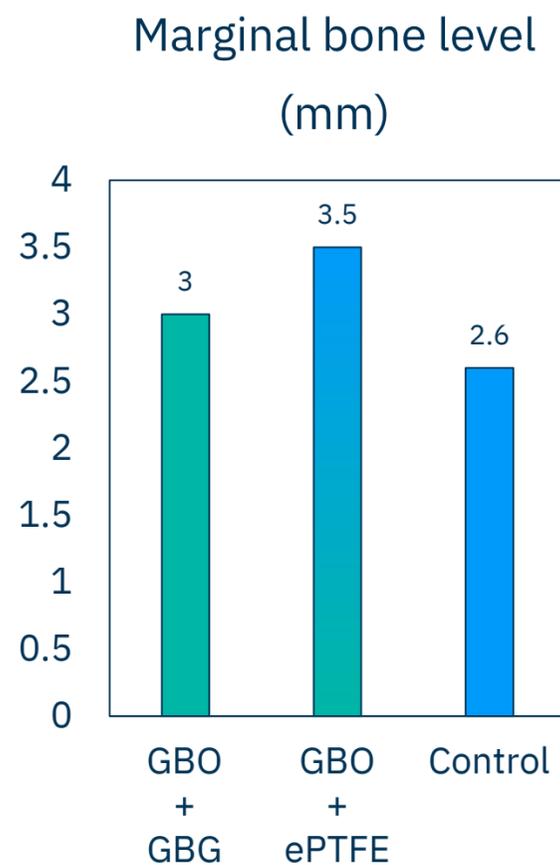
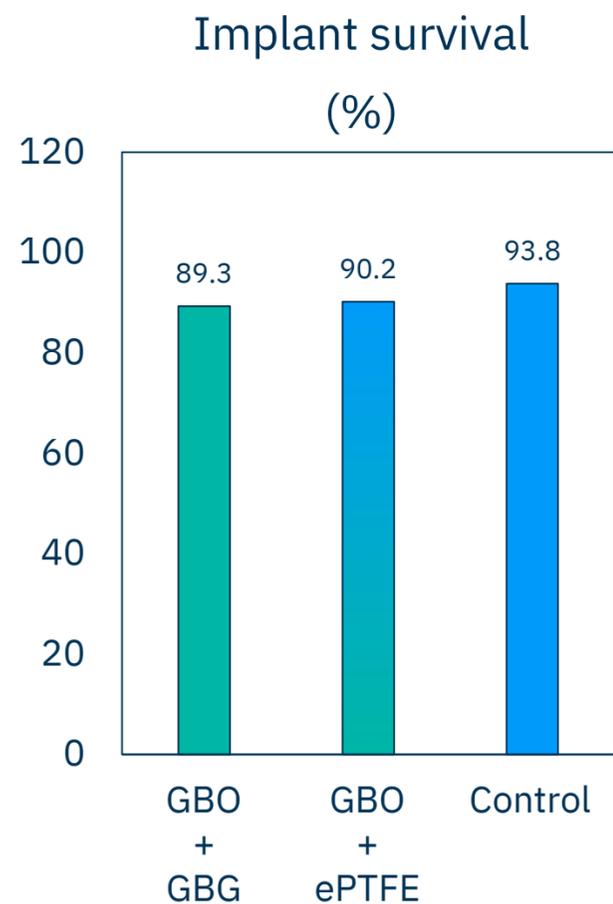
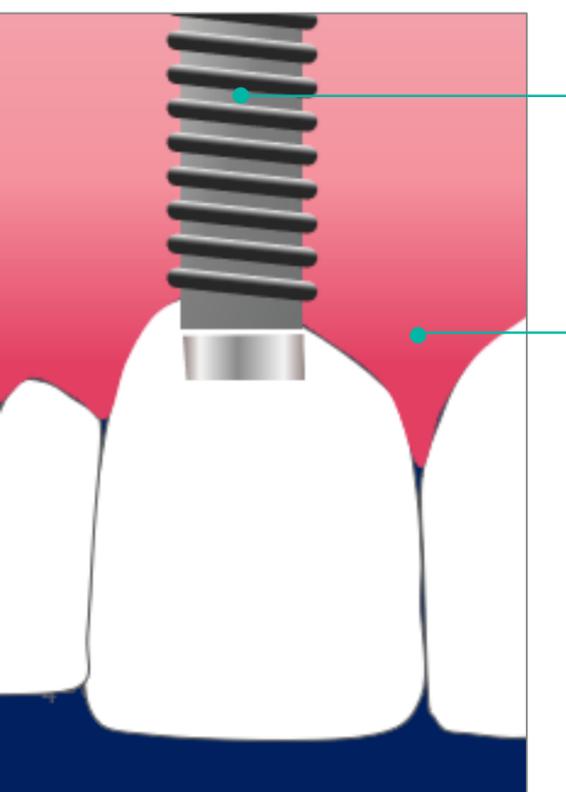


Minor Bone Augmentation

No significant differences between implants placed into augmented vs pristine bone after 22-24 years



not statistically significant



Key Message

Implants placed with Guided Bone Regeneration had similar long-term survival rates to those in pristine bone, with high patient satisfaction, though smoking was found to reduce survival.

Study results

- After 23.5 years, the survival rate of implants placed with GBR (with Geistlich Bio-Oss® and either Geistlich Bio-Gide® or ePTFE membrane) were as favorable as of implants placed into pristine bone in sites that did not require further regenerative therapies
- Smoking affected implant survival negatively, while early complications with GBR application had no effect on the measured parameters
- Mean patient satisfaction with implant prosthesis was 97.5%



Randomized clinical trial



39
147
implants



22-24 years



Performance of implants placed with simultaneous GBR with Geistlich Bio-Oss® and either Geistlich Bio-Gide® or ePTFE membrane versus into pristine bone (no augmentation required)