



# COHO Biomedical Technology Company: Delivering excellence in zirconia implants and medical devices

At COHO Biomedical Technology Company, we pride ourselves on being at the forefront of innovation and quality in the healthcare industry. Our commitment to excellence is evident in the specialised services we provide, particularly in the realm of zirconia implants and medical devices. Through our flagship product line, the ZIBONE Zirconia Implant, and other cutting-edge zirconia-based medical solutions, we have established ourselves as leaders in providing safe, effective, and durable products that meet the highest standards of patient care.

## Expertise and innovation in zirconia technology

Zirconia has emerged as a revolutionary material in the medical field, especially in dental implants. Known for its exceptional biocompatibility, strength, and aesthetic appeal, zirconia offers a superior alternative to traditional materials like titanium. COHO Biomedical has harnessed the full potential of this advanced material through rigorous research and development, ensuring that our products not only meet but exceed industry expectations.

The ZIBONE Zirconia Implant is the culmination of years of research and development. Our team of experts has meticulously designed and tested this implant to ensure it delivers unparalleled performance in terms of strength, durability, and patient comfort. The implant's unique design allows for optimal osseointegration, ensuring a secure and long-lasting bond with the surrounding bone tissue. This results in improved patient outcomes and a higher success rate in implant procedures.

## Commitment to quality and safety

At COHO Biomedical, quality and safety are not just priorities—they are the foundation of everything we do. We understand that medical

devices, especially those implanted in patients, must adhere to the most stringent safety standards. That's why our ZIBONE Zirconia Implant and other zirconia medical devices undergo rigorous testing at every stage of production. From raw material selection to final product inspection, we implement comprehensive quality control measures to ensure that our products are free from defects and safe for use.

Our commitment to quality extends beyond our products to the services we provide. We work closely with healthcare professionals to ensure that they have the necessary training and support to use our products effectively. Our technical support team is always on hand to provide assistance, whether it's answering questions about product specifications or offering guidance on best practices for implant procedures.

## Aesthetic and functional advantages

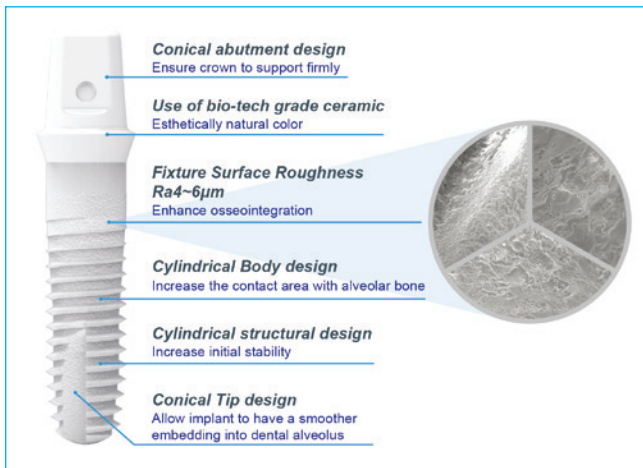
One of the standout features of zirconia as a material is its aesthetic appeal. Unlike metal implants, zirconia implants are naturally white, making them an ideal choice for patients seeking a more natural-looking solution. The ZIBONE Zirconia Implant is designed with aesthetics in mind, ensuring that it blends seamlessly with the patient's natural teeth. This makes it particularly suitable for use in the anterior region, where the appearance of the implant is crucial to the overall success of the procedure.

In addition to its aesthetic benefits, zirconia also offers functional advantages. It is highly resistant to corrosion and does not conduct heat or electricity, reducing the risk of adverse reactions in patients. Furthermore, zirconia's non-metallic nature means it does not interfere with medical imaging techniques, allowing for clearer and more accurate diagnostic results.

## Comprehensive product portfolio

While the ZIBONE Zirconia Implant is our flagship product, COHO Biomedical offers a comprehensive range of zirconia-based medical devices to meet the diverse needs of healthcare providers. Our product portfolio includes everything from dental crowns and bridges to surgical instruments and orthopaedic implants, all made from the highest quality zirconia. Each product is designed with the same attention to detail and commitment to excellence that has become the hallmark of our company.





