

ABSTRACT

Treatment of partial or complete edentulism by placement of endosseous implants have become a more predictable treatment option. To facilitate satisfactory implant osseointegration, adequate good quality and quantity of bone is mandatory. But in many cases, bone volume might be compromised due to most common reasons like buccal plate dehiscence and fenestration and long term non replacement of the lost tooth that eventually results in alveolar ridge resorption. This lack of sufficient bone volume, if unresolved, is detrimental to implant success and survival. Reconstruction of alveolar bone width through variety of regenerative procedures have become more predictable and may be needed prior to or during the placement of implants to provide long term prognosis. Lateral Ridge augmentation idealizes implant placement for the reception of prosthetic restorations, improved aesthetics, and optimal function. Lateral Ridge augmentation techniques include Particulate bone grafting, Monocortical bone block, subperiosteal tunnel grafting and ridge splitting/ ridge expansion.

This comprehensive review of lateral ridge augmentation provides a board overview of all the different regenerative surgical interventions to increase the width of the alveolar ridge with particular emphasis on the available scientific evidence for each technique.

For HoD,
B. Prathy
31/12/2020

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ABSTRACT FORM

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Implants

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(Maximum of 3 authors for Paper / e-Poster presentation from 3 different Specialties.)

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