

# ZIRCONIA IMPLANTS TIME FOR CHANGE

TAV Dental

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

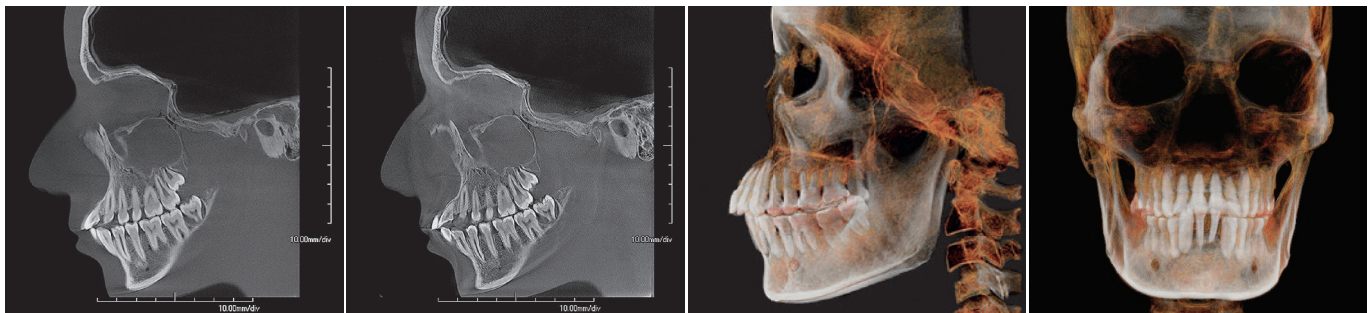
Zirconia healing caps, zirconia locators, multi-units with zirconia ring and last but not least zirconia implants are just some of the special products TAV Dental is manufacturing using the advanced ceramic injection technology. The passion behind developing zirconia products for dental implantology 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 injection

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)

PreXion

## Superior 3D image quality with low radiation exposure



100µm voxel size.

74µm voxel size (PreXion3D EXPLORER).

3D image with a 150 x 160 mm field of view.

With many 3D-imaging systems today, good image quality is usually accompanied by high radiation exposure. Developed specifically for the European and US-American market, the new CBCT system PreXion3D EXPLORER offers the highest possible image quality at the lowest possible radiation levels. With a specifically controllable pulse generator, radiation is generated only when necessary to achieve the highest imaging quality. For a 20-second-long scan in ultra-HD 3D-mode, radiation exposure is only between 4.4 and 5.8 seconds. For a 10-second-long scan in standard scan 3D-mode, it is a mere 3.2 seconds. The small voxel size enables a more detailed representation of even the finest hard and soft tissue structures in ultra-high definition. The short image reconstruction times

ensure a seamless workflow. The PreXion3D EXPLORER convinces with easy handling and extensive planning programmes that cover the entire range of indications. With the 3D-analysis function, fields of view (FOV) sizes of 50 x 50, 150 x 80 and 150 x 160 mm can be generated, offering numerous flexible diagnostic options for oral surgery, implantology, periodontology, endodontics, orthodontics, and general dentistry.

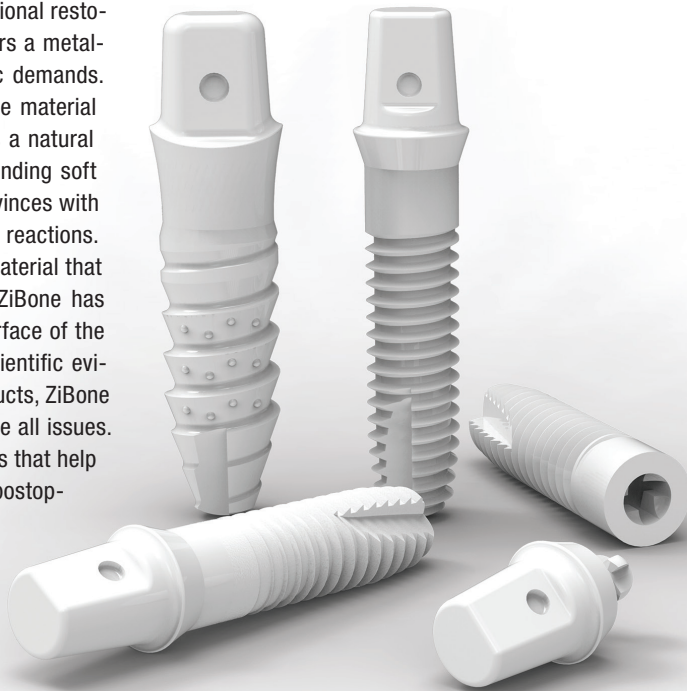
**PreXion (Europe) GmbH**  
**Stahlstraße 42**  
**65428 Rüsselsheim, Germany**  
[www.prexion.eu](http://www.prexion.eu)

