



Lecture Abstract

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Main implantological topics:

- Peri-implant inflammation

Professional skills:

- Periodontology and implantology
- Graduate Periodontics Master Program

The interrelationship between periimplantitis and systemically compromised patients

Do dental implants have a shorter lifespan when placed in compromised patients? If so, in an event of periimplantitis, does it act as a source of oral inflammation? While the relationship between periodontal health and systemic disease has been established with increasing reliability, the potential influence of periimplantitis on systemic disease and vice-versa has only recently been brought to light. Hence, despite there is some evidence that implant survival can be decreased in certain systemically compromised patients, there is no evidence to prove that an inflammatory disease surrounding implants predisposes patients to certain systemic illnesses including cardiovascular diseases (CVD), while also exacerbating other systemic conditions such as diabetes. However, when the periimplant inflammation is considered in an interdisciplinary way, it becomes clearer that the load of inflammatory cytokines released by periimplant lesions on the body should somehow affect the other system like the cardiovascular (CDV) or endocrino (Diabetes). Thus, the aim of this presentation is to bring up the influence of systemic conditions on implant survival / success as well as the possible impact of periimplantitis on systemic conditions.