

# Preprosthetic modifications of dentition and jaws.

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Last update: Tuesday, 26 Apr 2016 at 7.15 pm.

The diagnostic impression is made to determine if pre prosthetic modification/surgery is required. Objectives of pre-prosthetic surgery is to form a stable denture base by eliminating bony protuberances which can interfere with seating of prosthesis. An ideal denture base should anterior-posteriorly be broad U shaped, and vertically retain as parallel form as possible.

Ridge correction, depth of ridge and ridge augmentation

Correction of ridge procedures: Hard tissue (alveoplasty, palatal/lingual tori, maxillary tuberosity, knife edged alveolar ridge) Soft tissue: frenectomy, hyperplastic flabby ridge, excision of denture induced granuloma, fibrous tuberosities Alveoloplasty: indicated when there multiple extraction of teeth and compression of lateral walls. Periosteal layer can be left attached which will reduce later ridge resorption, as can the muscle attachment.

correction of depth of ridge: vestibuloplasty Bone augmentation: overlay, Guided bone regeneration