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**



AD



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

## Theme : LARGE RECONSTRUCTION WITH CERAMIC IMPLANTS

Chairman: Prof. Carlo Maiorana and the participation of:

Pr. Eric Rompen

Dr. Alexander Volkmann

Dr. Paul Petrungraro

Dr. Andrea Enrico Borgonovo

Dr. Sammy Noubissi

Pr. Marcel Wainwright

Dr. Saurabh Gupta



\ Conferences in English with simultaneous translation into French \

**Optional : pre-congress workshop: "DIGITAL WORKFLOW AND CERAMIC IMPLANTS"**

**Friday April 16, 2021 from 2:00 pm to 5:30 pm**

**ONLINE REGISTRATION**

**eacim-ceramic-implantology.com**

**Information:** info@cosyn.eu \ Phone : + 32 477 41 32 98



**Straumann**

## Natural ceramic—proven quality

PURE ceramic implants have an ivory colour that resembles natural tooth roots. This gives the most natural look even in thin gingiva biotypes. ZLA, the surface of the PURE ceramic implant, is characterised by macro- and micro-roughness which is similar to the original Straumann SLA surface. In several studies, the ZLA surface has also demonstrated similar healing patterns, healing times and osseointegration qualities with regards to peri-implant bone density and bone-to-implant contact (BIC). In addition, the zirconia-based ZLA surface of PURE implants shows a favourable formation of the epithelial attachment, as well as significant lower bacterial accumulation compared to titanium-based SLA surfaces.

Compared to titanium implants, a higher degree of soft-tissue integration around the PURE ceramic implant was observed in scientific studies. By placing the Straumann PURE ceramic implant system, excellent aesthetic outcomes with favourable soft-tissue attachment and papilla formation around the implant can be achieved.

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

**ClaroNav**

## State-of-the-art navigation for every day

Similar to the way that a GPS system guides you while driving, Navident by ClaroNav guides clinicians by using the CBCT image as a map. It offers surgeons an easy to use, accurate, highly portable and affordable way to plan restorations and implant placements. With Navident 2, clinicians will no longer need to do a special extra scan. They can use the diagnostic scan already available for the patient. The stress of stent making is also gone because a stent is no longer required. Trace and Place (TaP) is a game-changing development for dynamic navigation. With TaP, the Navident workflow is streamlined, efficient, user-friendly and seamlessly integrated into the daily practice. "Trace and Place is a real tipping point for dynamic navigation guidance," said user Dr George Mandelaris, a periodontist from Chicago, USA. "It has streamlined and simplified the workflow in both the diagnostic and surgical phases to allow state-of-the-art technology to be an everyday component of my surgical implant practice. I can't imagine going back." Clinicians are invited to learn from masters and interact with peers at ClaroNav's annual DNS Symposium in Toronto, Canada on 24 and 25 July 2020.

**ClaroNav Inc.**  
**1140 Sheppard Avenue West, Unit 10**  
**M3K 2A2 Toronto, Canada**  
**[www.claronav.com](http://www.claronav.com)**

