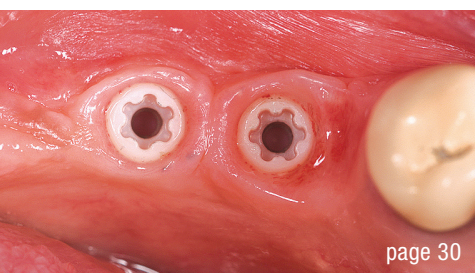


page 06



page 30



page 54

Cover image courtesy of  
CAMLOG Biotechnologies GmbH  
[www.camlog.com](http://www.camlog.com)



**editorial**

A beautiful smile—long-lasting and natural-looking 03  
Prof. Michael Gahlert

**research**

Clinical application of zirconia implants 06

Dr Elisabeth Jacobi-Gresser

Silent inflammation in the jaw and neurological dysregulation 14

Dr Johann Lechner

Biological guided bone regeneration and ceramic implants 16

Dr Karl Ulrich Volz, Dr Stephanie Vergote, Dr Rebekka Hueber,  
Dr Josephine Tietje, Dr Tobias Wilck & Prof. Shahram Ghanaati

**overview**

Zirconium-dioxide as preferred material for dental implants 20

Prof. Curd M. L. Bollen & Maher Al-Masri

**case report**

Single-tooth restoration using an all-ceramic implant solution 24

Dr Thomas Mehnert

Ceramic versus titanium implants 28

Drs Simion Bran, Manea Avram, Onisor Gligor Florin, Horia Opris,  
Gabriel Armencea & Mihael Baciut

Ceramic implants: an alternative or a primary choice? 30

Dr Riccardo Scaringi, Dario Viera & Dr Michele Nannelli

**industry**

Age-friendly implants 36

Dr Franco Giancola

Ceramic implants—where do we stand? 40

Dr Pooja Nair

New ZrO<sub>2</sub> touch by EACim bur kit 42

Dr Philippe Duchatelard

**interview**

Dental implants rethought 50

Laser-assisted prophylaxis around zirconia implants 52

**events**

Foundations for the future laid at members' meeting of ISMI 54

**news**

manufacturer news 44

news 56

**about the publisher**

imprint 58



# Tissue Level Implants with Zirconia Collar



Digital workflow at  
your fingertips

Zirconia crown made by Index  
One milling machine

Aesthetic gingival area

Zirconia collar

Gingival integration  
& Osseointegration

Bone area

Pure Titanium body



Unique, like your smile

The Z1® implants are medical devices intended for placement in the mouth, in case of partial or total tooth loss, by qualified healthcare professionals. These medical devices are regulated health products which, in accordance with this regulation, bear the CE marking. These dental implants are manufactured in France by Sudimplant SAS, owner of the Z1® trademark. For any information, please contact your dentist.



Find us online  
[www.tbr.dental](http://www.tbr.dental)