

# INTRODUCTION TO LEADING MATERIAL OFFERING AND APPLICATION RANGE



Straumann® CARES® CAD/CAM

# LEADING MATERIAL OFFERING

## **INTRODUCTION**

Straumann® CARES® CAD/CAM offers a leading portfolio of materials and applications designed to provide patients and the restorative team with a broad range of treatment options.

Straumann® CARES® CAD/CAM continuously invests in state-of-the-art production centers and in the development of innovative new technologies. Our CAD/CAM solution maintains high-quality standards due to its rigorous and certified quality management system. The excellent properties of all our CAD/CAM element offerings are designed for high reliability and predictability.

With our innovative and constantly evolving solution, combined with our extensive service and support program, you have an excellent foundation for successful prosthetic restorations.

# FEATURES & BENEFITS – CERAMICS

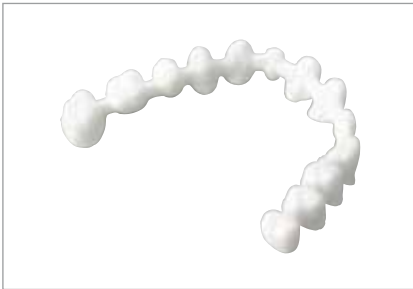
## CERAMICS

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### **Straumann® CARES® Abutment, ceramic (zirconium dioxide ceramic)**

- Full ceramic abutment designed for perfect esthetics
- Excellent material properties designed for high precision and reliability
- Maximum flexibility<sup>1</sup> in abutment design for high efficiency



### **zerion™ (zirconium dioxide ceramic)**

- Broad range of applications for high flexibility
- High-stability frameworks designed for reliability<sup>2</sup>



### **IPS e.max® CAD restorations (MO/LT/HT) by Straumann® CAD/CAM (IPS e.max® CAD lithium-disilicate glass-ceramic manufactured by Ivoclar Vivadent AG)**

- All-ceramic restorations for efficient esthetics
- Versatility for easy handling
- High-strength product designed for reliable restorations



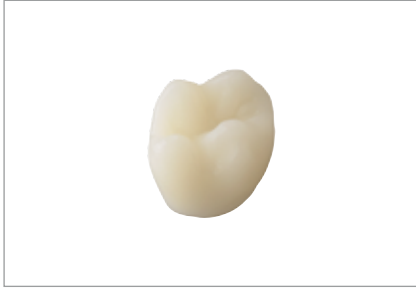
### **IPS Empress® CAD restorations (LT/HT) by Straumann® CAD/CAM<sup>3</sup> (IPS Empress® CAD leucite glass-ceramic manufactured by Ivoclar Vivadent AG)**

- All-ceramic restorations for natural looking esthetics
- Simplicity for easy handling
- Well-established product designed for predictable restorations

<sup>1</sup> Within design specifications    <sup>2</sup> Up to 4 pontics in the anterior region & up to 3 pontics in the posterior region    <sup>3</sup> Some products may require regulatory approvals and may not be available in all markets

## CERAMICS

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**IPS Empress® CAD restorations (Multi) by Straumann® CAD/CAM<sup>1</sup>**  
(IPS Empress® CAD leucite glass-ceramic manufactured by Ivoclar Vivadent AG)

- All-ceramic restorations for outstanding esthetics
- Simplicity for easy handling
- Well-established product designed for predictable restorations



**VITA Mark II restorations by Straumann<sup>1</sup>**

(VITABLOCS® Mark II feldspar ceramic manufactured by VITA Zahnfabrik H. Rauter GmbH & Co. KG)

- Wide range of shades for natural looking esthetics
- Versatility for easy handling
- Well-established material designed for predictable results



**VITA TriLuxe restorations by Straumann<sup>1</sup>**

(VITABLOCS® TriLuxe feldspar ceramic manufactured by VITA Zahnfabrik H. Rauter GmbH & Co. KG)

