

# ZIRCONIA IMPLANTS TIME FOR CHANGE



ZIRCONIA IMPLANTS

TAV Dental

## State-of-the-art dental zirconia products

Zirconia healing caps, zirconia locators, multi-units with zirconia ring and last but not least zirconia implants are just some of the special products TAV Dental is manufacturing using the advanced ceramic injection technology. The passion behind developing zirconia products for dental implantology is to provide patients with products that are much healthier for their bodies along with the advantage of uncompromising aesthetic results. Zirconia products from TAV Dental are designed by a highly professional and dedicated team and manufactured using high-end ceramic injec-

tion moulding technology, resulting in state-of-the-art products to improve patient's quality of life. The vision of our team is to redefine—better than ever—the quality and the performance of dental zirconia products and to make our premium zirconia lines a global standard.

**TAV Dental**  
**Shlomi, Israel**  
[www.tavdental.com](http://www.tavdental.com)

Z-SYSTEMS

## Z-SYSTEMS Ceramic Implants—100% Ceramic, 100% Swiss

Ceramic implants have been at the cutting-edge of dental implant technology for over a decade, and are becoming increasingly popular with patients and practitioners worldwide. As a market leader, Z-SYSTEMS has taken another leap forward with its innovative Z5-BL (Bone Level) and soon-to-be-released Z5-TL (Tissue Level): the world's first two-part, screw-retained implants made entirely of ceramic. For the first time, completely submerged healing is now also possible with ceramic implants. The Z5-BL's advantages are evident in its beautiful bone level design

and a unique variety of abutments. A high-precision, extremely stable conical connection between the abutment and the implant makes it possible to use this material even for the occlusal screw. Many practitioners also like to work with tissue level implants—especially in biological dentistry. In recognising these clinical demands, Z-SYSTEMS is rapidly following the release of the Z5-BL with an equally-revolutionary Z5-TL. These latest releases build on the proven platform of Z-SYSTEMS heritage line: the Z5m, Z5m(t) and Z5c. Each Z-SYSTEMS product features the technology's unique, patented laser surface for outstanding osseointegration. The company's proprietary manufacturing process has produced a top-quality implant family renowned for its great durability.

In addition to fixed restorations, removable locator-like abutments are also possible on all two-piece Z-SYSTEMS implants. Available lengths are 8, 10 and 12 mm and diameters are 3.6, 4.0 and 5.0 mm.

**Z-SYSTEMS Ceramic Implants**  
**Switzerland**  
[contact@zsystems.com](mailto:contact@zsystems.com)  
[www.zsystems.com](http://www.zsystems.com)

Dentalpoint

## Zeramex launches new products

In order to be able to provide optimum restoration of anterior teeth in the lower jaw and lateral incisors in the upper jaw, the Zeramex XT implant system portfolio now also includes implants with an endosseous diameter of 3.5mm. The new Small Base (SB) implants are available in lengths of 8, 10 and 12mm. In addition to the already familiar Regular and Wide Base platforms with endosseous diameters of 4.2mm for the RB implant and 5.5 mm for the WB implant, these new products complete the Zeramex XT implant range. The SB implant system has also been expanded with the addition of new abutments. Zeramex Docklocs® Abutments are the first 100% metal-free, reversible screw-in abutments for removable dentures. They are available in heights of 2, 3 and 4mm. A smaller adhesive base is now available to further optimise the digital workflow. Like the existing Zerabase adhesive base, the new Zerabase X is available with and without abutment bases for single crowns or bridge res-



tortations (engaging/non-engaging) as well as for all SB, RB and WB platforms. The new SB implants, Zeramex Docklocs® Abutments and the new Zerabase X adhesive base are all available now.

**Dentalpoint AG**  
**Bodenackerstr. 5**  
**8957 Spreitenbach, Switzerland**  
**digitalsolutions@zeramex.com**

SDS Swiss Dental Solutions

## SDS1.2 and SDS2.2 ceramic implants launched in the US

The concept of Biological Dentistry with ceramic implants according to Dr Karl Ulrich Volz is the central component of the SWISS BIOHEALTH CONCEPT. Another major part of this concept—our ceramic implants—are now available in the US. Made in Switzerland, the new SDS implants SDS1.2 and SDS2.2 are now FDA-approved and available from our North American office. These new and continuously improved implants comprise all the little improvements and ideas of the last years, directly out of the SWISS BIOHEALTH CLINIC of Dr Volz in Switzerland and other SDS specialists in Europe. The SDS USA Inc. is located in Plymouth, MA, and offers clients the same level of service and expertise as in Europe. Our first four SDS user courses success-

fully took place in New York, Denver, Santa Monica and New Orleans. Other USA courses will follow soon. Additionally, SDS offers the monthly SDS user course with Dr Karl Ulrich Volz as well as other courses on Biological Dentistry and Biological Medicine in the SWISS BIOHEALTH EDUCATION Center. The dates for the 2021 SDS courses in the USA will be published shortly on [www.swissdentalsolutions.us](http://www.swissdentalsolutions.us).

