Peri-implantitis
New insights

Peri-implantitis
Inflammation affecting the soft tissue and bone around dental implants.
It can lead to implant loss if not treated.

Healthy tissue

Peri-implantation

Contributing factors

Healthy periodontium

Periodontal therapy

Limited oral hygiene

Number of implants

Study overview

Swedish Social Insurance Agency, Stockholm

~25,000 implant patients in 2003

427 patients randomly selected

9 years 3 systems after treatment patients were retrospectively analyzed for peri-implantitis

Represented over 90% of the implants

Result

The probability of being diagnosed with peri-implantitis 9 years after implant therapy was lowest with the Straumann TL SLA implants.

Conclusion

The findings in this study are extremely relevant for dentists and patients who base their choice of implant on independent clinical evidence. These results add weight to previous reported findings showing high success rates with Straumann implants.


2 98.3% of Nobel Biocare Implants had a TiUnite® surface, 96.6% of Astra Tech implants had a TiOblast® surface, all Straumann TL implants had a SLA® surface.

3 Moderate/Severe peri-implantitis defined as bleeding on probing (BoP)/suppuration (SUP) and bone loss > 2mm.


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(Adapted from Derks et al. 1)