

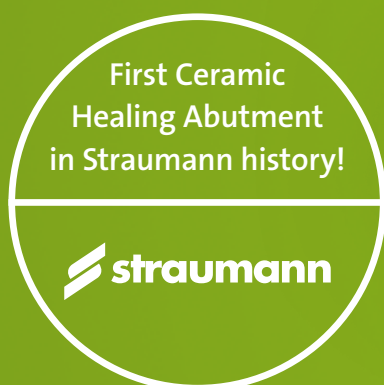
# PROSTHETIC EFFICIENCY

Straumann® Ceramic Healing Abutments  
The first step to harmonious  
soft-tissue healing



# Harmonious soft-tissue healing from the day of surgery

The Straumann® Ceramic Healing Abutments offer favorable conditions for soft-tissue attachment, thereby supporting a healthy peri-implant environment. Their well-proven zirconia material also helps surgeons and prosthodontists looking for less plaque attachment and supports soft-tissue healing from the day of surgery.



## Favorable soft-tissue attachment

- In general, more favorable soft-tissue attachment around zirconia than around titanium, with blood circulation similar to that around a natural tooth<sup>1,2</sup>
- More mature and pronounced soft-tissue integration on zirconia compared to titanium<sup>3,7</sup>



## Designed for healthy peri-implant environment

- Less plaque attachment on zirconia due to smoother surface compared to titanium<sup>2,3,8-9</sup>





## Esthetics from the day of surgery

- Ceramic abutments for the healing phase
- Final restoration using Straumann® Cares® ceramic options



For more information see the Straumann® CARES® portfolio



## Ease of use


- Aspiration security thanks to integrated screw
- Color coding for clear identification of the corresponding prosthetic platform

### REFERENCES


1 Kajiwara N, Masaki C, Mukaibo T, Kondo Y, Nakamoto T, Hosokawa R (2015). Soft tissue biological response to zirconia and metal implant abutments compared with natural tooth: microcirculation monitoring as a novel bioindicator. *Implant Dent* 24(1):37-41. 2 Degidi M, Artese L, Scarano A, Perrotti V, Gehrke P, Piattelli A. Inflammatory infiltrate, microvessel density, nitric oxide synthase expression, vascular endothelial growth factor expression, and proliferative activity in peri-implant soft tissues around titanium and zirconium oxide healing caps. *J Periodontol.* 2006 Jan;77(1):73-80. 3 Liñares A, Grize L, Muñoz F, Pippenger BE, Dard M, Domken O, Blanco-Carrión J. Histological assessment of hard and soft tissues surrounding a novel ceramic implant: a pilot study in the minipig. *J Clin Periodontol.* 2016 Jun;43(6):538-46. 4 Erbshäuser M., Zirconium dioxide dental implants in single-tooth gaps – An alternative to titanium? (Article in German). *Implantologie Journal* 11 | 2015, 32-36. 5 Welander M, Abrahamsson I, Berglundh T. The mucosal barrier at implant abutments of different materials. *Clin Oral Implants Res.* 2008 Jul;19(7):635-41. 6 Tetè S, Mastrangelo F, Bianchi A, Zizzari V, Scarano A. Collagen fiber orientation around machined titanium and zirconia dental implant necks: an animal study. *Int J Oral Maxillofac Implants.* 2009 Jan-Feb;24(1):52-8. 7 De Medeiros RA, Vechiato-Filho AJ, Pellizzer EP, Mazaro JV, dos Santos DM, Goiato MC (2013). Analysis of the peri-implant soft tissues in contact with zirconia abutments: an evidence-based literature review. *J Contemp Dent Pract* 14(3):567- 572. 8 S. Roehling, M. Astasov-Frauenhoffer, I. Hauser-Gerspach, O. Braissant, H. Engelhardt, T. Waltimo, M. Gahlert. In vitro biofilm formation on commercially available machined and micro-roughened titanium and zirconia implant surfaces. *Clin. Oral Impl. Res.* 26 (Suppl. 12), 2015. 9 Scarano A, Piattelli M, Caputi S, Favero GA, Piattelli A. Bacterial adhesion on commercially pure titanium and zirconium oxide disks: an in vivo human study. *J Periodontol.* 2004 Feb;75(2):292-6.

# Ceramic Healing Abutments

## NC Ceramic Healing Abutments

Product	Material	Description	Height	Art. No.	Image
Sterile NC Ceramic Healing Abutment	ZrO <sub>2</sub> /TAN	Ø 3.6 mm, conical	2 mm	024.2222Z	
			3.5 mm	024.2224Z	
			5 mm	024.2226Z	
		Ø 4.8 mm, conical	2 mm	024.2242Z	
			3.5 mm	024.2244Z	
			5 mm	024.2246Z	

## RC Ceramic Healing Abutments

Product	Material	Description	Height	Art. No.	Image
Sterile RC Ceramic Healing Abutment	ZrO <sub>2</sub> /TAN	Ø 4.5 mm, conical	2 mm	024.0000Z	
			4 mm	024.0001Z	
			6 mm	024.0002Z	
		Ø 5 mm, conical	2 mm	024.4222Z	
			4 mm	024.4224Z	
			6 mm	024.4226Z	
		Ø 6 mm, conical	2 mm	024.0003Z	
			4 mm	024.0004Z	
			6 mm	024.0005Z	
		Ø 6.5 mm, conical	2 mm	024.4242Z	
			4 mm	024.4244Z	
			6 mm	024.4246Z	

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