Shaikh et al., 2023

11 cases

10 patients

4 months

DISCLAIMER

The following pages contain summaries of data published by Shaikh et al., 2023 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.

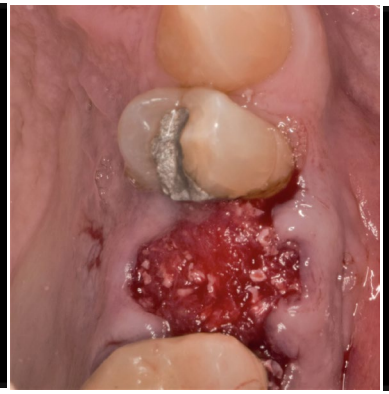
Extraction Socket Management – Ridge Preservation

Mixing Allograft and Xenograft for a Predictable Alveolar Ridge Preservation Procedure: A Case Series

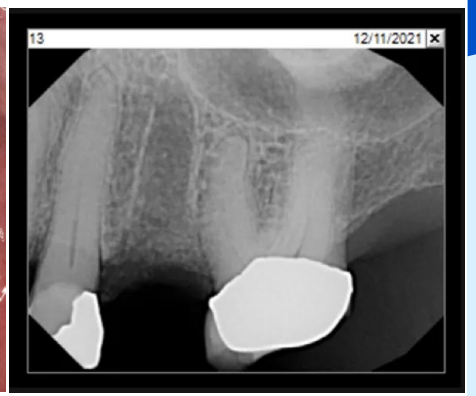
Representative Case – Depicting Both ARP and Implant Placement

Tooth No. 13 pre-extraction

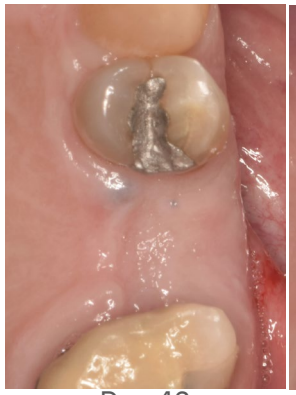
Periapical radiograph, immediate post-extraction



Surgical site No. 13 immediate post-extraction and ARP



Periapical radiograph, socket after bone grafting of site No. 13



Day 42 postoperative

Surgical site (No. 13) 6 months after healing

Periapical radiograph, surgical site (No. 13) 6 months after extraction and ARP

Final radiograph taken at delivery of restoration (216 days)

Shaikh S et al., Compend Contin Educ Dent 2023 Oct;44(9) Read Now

Key Message

A combination of allogenic bone granules or fibers (vallos® allografts) and xenogeneic bone granules or blocks (Geistlich Bio-Oss® or Geistlich Bio-Oss® Collagen) can yield predictable outcomes in terms of both clinical and radiographic measures in Alveolar Ridge Preservation.

Study results

- Combining allografts (vallos®) and xenografts (Geistlich Bio-Oss®/Bio-Oss® Collagen) leads to predictable clinical and radiographic outcomes in Alveolar Ridge Preservation (ARP)
- Leveraging the osteoinductive properties of allografts and the osteoconductive benefits of xenografts enhances ARP success.
- Complete radiographic bone fill was achieved in all cases within 120 days, eliminating the need for additional augmentation at implant placement.

Case Series

10 Patient
11 Cases

Private Practice

4 Months

This case report aimed to highlight the clinical and radiographic outcomes of an allograft and xenograft approach for a predictable Alveolar Ridge Preservation procedure