reis R, Krafft T, Benz K, Jackowski J 10-year results from a randomized controlled multicenter study with immediately and early loaded SLActive implants in posterior jaws. Presented at 25th Annual Scientific Meeting of the European Association of Osseointegration – 29 Sep – 1 Oct 2016, Paris.
- 7 Data on file for Straumann® VeloDrill™ and Twist Drill PRO

\* Data on file

\*\* Compared to SLA®. Indications: from single tooth to edentulous.

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