

Special Article - Prosthodontics

Attachment Retained Overdenture on Mandibular Canines

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Clinical Image

Overdenture as part of treatment modality for persons with periodontally uncompromised remaining natural teeth has long been advocated with or without the use of attachment. Healthy roots of the intact dentition provide improved retention, stability and support in addition to proprioceptive stimulus and economic and psychological benefits. The choice of attachment for the overdenture is determined by distance and number or location of the remaining natural teeth; however the discretion of the Prosthodontist at times based on his clinical experience is best suited. Patient cooperation is mandatory in terms of hygiene maintenance for its long term success. The mandibular canines are endodontically treated and obturated leaving one-third space in the cervical portion of the root for the attachment. The uni-anchor attachment is placed in the radicular space after removal of the gutta-percha from the root leaving one-fourth of the material in the apical portion, for the placement of the stud attachment within the root surface. GIC is used to lute the attachments with fit and parallelism for limiting the path of insertion and removal of the removable prosthesis.



Figure 1:



Figure 2: