

Fotona Gmbh

Complete laser support for implantology



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Laser technology from Fotona can support multiple stages of implant treatment, including tooth extraction, post-extraction ridge preservation and peri-implant disease management. Fotona offers a comprehensive implantology solution through three powerful technologies on its LightWalker and SkyPulse dental laser systems: TwinLight, SWEEPS and ComfortLase.

Fotona's TwinLight protocol combines Er:YAG and Nd:YAG wavelengths for two key implantology applications: post-extraction ridge preservation and minimally invasive peri-implant disease management. In post-extraction treatment, Er:YAG supports cleaning and decontamination of extraction sockets, while Nd:YAG enables deep disinfection and biostimulation, promoting healing. In peri-implant disease management, Er:YAG supports effective removal of granulation tissue and cleaning of implant surfaces, while Nd:YAG enables bacterial reduction and biostimulation, supporting re-osseointegration.

Fotona's proprietary SWEEPS Er:YAG photoacoustic technology enables cleaning and decontamination in anatomically complex or difficult-to-reach areas. ComfortLase photo-biomodulation utilises Nd:YAG laser energy to stimulate tissue repair, promote faster healing and support patient recovery. Together, TwinLight, SWEEPS and ComfortLase help clinicians preserve tissue, support healing and improve implant outcomes.

Contact address

Fotona Gmbh

www.fotona.com

Neoss GmbH

One system. Designed right from the start.

Since 2009, Neoss has taken a consistent and focused approach with its ProActive® implants: one platform, one connection, one surface. This core design has remained unchanged, not because innovation was lacking, but because the system was built for long-term reliability and has consistently proven its clinical performance.

As Fredrik Engman, co-founder of Neoss, explains: "We never had to change our implant design. Because it works." This straightforward statement reflects a guiding principle at the heart of the Neoss philosophy: if something works well, there is no need to make it more complicated.

Long-term clinical data supports this approach. A retrospective study⁺ conducted at Zahnimplantat Zentrum & Kieferchirurgie Haßfurth in Wetztenberg, Germany, evaluated 1,648 Neoss ProActive Straight implants and reported a ten-year survival rate of 98.4%. The same study showed survival rates of 99.3% after



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one year and 98.9% after five years, demonstrating stable and consistent performance over time.

Neoss ProActive® represents intelligent simplicity, combining a proven design with dependable long-term outcomes that clinicians can trust.

⁺ Long-term clinical performance of superhydrophilic dental implants with more than ten years follow-up, Clinical Oral Implants Research, Hassfurth ND, Hassfurth N., EAO-332/PO-SU-022.

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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.

Contact address

WITAR Consulting GmbH
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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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ZiNova (USA)
www.zinovaimplants.com
Z7 (International Markets)
www.z7implants.com

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Numbered images in TIF or JPEG format, in a printable quality of at least 300 dpi.



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