Our extensive product range allows us to offer complete solutions to our clients, ensuring that they have access to the best possible tools and materials for their practice. Whether it's a single dental implant or a full set of zirconia prosthetics, COHO Biomedical has the expertise and resources to deliver products that meet the highest standards of performance and patient satisfaction.

### Professional support and training

At COHO Biomedical, we believe that providing exceptional products is only part of the equation. Equally important is the support and training we offer to the healthcare professionals who use our products. We understand that the success of any medical device depends

on the skill and knowledge of the practitioner, which is why we invest heavily in training and education.

Our comprehensive training programmes cover everything from product installation and maintenance to advanced surgical techniques. We also offer ongoing support to our clients, ensuring that they have access to the latest information and best practices. Whether it's through in-person workshops, online training modules, or one-on-one consultations, we are committed to helping our clients achieve the best possible outcomes for their patients.

COHO Biomedical Technology Company is dedicated to advancing healthcare through innovative zirconia implants and medical devices. Our ZIBONE Zirconia Implant is a testament to our commitment to quality, safety, and patient satisfaction. By combining cutting-edge technology with professional support and training, we are helping healthcare providers around the world achieve better outcomes for their patients.

COHO Biomedical remains focused on our core mission: to provide the highest quality medical devices that enhance patient care and improve lives. Whether you are a healthcare provider looking for the best in zirconia implants or a patient seeking a safe and effective solution, COHO Biomedical is your trusted partner in healthcare innovation.

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## Z-SYSTEMS reaches 20-year milestone in advanced dentistry, pioneering zirconia implants

Z-SYSTEMS Ceramic Implants is proud to celebrate the continued success of our bone-level and tissue-level ceramic implants—the world's first and only 100 per cent ceramic dental implants with a screw-retained conical connection. These groundbreaking implants have set a new standard in implantology, offering unmatched strength, biocompatibility, and aesthetic excellence.

With 20 years of dedicated research and clinical expertise, Z-SYSTEMS has revolutionised the field of implants and their commitment to innovation has propelled the company to the forefront of dental implant technology. The advanced design of the 100 per cent ceramic implants provides patients with a metal-free solution that promotes optimal long-term outcomes, ensuring stability, natural appearance, and improved oral health.

### Key features and benefits:

- Superior aesthetics:** The tooth-coloured zirconia material closely resembles natural teeth, allowing for seamless and lifelike restorations.
- Enhanced biocompatibility:** Our zirconia implants feature biocompatible materials with excellent tissue acceptance, promoting healthy osseointegration and long-term implant success.

- Two-piece conical connection:** This unique connection ensures a precise fit and stability while minimising the risk of bacterial penetration, contributing to lasting implant success.
- Outstanding durability:** Zirconia's exceptional strength and fracture resistance make our implants highly durable and suitable for a wide range of clinical cases.

Join us as we celebrate 20 years of pioneering excellence, as the world leader in zirconia implants, and discover how Z-SYSTEMS' bone-level and tissue-level implants can grow your practice and improve patient outcomes. For more information, visit [www.zsystems.com](http://www.zsystems.com).

Z-SYSTEMS Ceramic Implants is a leading dental implant manufacturer specialising in advanced ceramic implant solutions. With a focus on innovation, precision, and patient-centric outcomes, Z-SYSTEMS has set a new standard in implant dentistry. The company's commitment to excellence is rooted in a passion for enhancing smiles and improving the lives of patients worldwide.

**Z-SYSTEMS AG**  
[www.zsystems.com](http://www.zsystems.com)

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# Secure your spot and discover ZIRKONUS' patented implant system!

