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.

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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 Haßfurther in Wettenberg, 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 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, Hassfurther ND, Hassfurther N., EAO-332/PO-SU-022.

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