

Tavelli et al., 2025



Academia



30
Patients



3 Year
Follow-up



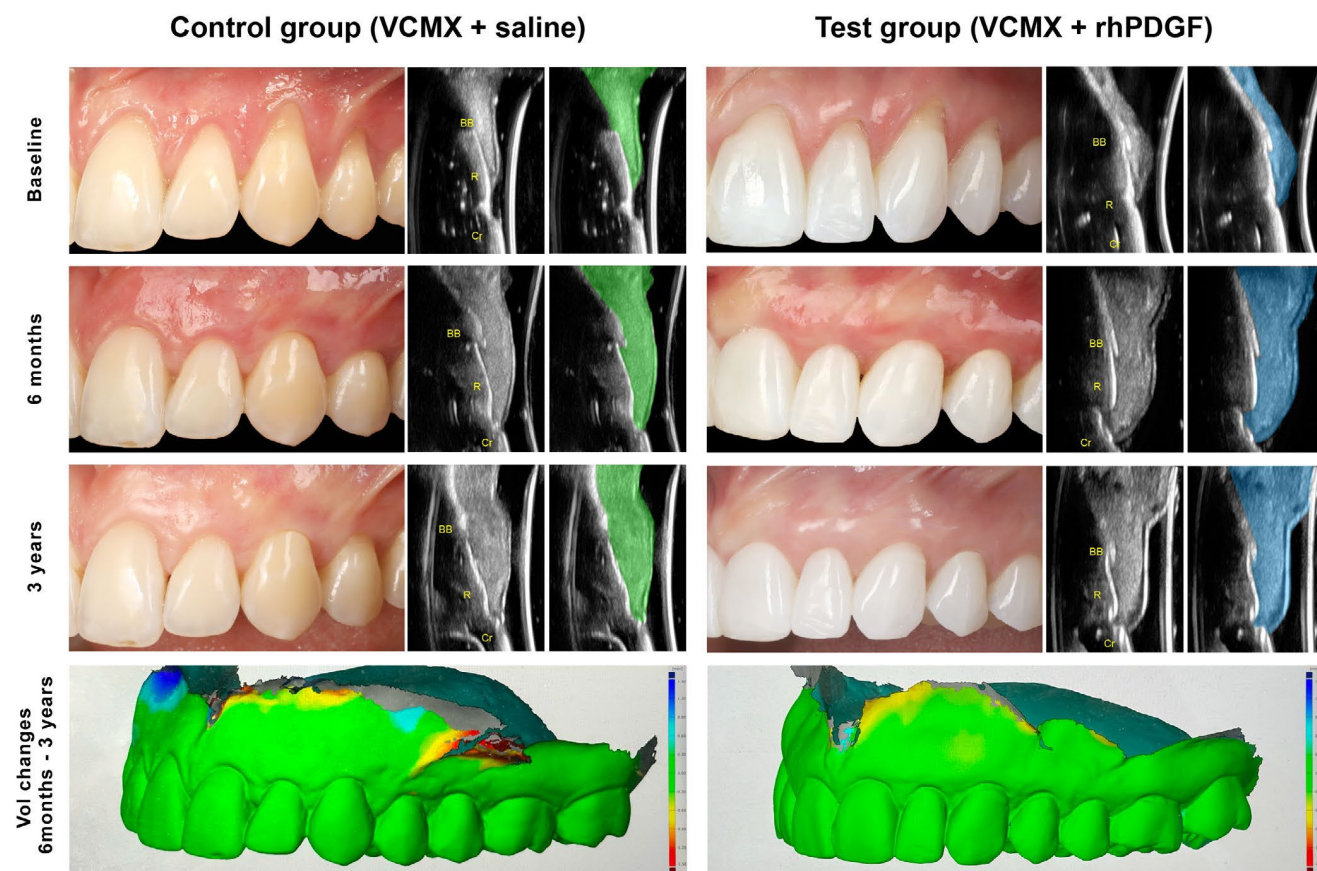
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The following page contain summaries of data published by Tavelli et al., 2025 as interpreted by Geistlich. Although we try to reflect to the best of our knowledge the results and conclusions of the cited studies, errors cannot be excluded. We explicitly emphasize that the authors of the cited study cannot be held responsible for the content of the summaries.

Soft Tissue Regeneration

Stability of Root Coverage with Geistlich Fibro-Gide® (with and without rhPDGF-BB)

Clinical, Ultrasonographic & Volumetric Outcomes at 6 Months & 3 Years Post-Intervention



Key Message

These findings support Geistlich Fibro-Gide® ± rhPDGF-BB as viable alternatives to autografts for soft tissue augmentation. Early tissue perfusion and biomarker improvements with rhPDGF-BB suggest benefits for healing and stability.

Study results

- **Superior Early Outcomes:** At 6 months, rhPDGF-BB + Fibro-Gide® yields greater root coverage, improved gingival thickness and higher esthetic scores vs Fibro-Gide® + saline.
- **Stable Long-Term Results:** Both groups maintained root coverage and stability with minimal recession over 3 years.
- **Greater Gingival Thickness:** At 3 years, the rhPDGF-BB group demonstrated significantly greater gingival thickness and trends toward improved volumetric stability compared with the control group.
- **Esthetics & Patient Satisfaction:** rhPDGF-BB improves esthetics and satisfaction early; both groups show lasting benefits vs baseline.



Level-1: Triple-Blind RCT



30 Patients



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3 Years



To assess the stability of the root coverage outcomes over 3 years following treatment with coronally advanced flap and Geistlich Fibro-Gide®, soaked with either with recombinant human platelet-derived growth factor-BB (rhPDGF, test group) or saline (control group).

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