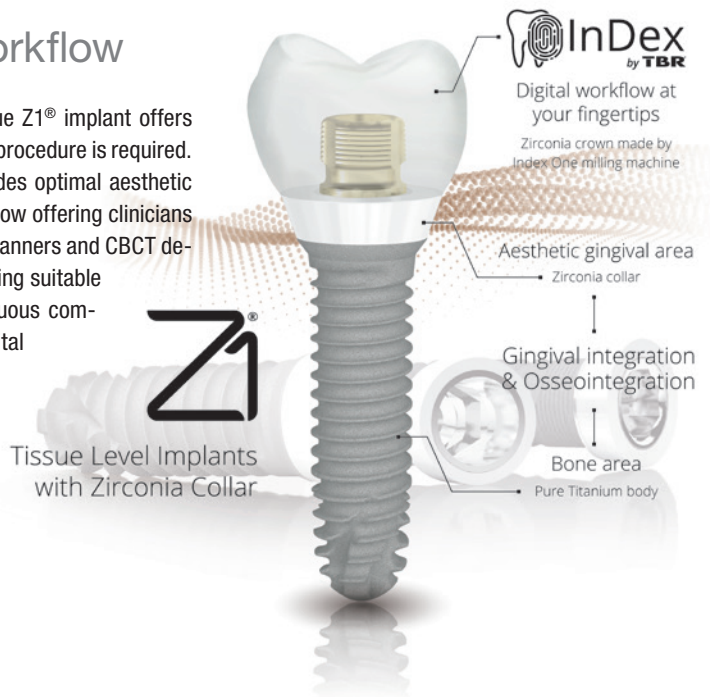


TBR Dental

## Tissue-level implant and digital workflow

Combining a titanium body and a zirconia collar, the worldwide unique Z1<sup>®</sup> implant offers many advantages. It is a tissue-level implant and thus only one surgical procedure is required. In addition, the zirconia collar promotes soft-tissue healing and provides optimal aesthetic results for the patient. With the launch of its new range Index, TBR is now offering clinicians a complete digital workflow: from the scanning phase with intra-oral scanners and CBCT devices to the milling phase with machines adapted to your needs, including suitable CAD/CAM software, associated materials and consumables. The virtuous combination of implantology with the Z1 implant system and the Index digital workflow ensures optimal ergonomics and shorter chair times, which is essential in the daily dental practice. Combine superior aesthetics and digital design with Z1 implants and TBR CAD/CAM Index dental solutions today!

**TBR Dental Group**  
**24, impasse René Couzinet**  
**31500 Toulouse, France**  
**www.tbr.dental**



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 successfully 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.

**SDS Swiss Dental Solutions USA Inc.**  
**34 Main St Ext #202**  
**Plymouth, MA 02360, USA**  
**jf@swissdentalsolutions.com**



not just a product - but a solution

Dentalpoint/Zeramex

## Your competence centre for digital solutions



Get to know the complete digital workflow for implant systems from Zeramex. Improve the experience of your customers and make your own job easier. In addition to the production of 100% metal-free screw-retained customised abutments and monolithic crowns with Zeramex XT implant connections, the digital workflow from Zeramex offers you a service for processing your digital data or for the finishing of semi-finished blank res-

torations. Model your crown or the individual abutment as usual in your 3Shape or exocad software to create the desired design. Send us the digital data conveniently as an STL file. Zeramex Digital Solutions will produce the complete restoration including the Zeramex implant connection. This can be in the form of an individual abutment or as a one-piece monolith crown without joints and adhesive gap. It is also possible to order a custom crown for Zerabase or other abutments directly from us. As required, these can be supplied with and without screw hole. All of our custom zirconium crowns are also available coloured and glazed. Within just one week you will receive the precisely fitting prosthetic restoration you require—ready for immediate use. Simplify your work processes and the life of your patient. Use the digital workflow from Zeramex (available in Germany and Switzerland).

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

bredent medical

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

The new copaSKY implant line from bredent 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.

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

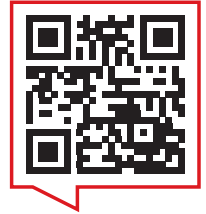


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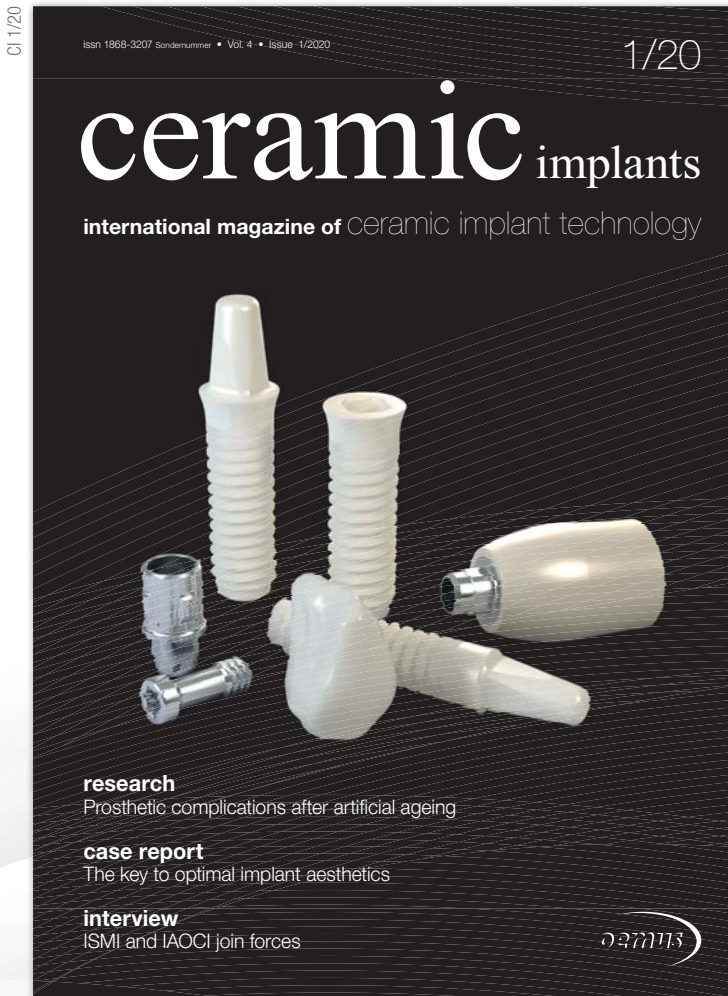
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