

Scheyer et al., 2016



10 Study Sites



40
Patients



6 Month
Follow-up



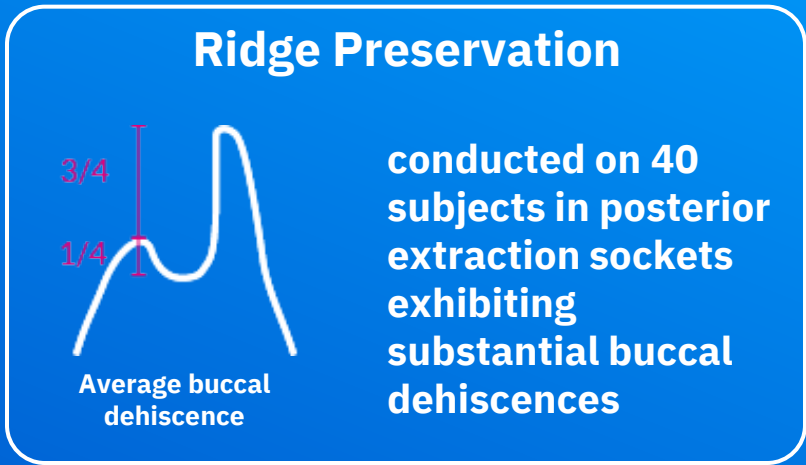
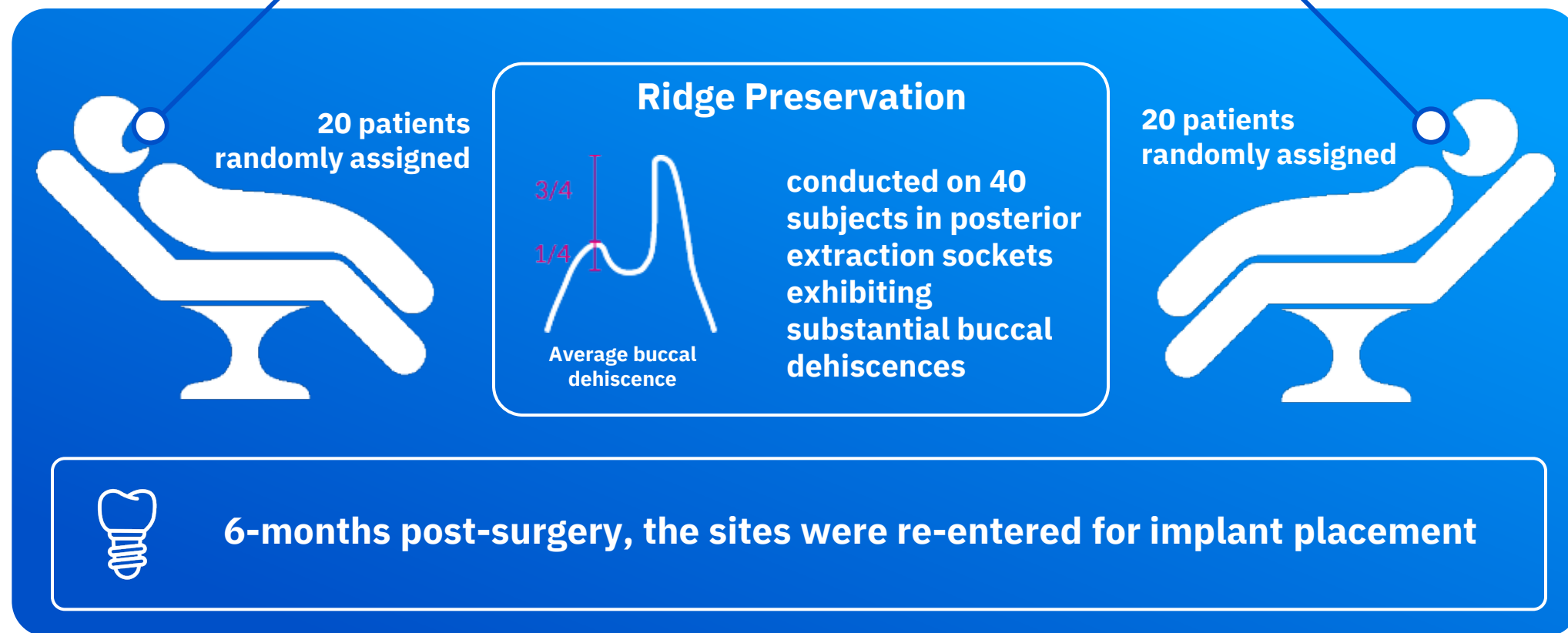
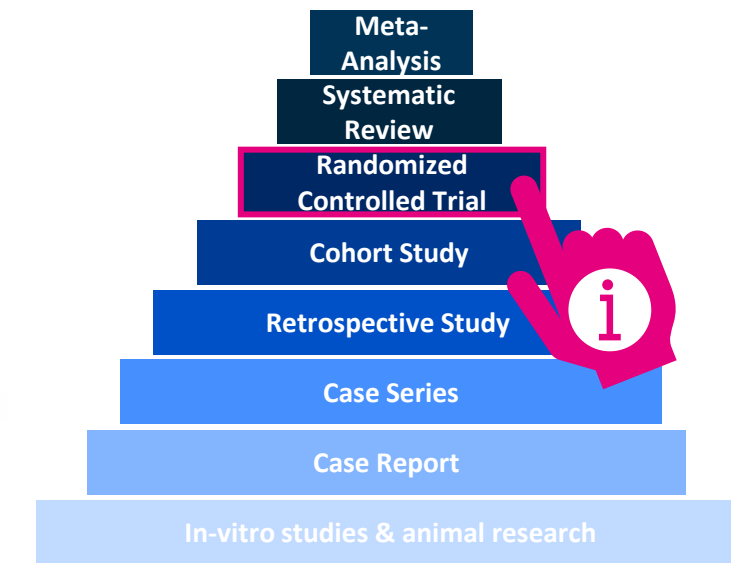
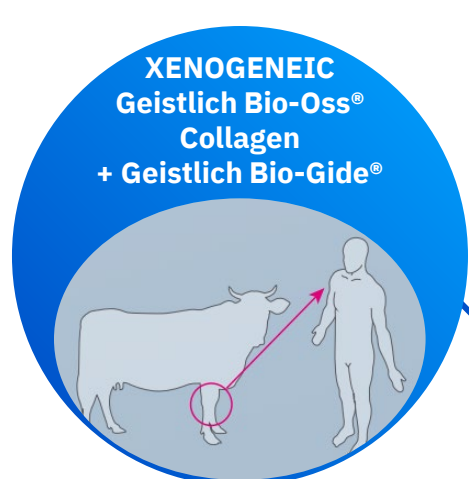
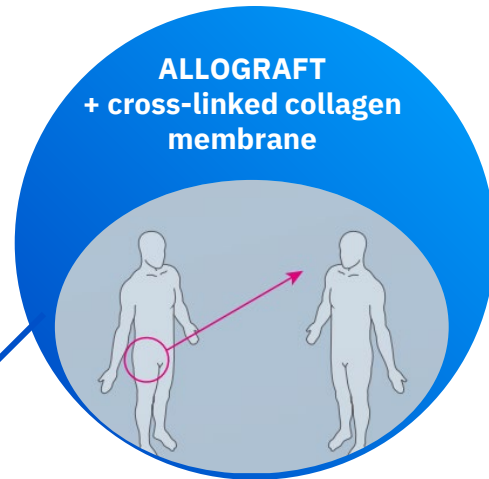
DISCLAIMER

