

WITAR Consulting GmbH

Ideal solution for all indications

AWI ceramic implants from WITAR offer superior aesthetics, stability, accuracy and healthy osseointegration. A sophisticated design combined with modern materials make for an ideal solution for all bone classes and indications. Made of zirconium dioxide, AWI dental implants are metal-free and thus fully biocompatible. The cemented zirconia abutment allows an individual design. The transgingival shoulder has an ideal surface for interacting with soft tissue for any type of indication. The conical micro-thread allows great primary stability and axial loading. Studies have shown that the thread roughness of 1.7 µm leads to optimal osseointegration. Also, the surface is coated with a bioactive BIOVERIT I nano-coating. This surface-thread combination enables superior osseointegration for all bone classes. The self-tapping implant tip provides space for bone chips and low-compression insertion. AWI ceramic implants are now available in gingiva colour too, which leads to even better aesthetics and optimised risk areas.

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ZiNova

ZiNova & Z7 ceramic implant systems— a new biological approach to implantology

ZiNova (USA) and Z7 (international markets) represent a next-generation ceramic implant platform developed by MABB—Bioengineering & Biomaterials, focused on biologically driven, metal-free implantology.

Manufactured using advanced ceramic injection molding (CIM) technology and yttria-stabilised zirconia (Y-TZP), the system combines high mechanical strength, tissue stability, and optimised biological integration.

A key differentiator is its proprietary 3D native surface technology, generated directly during the CIM manufacturing process without sandblasting or aggressive acid etching. This approach aims to preserve surface integrity while reducing potential contamination risks, supporting favourable biological behaviour for both hard and soft tissues, while also contributing to a more sustainable manufacturing philosophy with lower environmental impact.

The implant philosophy is centered on tissue-level concepts, aiming to reduce micro-movements, bacterial infiltration, bio-tribocorrosion-related risks, and long-term peri-implant inflammation commonly associated with metallic systems.



The Z7 platform currently includes:

- FDA-cleared one-piece zirconia implant system in the United States under the ZiNova brand
- one-piece and two-piece systems approved in Argentina (ANMAT)
- regulatory expansion activities ongoing in Brazil (ANVISA)
- CE certification process currently underway in Europe

Today, more than 300 clinicians are actively using Z7 systems in South America, supported by growing clinical evidence, international collaborations, and presentations at scientific meetings such as the Z7 & ZiNova Experiences and the Global Ceramic Implant Summit held in Buenos Aires and to be programmed in the US, Brazil, Europe and Asia.

The vision behind ZiNova/Z7 is simple: to help drive implant dentistry toward a more biological, aesthetic, tissue-friendly, and metal-free future.

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