**SDS Swiss Dental Solutions USA Inc.**  
**34 Main St Ext #202**  
**Plymouth, MA 02360, USA**  
**[www.swissdentalsolutions.us](http://www.swissdentalsolutions.us)**

SWISS  BIOHEALTH®

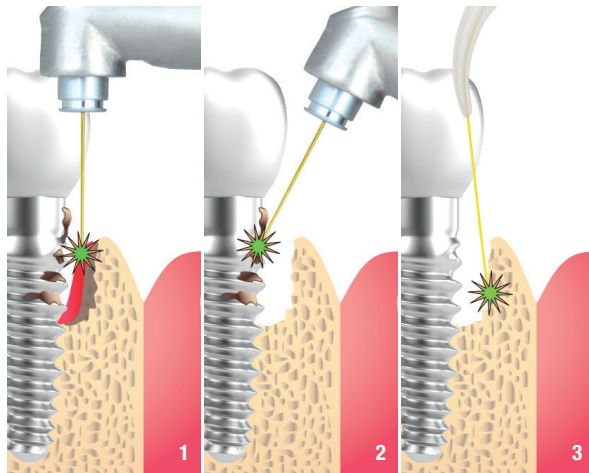
**SDS** SWISS DENTAL SOLUTIONS



not just a product - but a solution

Fotona

## Peri-implantitis treatment with TwinLight



**Fig. 1:** Removal of the soft-granulation tissue and ablation of the infected bone with Er:YAG. **Fig. 2:** Removal of the bacterial biofilm on the implant surfaces with Er:YAG. **Fig. 3:** Bacterial reduction and biostimulation of the bone tissue with Nd:YAG.

Fotona's dual-wavelength LightWalker dental laser system is the ideal tool for effective minimally-invasive treatment of peri-implantitis. The system's TwinLight (Er:YAG and Nd:YAG) treatment option successfully addresses infection control, detoxification of implant surfaces, regeneration of lost tissues, and plaque-control regimens with no mechanical or chemical trauma, no danger of thermal damage to the surrounding bone and no significant alterations of the implant surface. First, the Er:YAG laser is used to remove microbial composition on the implant and to treat the damaged alveolar bone around the implant. Following Er:YAG treatment, the Nd:YAG laser wavelength is used for bacterial reduction and biostimulation. Inflammation, swelling, and bleeding of soft-tissue lesions, can be handled without surgery, and healthy peri-implant tissue assures greater long-term implant success.

**Fotona d.o.o.**  
**Stegne 7**  
**1000 Ljubljana, Slovenia**  
**www.fotona.com**

CAMLOG

## Natural aesthetics with the CERALOG® Implant System

The demand for highly aesthetic, natural-looking restorations is continually increasing. This trend favours ceramic implant solutions with high levels of biocompatibility, particularly zirconia, known for its excellent soft-tissue compatibility. The CERALOG® Implant

### AESTHETICS

The ivory colour, which is close to the natural tooth colour and the properties of zirconia supports high aesthetic results.



### IDEAL CONNECTION

Hexalobe – the ideal implant–abutment connection for ceramic implants. The torque is transmitted tangentially to the implant, which allows a much higher torque compared to hexagonal connections, and also more rotational stability.

System is established and has been in clinical use for more than seven years. It offers a high level of predictability and provides aesthetically pleasing results. The two-piece design of the system that allows for screw-retained prosthetics offers great benefits. CERALOG® is easy to use, owing to the simplified prostheses, lean instrumentation, and clearly structured surgical procedure. Options for the treatment workflow include flexible trans- or submucosal healing of the two-piece CERALOG® Hexalobe implant and transmucosal healing of the CERALOG® Monobloc implant. The implants are made of yttria-stabilised tetragonal zirconia, which is a ceramic widely used in the dental industry and other highly demanding medical fields. The ivory colour of the material, which is very close to that of a natural tooth, and the properties of zirconia lead to natural-looking results. Zirconia is chemically inert, making it especially suitable as an implant material. Due to its manufacturing process called ceramic injection molding (including sintering and hot isostatic pressing), it offers an outstanding combination of excellent mechanical properties and high strength.