At the 53<sup>rd</sup> International Annual Congress of the DGZI, held on 8 and 9 November in Düsseldorf, Germany ZIRKONUS will present its groundbreaking implant solution. This innovative, multi-part, all-ceramic system introduces a cutting-edge coupling geometry that seamlessly connects the implant body, abutment, and crown. The abutment rotates 60 degrees before settling into its final position without the need for adhesive, allowing it to be replaced as often as needed when the crown is removed. Additionally, the absence of a screw channel enables very delicate superstructures. Another unique feature of ZIRKONUS is the availability of implants with diameters ranging from 3.5 to 11.5 mm, catering to a variety of clinical needs.



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At this year's DGZI congress, the popular table clinics provide an ideal platform for showcasing this innovative system. These interactive sessions allow participants to engage with leading experts on a variety of specialised implantology topics, expanding their knowledge and gaining valuable cross-disciplinary insights.

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## Zeramex anatomy course in Graz

CeramTec Switzerland has prepared an exciting training course: Dentists working in implantology can now attend an anatomy course. The Zeramex course, which is certified with continuing medical education points, will take place under the direction of Prof. Dr Dr Michael Payer on 22 and 23 November 2024 at the Medical University of Graz (AT). The programme includes lectures by Prof. Dr Dr Michael Stiller and Dr Dr Thomas Mehnert on the topics of anatomy & ceramic implants as well as practical work on human specimens.

Friday will begin with a guided tour through the old town of Graz and a get-together from 7 p.m. Lectures and practical work are planned for Saturday.

### Course fee and registration

Registration is via e-mail [event@zeramex.com](mailto:event@zeramex.com) or via the attached QR code. The number of places is limited.

## Zeramex® Anatomiekurs mit



Prof. Dr. Dr. Michael Payer



Prof. Dr. Dr. Michael Stiller



Dr. Dr. Thomas Mehnert

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# "BAYERNS BEST 50"—bredent receives an award for best performance

bredent GmbH & Co. KG was honored by the Bavarian State Ministry of Economic Affairs, Regional Development and Energy as one of the fastest-growing medium-sized companies in Bavaria. As part of the "BAYERNS BEST 50" event, the company and 49 other winners received the award, which stands for outstanding entrepreneurial growth, employee growth and sales growth. The award was handed over by Hubert Aiwanger, Bavarian State Minister for Economic Affairs, Regional Development and Energy.

"The award is a confirmation of our continuous corporate development and our commitment to our employees and the region," explains Peter Brehm, founder and owner of bredent. "With our innovative approach and a strong focus on quality and training, we have not only created jobs, but also actively contributed to the creation of a high standard of living in Bavaria."

The "BAYERNS BEST 50" award recognises companies that have achieved superior growth in recent years. Important selection criteria are the economic success of the company and the active role of the company management in the business.



bredent medical GmbH & Co. KG  
www.bredent-medical.com



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## Neodent® Zi Ceramic Implant System: performance with outstanding aesthetic result

The Neodent® Zi Ceramic Implant System combines the notions of aesthetic, stability, and flexibility. This solution allows clinicians to immediately treat patients due to the modern naturally-tapered design and wide prosthetic portfolio, achieving high-end aesthetic results.

ceramic abutment. This design improves the performance by optimising the force distribution along the internal connection.

### Treatment flexibility

Designed to provide several treatment solutions and a wide range of prosthetic possibilities through a two-piece connection, Zi offers solutions from conventional to digital workflow, able to treat bone types I to IV.

### Ceramic prosthetic portfolio

The Ceramic prosthetic portfolio allows conventional or immediate protocols. In addition, both conventional and digital workflows can be applied, resulting in a natural-looking restoration.

### Tapered design and connection for stability

The Ceramic Implant System exhibits a modern tapered geometry designed for predictable immediate load. This feature is designed to mimic the tapered shape of a natural tooth root, achieving high primary stability.

Additionally, Zi has the exclusive ZiLock® internal ceramic connection, a user-friendly system designed with a longer screw which provides a secure engagement between the ceramic implant and the



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**Zi** Ceramic  
Implant System