

IMPLANTODAYS CONGRESS

Conference

Laser protocols to save and place implants



 **6 June 2026**
 **Poiana Braşov, Romania**


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Conference

Dr. Fernando Duarte

Laser protocols to save and place implants



Among the different causes for implant failure, most of which being clinical aspects of the implant treatment, medications and health conditions, bacterial periodontal infections have been reported to be a major risk factor for early and late loss of dental implants. In addition to having been associated with the etiology of peri-implantitis and periodontitis, post-extraction periodontal pathogens have been linked to increase in bone loss, reduction in bone healing and implant instability.

Current methods for post-extraction disinfection of the implant site are mainly based on the use of drugs and surgical techniques, although the pharmacological risk of the former and the invasiveness of the latter have led researchers to seek alternative therapeutic methods which are safer for the patients, and one of them is laser therapy.

The present lecture outlines new laser protocols consisting of degranulation, disinfection, decortication, de-epithelialization, clot stabilization and photobiomodulation using Er:YAG and Nd:YAG wavelengths to prevent and save peri-implantitis clinical cases