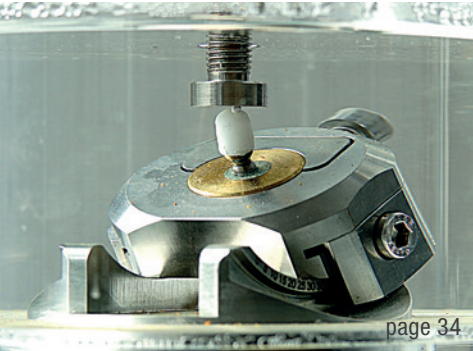


page 26

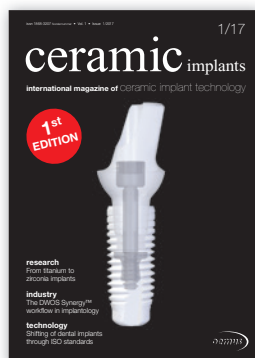


page 34



page 50

Cover image courtesy of Z-Systems AG  
www.zsystems.com



**editorial**

Ceramic implants—game changer in dental implantology 03  
Dr Michael Gahlert

**research**

From titanium to zirconia implants 06  
Dr Sofia Karapataki

**overview**

Ceramic implants: Yesterday a vision, today an everyday challenge? 14  
Dr Jochen Mellinghoff

How to successfully place ceramic implants 18  
Dr Dominik Nischwitz

**industry**

Implant insertion through the DWOS Synergy™ workflow 22  
Dr Richard Zimmermann & Dr Stefanie Seitz

Ceramic implants—naturally beautiful and clinically proven 26  
Dr Frederic Hermann, M.Sc.

Metal-free restauration from A to Z 32  
Dr Michael Leistner

**technology**

Shifting of dental implants through ISO standards 34  
Dr Aous Dannan, Richard Donaca & Philipp Rausch

**interview**

High-quality alternative to metal-based implants 43  
“Ceramic will replace titanium in the long run” 44  
Zirconium dioxide implants—a holistic approach 46  
Long-term experiences in the production of zirconia 49

**events**

ISMI congress 2018 will take place in Hamburg 50  
Jürgen Isbaner

Clear mission for ceramic implants 52  
Georg Isbaner

Fifth International Z-Systems Congress 54

**news**

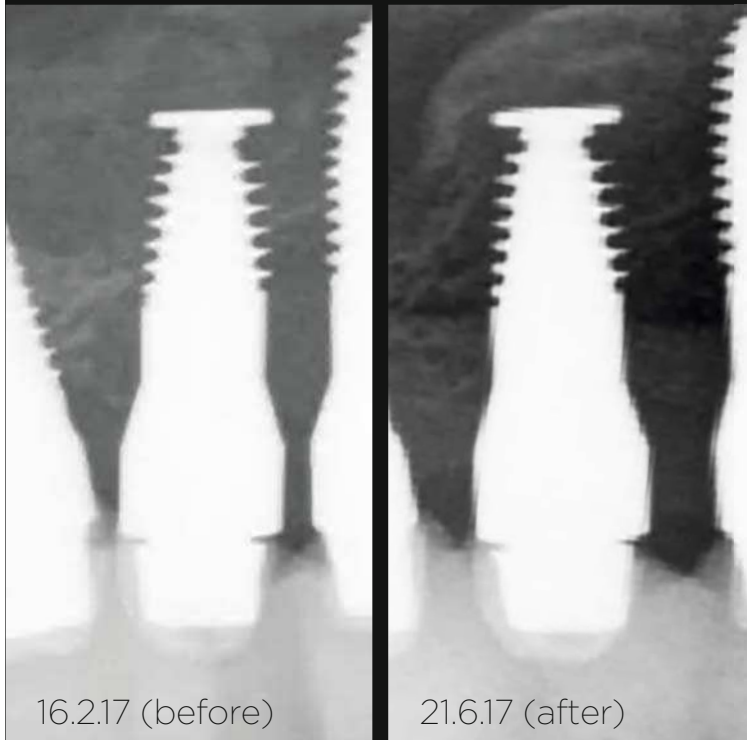
manufacturer news 40

news 56

**about the publisher**

imprint 58

# Ceramic is easier. But different.



The **concept** about implantology with ceramic implants  
SDS - User Training Course „Ceramic  
Implants and Biological Dentistry“

The Swiss Biohealth Concept® - 2-Day-Course incl. DVT-Analysis and  
Neural Therapy\*) with Dr Ulrich Volz at CCC-Kreuzlingen (Switzerland)

Dates:    13.10. - 14.10.2017 (engl.)      10.11. - 11.11.2017 (german)  
          15.12. - 16.12.2017 (german)    23.02. - 24.02.2018 (german)  
          23.03. - 24.03.2018 (german)    20.04. - 21.04.2018 (german)  
          08.06. - 09.06.2018 (engl.)

REGISTRATION:

Mrs. Ayla Tavit: [ayla.tavit@swissdentalsolutions.de](mailto:ayla.tavit@swissdentalsolutions.de) or Phone +49 171 8634815

Other courses about Biological Dentistry are online on

[www.swissdentalsolutions.com](http://www.swissdentalsolutions.com)

\* Assessment of participants' DVTs in terms of interference fields, root-canal-treated teeth, NICOs etc. and neural therapy of participants: injections with procaine.

**SDS** SWISS DENTAL  
SOLUTIONS®

[info@swissdentalsolutions.com](mailto:info@swissdentalsolutions.com)  
Tel. +49 75 31 697 33-0  
[swissdentalsolutions.com](http://swissdentalsolutions.com)