Large Retrospective Study Reports No Implant Loss in More Than 600 Thommen Medical Implants

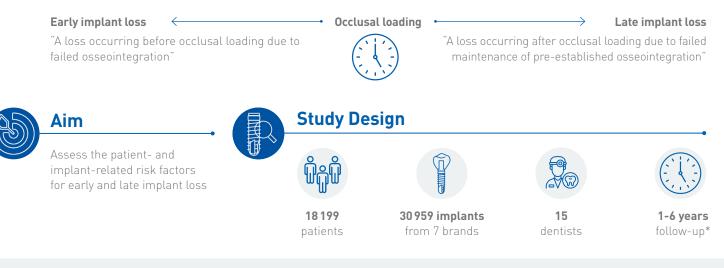


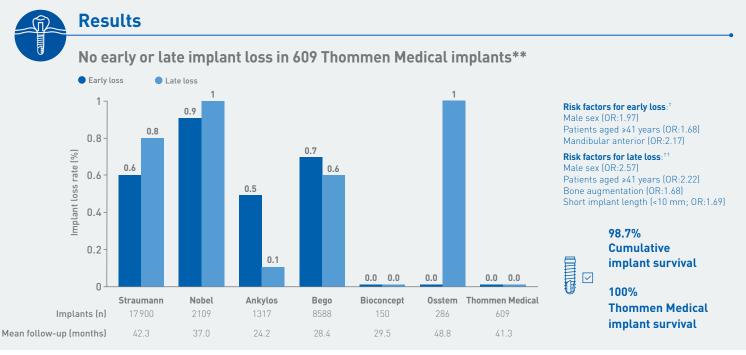
Lin G et al, J Clin Periodontol. 2018;45:733-43



Background

Long-term studies have shown improved implant survival rates since the 1980s. However, implant failures are still not completely avoidable.





Key Takeaways

This retrospective study on more than 30 000 implants from 7 different brands demonstrates a favorable 100% implant survival rate for Thommen Medical implants.[‡] The authors identify patient age, male sex, mandibular anterior implant location, bone augmentation, and short implant length as general risk factors for implant loss.

*In cases where bone grafting was performed, patients were recalled for restoration after 6 months. Patients who did not require grafting were recalled for restoration after 3 months **An implant was considered a loss if presented signs and symptoms led to implant removal 'Male patients (p < 0.01), age of the patient at the time of surgery (patients aged <40 years as the reference category; 41–60 years, p<0.01; >61 years, p < 0.01), OR value presented for 41–60 years category, and mandibular anterior (mandibular posterior as the reference category, p < 0.01), age of the patient at the time of surgery (patients aged <40 years as the reference category; 41–60 years, p < 0.01, OR value presented for 41–60 years, p < 0.01), age of the patient at the time of surgery (patients aged <40 years as the reference category; 41–60 years, p < 0.01; 0, OR value presented for 41–60 years, p < 0.01), and implant length (regular as the reference category; short <10 mm, p < 0.01) 'Statistical tests revealed no significant correlation between implant brands and implant loss.