The following page contain summaries of data published by Scheyer et al. 2016 as interpreted by Geistlich. Although we try to reflect to the best of our knowledge the results and conclusions of the cited studies, errors cannot be excluded. We explicitly emphasize that the authors of the cited study cannot be held responsible for the content of the summaries.



Is Ridge Preservation with Geistlich biomaterials superior to Ridge Preservation with other materials?

Randomized clinical study set-up



- 10 independent examiners in 10 centers evaluated:
- Vertical and horizontal changes of the ridge profile
 - Wound closure and soft tissue inflammation
 - Biopsies for histomorphometric analysis at 6 months



Is Ridge Preservation with Geistlich biomaterials superior to Ridge Preservation with other materials?

Geistlich

Yes, it does > Key Findings of Scheyer et al:

ALLOGRAFT + cross-linked collagen membrane vs **XENOGENEIC Geistlich Bio-Oss® Collagen + Geistlich Bio-Gide®**

BONE FORMATION

Socket dimensions recorded at **6 months**

Geistlich Bio-Oss® Collagen & Geistlich Bio-Gide® provided **35% MORE** horizontal bone.

Better Ridge Preservation

SOFT-TISSUE HEALING

Measured at **1 Week**

Geistlich Bio-Oss® Collagen & Geistlich Bio-Gide® provided better soft tissue healing and lower inflammation.

Improved soft tissue healing

IMPLANT PLACEMENT

18/21 implants vs 19/19 implants

100% ALL implants could be placed without regrafting at implant placement

100% implants without regrafting

14% implants could NOT be placed without 2nd regrafting

For Dentists

Dentists can rely on predictable bone volume and excellent soft tissue healing, mostly allowing successful implant placement. It offers more options for esthetic prosthetics and flexible timing.

For Patients

Significantly reduced need for further augmentation at the implant placement leads to fewer procedures and more options for esthetic prosthetics and flexible timing.

Benefits

Conclusion

Ridge Preservation with Geistlich Bio-Oss® Collagen and Geistlich Bio-Gide®:

- Provided more horizontal bone
- Better soft tissue healing
- Eliminated the need for regrafting in comparison to allograft & cross-linked collagen membrane.

Conclusion



“The superior horizontal ridge augmentation gain was pretty impressive for the xenogeneic bone graft group.”

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