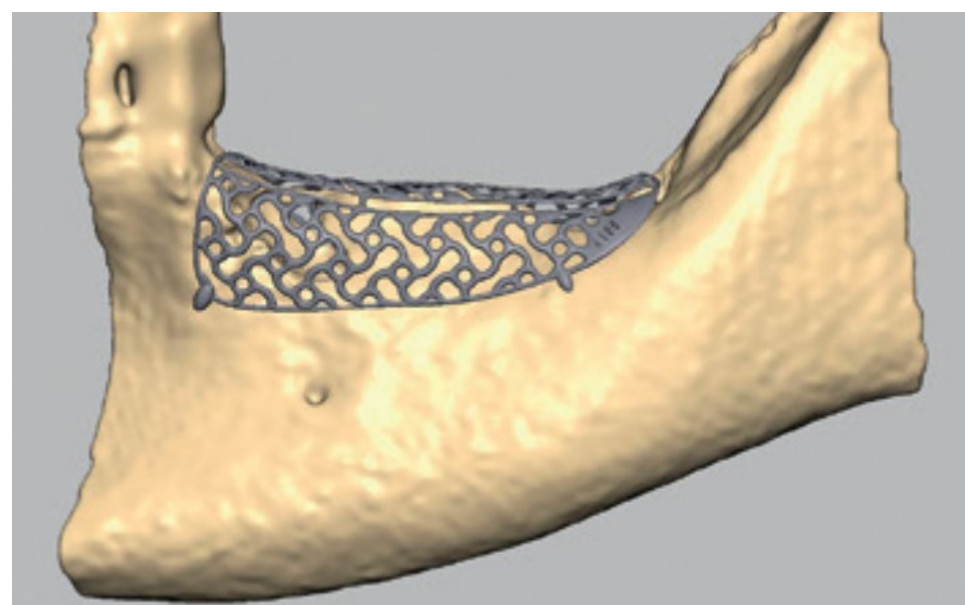


## Major Bone Augmentation

5-year results of complex bone augmentation procedures with Yxoss CBR® show high implant survival rate and stable bone



Evaluated Criteria	Results
Implant Survival rate	97%
Average Marginal Bone Loss (MBL)	Mesial: $0.13 \pm 1.84$ mm Distal: $-0.13 \pm 1.73$ mm
Marginal bone loss for patient with periodontitis	Mesial: $-1.57 \pm 2.96$ mm Distal: $-1.67 \pm 2.86$ mm
Marginal bone loss for patients without Periodontitis	Mesial: $0.55 \pm 1.17$ mm Distal: $0.25 \pm 1.10$ mm

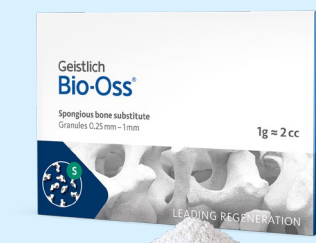
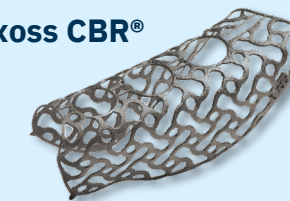
## Key Message

Yxoss CBR® resulted in high implant survival rate and stabilized augmented marginal bone after follow-up of minimum 5 years. Periodontitis seems to play a major role for long-term stability indicated by BOP and suppuration.

### Study results

- After 5.7 years the implant survival rate was 97%, with one implant loss in the lower jaw
- Marginal bone loss was mesial  $0.13 \pm 1.84$  mm and distal  $-0.13 \pm 1.73$  mm, with higher values in periodontitis patients
- The lower jaw showed significant higher values marginal bone levels mesial when compared to the upper jaw
- Smoking and gender were not significantly associated with marginal bone level

Yxoss CBR®



Single-center, prospective clinical trial



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5.7 years



Evaluate implant survival in customized bone regeneration using a patient-specific titanium mesh

