

THE EFFECT OF DIFFERENT FLAP TECHNIQUES ON BONE CHANGES IN SPLIT CREST RIDGES WITH SIMULTANEOUS IMPLANT PLACEMENT

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Abstract

Statement of problem:-The maxillary ridge split treatment options, which include different flap techniques with simultaneous implant placement, may help eliminate the current undetermined best choice of treatment plan. Purpose:- The aim of this systematic review was to evaluate outcome of simultaneous implants placement in alveolar ridge split carried out by different flap approaches on marginal bone changes and survival rate. Materials and Methods:- English publications on the subject were searched to select articles up to December 2015. Articles in peer-reviewed journals were searched in an electronic database (MEDLINE, Pub- Med and Cochran). Also, a manual search studies on humans was carried out. Two independent reviewers screened 855 papers. Result:- 843 articles were excluded on the basis of the title and abstract. Full-text articles were obtained for the 12 selected publications. The 12 full texts were assessed by the two reviewers and 3 studies were found fitting for inclusion. Conclusion:- The limited data indicates that the flap design does not affect bone changes and survival rate in ridge split procedure with simultaneous implant placement.

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