



Lecture Abstract

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Main implantological topics:

- Oral microbiology: with special attention to the influence of surface characteristics on bacterial adhesion and the effect of antiseptics

Professional skills:

- Specialist in periodontology and anatomy
- Member of the editorial board of the Journal of Clinical Periodontology (associate editor), Clinical Oral Implants Research, Periodontal Practice Today and Parodontologie

Risk factors patient and implant characteristics: What is their impact in implant success?

Due to stringent rules for pre-operative sterility and atraumatic surgery, only a minority of implants show post-operative complications and / or non-integration. Late failures occur due to occlusal overload and / or peri-implantitis (infectious process). The latter is caused by periodontopathogens. Most of these pathogenic species colonize the peri-implant pocket shortly (within hours) after implant insertion. Only when their number reaches a certain threshold level (patient dependent) bone loss will occur. Bone loss depends on the dental status as well as on the roughness of the implant surface.