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-implantitis

Contributing factors

History of periodontitis

Limited oral hygiene

Prosthodontic therapy

Result

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.4-6

Study overview

The 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 implants2

32.6% 39.4% 9.4% 18.4%

Nobel Biocare

Straumann

Tissue Level SLA implant

Others

The probability of being diagnosed with peri-implantitis3 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.4-6


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)

Implants (≥ 4) used by specialist in patients with no periodontitis (Adapted from Derks et al. 1)