

Long-term experiences in the production of zirconia

ZiBone has inherited the rich experience of the Taiwan company COHO Biomedical Technology in manufacturing biotech machinery and products. Having the foundation and studied the exact delicate details of CIM (Ceramic Injection Molding) and PIM (Powder Injection Molding), the company successfully obtained several patents in the area of medical devices. In the interview, ZiBone spoke about their products and aims in the field of ceramic implantology.

How came that ZiBone entered the dental market?

Since 2001, COHO Biomedical produces medical devices made from zirconia, such as abdominal surgery knives, orthopaedic scalpels and other surgical tools. High-quality materials and innovative designs led by our research team ensure the continuous improvement of our products. COHO provides not only the cutting edge products but also the reliable customer support.

ZiBone's success was based on many years experience in the production of medical devices made from zirconia. To meet the increasing demand of clinical applications of zirconia, ZiBone expands the product lines to dental implants, surgical tools, CAD/CAM milling blocks, and paediatric crowns in the recent years.

What is your core product in the area of zirconia?

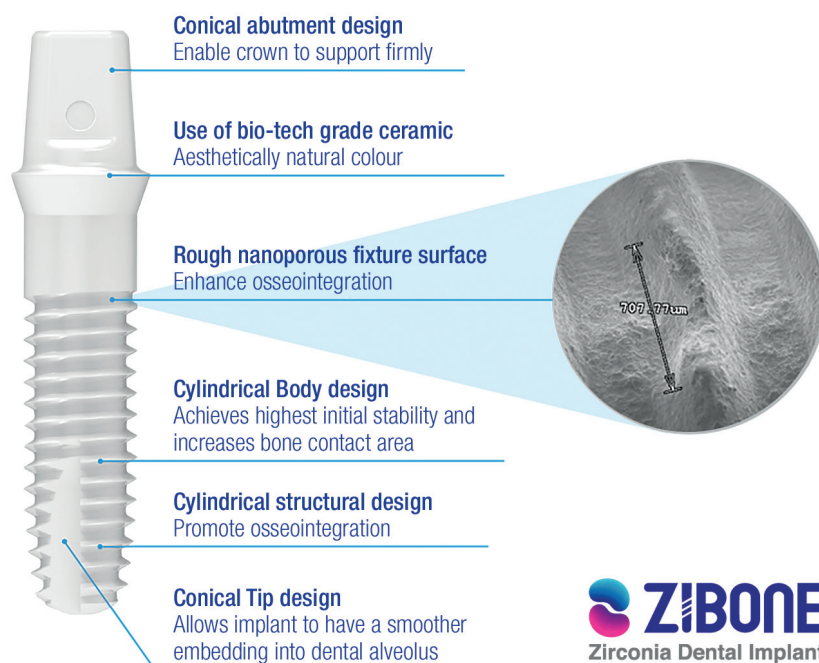
Our core product is our one-piece ceramic implant made of extremely biocompatible zirconia that is suitable for most patients. With laboratory, animal, and clinical studies, ZiBone implants demonstrate reliable osseointegration and initial stability with unique surface treatment and thread design. The abutment design also provides maximum surface available for the retention of a crown.

Is zirconia the "better" choice over titanium?

Studies show that both titanium and zirconia will provide satisfactory outcomes in clinical applications. There are several limitations of zirconia implants; however, they also provide unique advantages, such as biocompatibility of hard/soft tissue and improved aesthetics in thin biotype gingiva. Zirconia implants are new in dental treatments and long-term researches are needed for zirconia implants.

What makes your company successful?

COHO Biomedical has long-term and mass production experience in zirconia medical devices. We continue investigating the improvement of the materials and technology, developing more user-friendly products, and providing global customer services. Our ultimate goals are patient safety and reliable products. ZiBone will be the leader of ceramic implants.



ZIBONE
Zirconia Dental Implant

What are your future plans?

ZiBone continues developing different surface treatment techniques to improve osseointegration and ensures long-term success. In addition, our research team also works on the integration of digital diagnostic tools and prosthodontic applications in different situations.

contact

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