- Reproduction of the tooth structure characteristic for outstanding esthetics
- Easy handling for high efficiency
- High-quality material designed for predictable results

\* VITA Zahnfabrik H. Rauter GmbH & Co. KG, 2011

<sup>1</sup> Some products may require regulatory approvals and may not be available in all markets

# FEATURES & BENEFITS – METALS

## METALS

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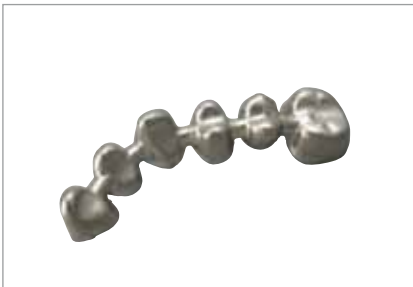
### **Straumann® CARES® Abutment, titanium**

- Excellent material properties designed for high precision and reliability
- Maximum flexibility<sup>1</sup> in abutment design for high efficiency



### **ticon® (titanium)**

- Veneering processing comparable to noble casting alloys for easy processing
- Material properties designed for high reliability and precision
- Ideal alternative to noble casting alloys



### **coron® (cobalt chromium alloy)**

- Broad range of applications for high flexibility
- Veneering processing comparable to noble casting alloys for easy processing

<sup>1</sup> Within design specifications

# FEATURES & BENEFITS – POLYMERS

## POLYMERS

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### Polyamide

- Strong crown and bridge frameworks for temporary restorations
- Stable compound designed for high reliability



### polycon® ae (PMMA-based acrylate resin)

- Specially suited for full-contoured temporary restorations for high efficiency
- Excellent compound stability for easy handling



### polycon® cast (filler-free acrylate burn-out resin)<sup>1</sup>

- Specifically for conventional crown and bridge wax-up (can be burned out without residue)

<sup>1</sup> polycon® cast is not to be inserted into the patient's mouth to check the fit.  
polycon® cast is not a medical device!

# APPLICATIONS AT A GLANCE

Straumann® CARES® CAD/CAM offers you a broad array of materials with an extensive range of applications.

		APPLICATIONS <sup>1</sup>														
		Tooth-borne									Implant-borne					
		Single-tooth restorations			Bridges			Specials			Implant-borne					
		Coping	Partial crown	Crown	Veneer	Inlay/Onlay <sup>3</sup>	Inlay/Maryland bridge	Bridge maximum unit <sup>2</sup>	Maximum pontics in the anterior/posterior region	Primary crown	Bar	Retaining attachment	CADCAM Abutment	Soft Tissue Level Bridge	Soft Tissue Level Bar	
MATERIALS <sup>1</sup>	<b>CERAMICS</b>															
		zerion™	●					●	14	4/3	●	●	●			
		Zirconium dioxide for Straumann® CARES® Abutments												●		
		IPS e.max® CAD restorations by Straumann® CAD/CAM	●	●	●	●	●									
		IPS Empress® CAD restorations by Straumann® CAD/CAM		●	●	●	●									
		VITA Mark II restorations by Straumann		●	●	●	●									
	VITA Triluxe restorations by Straumann		●	●	●	●										
	<b>METALS</b>															
	ticon®	●	●	●		●		●	14	4/3	●	●	●			
	Titanium for Straumann® CARES® Abutments												●			
	coron®	●	●	●		●		●	14	4/3	●	●	●		●	●
	<b>POLYMERS</b>															
	Polyamide	●							14	4/3						
	polycon® ae	●	●	●		●		●	3							
	polycon® cast	◆	◆	◆				◆	14	4/3	◆	◆	◆			

● Strongly recommended application   ● Possible application   ◆ Acrylic burn-out

<sup>1</sup> Application and material availability might differ from country to country   <sup>2</sup> Availability of maximum bridge unit might differ from country to country

<sup>3</sup> Veneerable inlay/onlay for zerion™, ticon®, coron® and polycon® ae materials

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