

## Minimizing Alveolar Resorption Following Extraction



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### Course Content:

Tooth extraction can result in varying degrees of alveolar ridge resorption. Reducing alveolar bone resorption through ridge preservation techniques at the time of extraction has demonstrated promising outcomes. Alveolar ridge preservation utilizing membranes and bone grafts is a reliable approach to mitigating alveolar ridge resorption after tooth extraction. Employing a d-PTFE membrane as an open occlusive barrier can prevent epithelial down growth and promote bone regeneration.

When using a d-PTFE membrane in an open technique, it is crucial to keep the membrane margin covered to prevent bone graft infection during the early stages. This technique eliminates the need for mucogingival junction translocation or soft tissue grafting during implant placement.

### Learning Objectives:

Understand the consequences of tooth extraction.

Utilize d-PTFE membrane in an open membrane technique.

Learn surgical techniques to prevent early exposure of the membrane.

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