

Major Bone Augmentation

3-year results show that Yxoss CBR[®] is a predictable technique for bone gain in advanced defects

No implant failure during the control period



After 6 months

↑ **Vertical bone gain**
2.75 mm (average)

→ **Horizontal bone gain**
5.2 mm (average)

3 cases of small re-augmentation during implant placement

After 3 years

No implant failed

No sign of bone resorption or soft-tissue dehiscence around implants

> 2 mm keratinized tissue

Key Message

Customized titanium meshes were easier to handle and resulted in better outcomes than PTFE membranes, significantly increasing the average dental crest width after healing.

Study results

- Customized titanium meshes presented a more advantageous alternative to PTFE membranes because of easier handling
- Better regenerative outcomes if soft-tissue perforation occurred when compared to the same complications with PTFE material
- Average crest width increased from 3.75 mm before augmentation to 8.9 mm after the healing period

Yxoss CBR[®]



Case series



6



3 years



Define surgical aspects of using Yxoss CBR[®] and get data on bone gain & long-term stability

