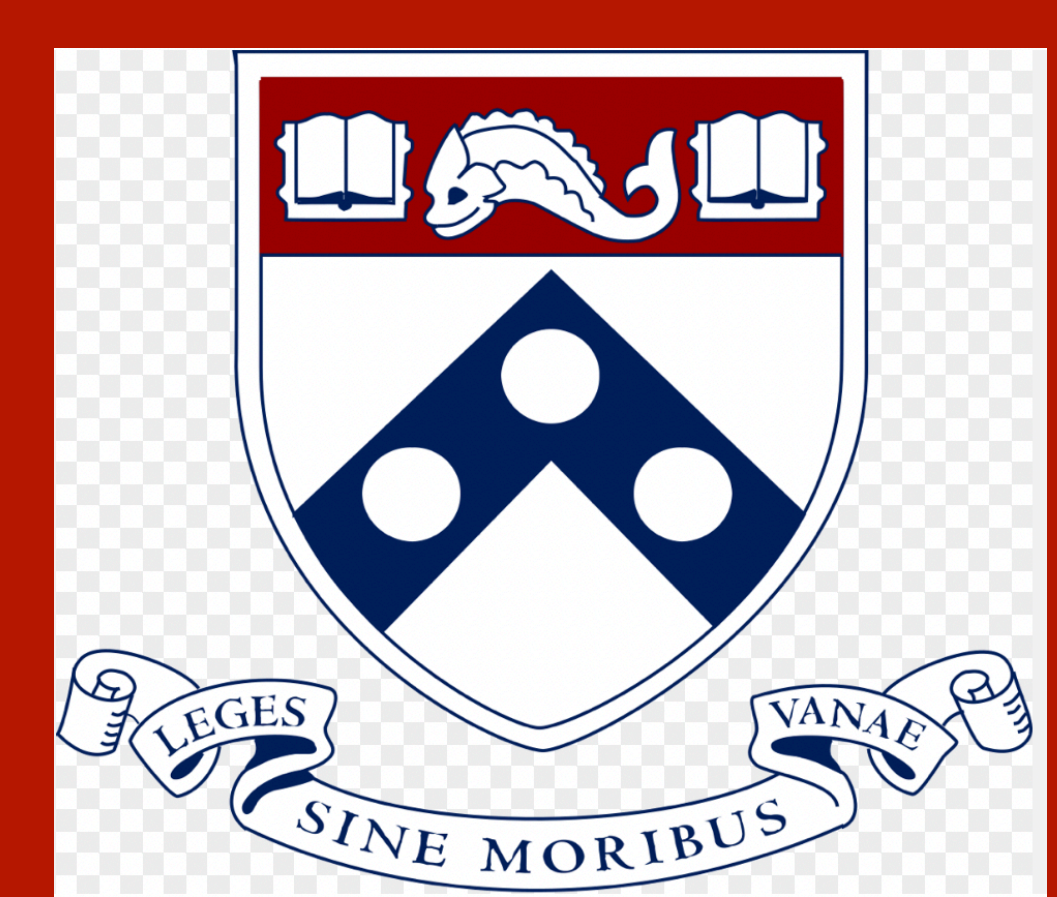




Treatment of Multiple Maxillary Recession Defects via Vestibular Incision Subperiosteal Tunneling Access (VISTA) and Acellular Dermal Matrix . - A Case Report

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Introduction

A variety of root coverage techniques have been described with the subepithelial connective tissue graft considered to be the "gold standard". As an alternative to connective tissue grafts , acellular dermal allografts have been suggested.

Background

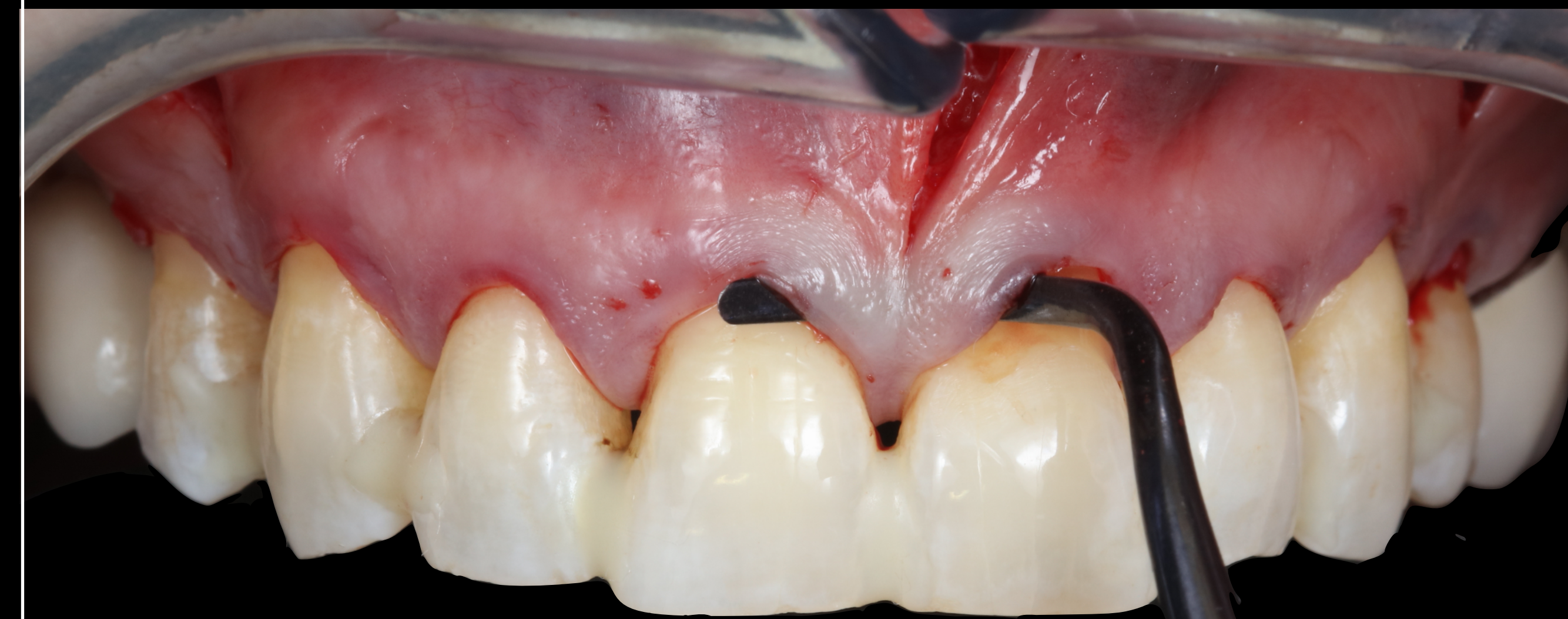
Acellular dermal matrix is human material obtained by tissue banks and goes under process to remove the donor cells while maintaining the natural collagen matrix. ADM acts as a scaffold for revascularization and repopulation of endothelial cells and fibroblasts in the connective tissue .

Case presentation

48 yo female patient sytemically healthy was presented with generalized recessions.



Surgical procedure



A. Vestibular access incisions were performed in the frenum region and premolars bilaterally allowing for access to create a subperiosteal tunnel.



B. The matrix was trimmed and hydrated and then passed through the tunnel.



C. Double crossed suture technique was used around the inter proximal composites to advance and stabilize the gingival complex along with the dermal matrix in a coronal position.

1 year follow up



Conclusions

- This minimally traumatic approach yielded excellent access for placement of the graft and flap mobility for coronal advancement of the gingival margins .
- ADM demonstrated significant root coverage while minimizing patient's morbidity .



Dr Marianthi Papaioannou