**CAMLOG Biotechnologies GmbH**  
**Margarethenstr. 38**  
**4053 Basel, Switzerland**  
**www.camlog.com**



breident medical

## Highest primary stability—now with conical-parallel connection

The new copaSKY implant line from breident is particularly distinguished by the stable and retrievable conical-parallel-walled interface, which enables easy removal of the prosthetics. The unique neck design and short implant–abutment connection also allows ultrashort implants. Due to the deposition of bone chips on the backtaper, a subcrestal implant position can also be selected. copaSKY uses the same surgical tray as all other SKY implants. And the enhanced prosthetic offering one connection that fits all diameters of implants, simplifying storage and reducing inventory. The material of choice is BioHPP, which provides a natural chewing sensation and built-in shock absorber effect to

protect implants. Also new is the form-fit connection for bolted bridge components. The high accuracy of fit directs the lateral load directly onto the abutment, i.e. the risk of screw loosening and fractures is greatly reduced. The integrated angled screw channel provides excellent aesthetic results when transversally threaded.

**breident medical GmbH & Co. KG**  
**Weißenhörner Straße 2**  
**89250 Senden, Germany**  
**www.breident-implants.com**

AD

## BECOME AN AUTHOR

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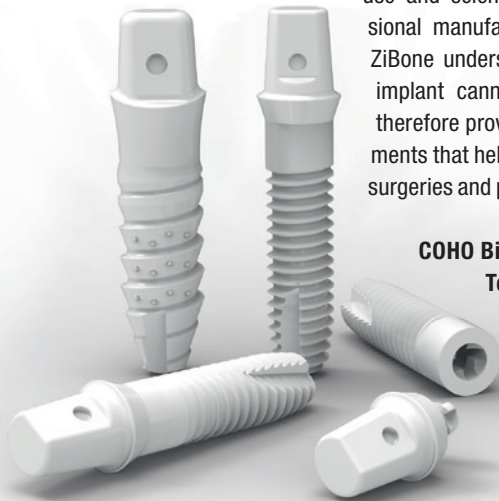
Please contact Mr Georg Isbaner:  
 g.isbaner@oemus-media.de  
 Phone: +49 341 48474-123



COHO Biomedical Technology

## A total, functional and aesthetic solution

Dental treatment has entered an era of aesthetic functional restorations. With the ZiBone zirconia implant, ZiBone offers a metal-free implant system that meets the highest aesthetic demands. Zirconia is increasingly being used today as a suitable material for dental restorations for a variety of reasons: it has a natural white colour, it allows for great healing of the surrounding soft tissues and leads to excellent osseointegration, it convinces with outstanding biocompatibility, and it causes no allergic reactions. Zirconia allows doctors to treat their patients with a material that is superior to titanium in many ways. Furthermore, ZiBone has succeeded in making special improvements to the surface of the ZiBone implant based on years of clinical use and scientific evidence. As a professional manufacturer of zirconia products, ZiBone understands that a single zirconia implant cannot solve all issues. ZiBone therefore provides a line of zirconia instruments that help dentists to master complex surgeries and periods of postoperative care.



**COHO Biomedical  
Technology CO., LTD.**  
No. 21 Dafeng Street,  
Luzhu District  
Taoyuan County 338,  
Taiwan (R.O.C.)  
[www.zibone.com](http://www.zibone.com)

Straumann

## The first step to harmonious soft-tissue healing

Made from zirconia, the new Straumann® Ceramic Healing Abutments offer favourable conditions for soft-tissue attachment, with blood circulations similar to that around a natural tooth.<sup>1,2</sup> Their known zirconia material will support surgeons and prosthodontists looking for less plaque attachment and allow for a more mature and pronounced soft-tissue integration compared to conventional materials.<sup>3-7</sup> With a smoother surface in contrast with titanium,<sup>2,3,8,9</sup> those new healing abutments promote soft-tissue healing from the day of surgery. In a nutshell, the first ceramic healing abutments in Straumann history bring clinicians the opportunity to have a complete ceramic prosthetic workflow from the healing phase, followed by Straumann CARES ceramic options for the final restoration; achieving health, function and aesthetics from the day of surgery.



Note: References can be found on [www.straumann.com/ceramic-healing-abutments.html](http://www.straumann.com/ceramic-healing-abutments.html)

**Institut Straumann AG**  
Peter Merian-Weg 12  
4052 Basel, Switzerland  
[www.straumann.com](http://www.straumann.com)

TBR Dental

## Acquisition opens new perspectives in Spain

Driven by the development of the Z1 Tissue Level implant and the Index digital workflow, TBR Dental integrates SAS Exclusivas Dentales, S.L. into its group and consolidates its long-term presence in Spain. Based in Valencia and with more than 30 years of experience in the Spanish market, SAS Exclusivas Dentales

supports dental professionals in their search for technical excellence through a practical and local approach. The company's portfolio offers specialised and innovative products with a perfect knowledge of the needs of the dental community. "We are pleased to welcome Sally Bustos and Sergio Aldazosa, directors of SAS Exclusivas Dentales, to the TBR Dental Group. Their involvement, their experience and the dynamism of their talented team have enabled SAS Exclusivas Dentales to become an important player in the Spanish dental market", explains Julien Benhamou, CEO of TBR Dental. Today, TBR Dental and SAS Exclusivas Dentales are pushing forward the deployment of unique and exclusive products in a Spanish market that is as dynamic as ever.



**TBR Dental Group**  
24, impasse René Couzinet  
31500 Toulouse, France  
[www.tbr.dental](http://www.tbr.dental)



**EACim congress \ April 17, 2021**  
**Hotel Le Plaza \ Brussels**

## Theme: **LARGE RECONSTRUCTION WITH CERAMIC IMPLANTS**

Conferences in English with simultaneous translation into French  

WITH THE PARTICIPATION OF:

Pr. Eric Rompen

Dr. Rouven Wagner

Dr. Paul Petrunaro

Dr. Andrea Enrico Borgonovo

Dr. Sammy Noubissi

Pr. Marcel Wainwright

Dr. Saurabh Gupta



Pr. ERIC ROMPEN \ Respective places of ceramic and metallic implants in a global oral rehabilitation practice in 2021 \

Dr ROUVEN WAGNER \ Complex prosthetic restorations with the ceralog system \

Dr PAUL PETRUNGARO \ Achieving Natural Soft Tissue Esthetics utilizing Zirconia Implants for Immediate Restoration Procedures In the Esthetic Zone \

Dr ANDREA ENRICO BORGONOVO \ Use of Ceramic dental implants in oral rehabilitation: clinical and experimental results with 14 years follow-up \

Pr. MARCEL WAINWRIGHT \ Predictable, reliable and biological solutions with ceramic implants \

Dr SAURABH GUPTA \ Digital Workflow in Zirconia Implant Dentistry: The Future Is Here \

Dr SAMMY NOUBISSI \ Zirconia Ceramic Dental Implants are Here to Stay: Ten Years of Scientific and Clinical Observation \

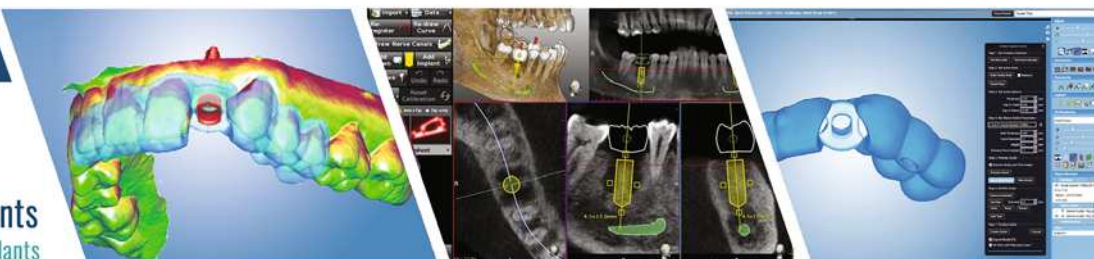
Pr. CARLO MAIORANA \ Evolution of implantology. Future prospects and conclusions of the congress \

More information: [eacim-ceramic-implantology.com](http://eacim-ceramic-implantology.com)

## Workshop EACim 2021

April 16, 2021  
16 avril 2021

Digital workflow and ceramic implants  
guided versus navigated surgery with ceramic implants



An optional Workshop will be held the day before the congress, on April 16, 2021 in Brussels (from 2 pm until 5:30 pm).

**HOTEL LE PLAZA \ Brussels**

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