

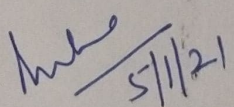
MULTIFACETED APPROACH FOR COMPREHENSIVE RESTORATION OF SHORT CLINICAL CROWN

ABSTRACT

Biologic, aesthetic and prosthetic restoration of clinical crowns of teeth with inadequate dimensions presents as a challenge for the clinician. Most of the times before an acceptable restoration is accomplished various interventions may be required. The principal problem associated with a short clinical crown is the retention of the restoration within the limited vertical space available. Difficulties associated with short clinical crowns may involve single or multiple teeth. Causes of short clinical crowns on single teeth may be trauma, dental caries, over eruption of opposing tooth, replacement crowns, iatrogenic errors like excess tooth reduction. Short clinical crowns on multiple teeth may be associated with uncontrolled tooth wear due to para functional habits such as bruxism and attrition. Parafunctional activities cause high occlusal forces, which results in loss of tooth material and further reduce crown height. Successful management requires an understanding of prosthetic, aesthetic, periodontal parameters. A comprehensive and sequential treatment plan is needed to overcome the complications presented by short clinical crown. Clinical, radiographic examination and diagnostic cast analysis is essential for successful rehabilitation of short clinical crown. The interventions may include surgical crown lengthening, core build up, cad cam restoration like endocrown. The purpose of this poster presentation is to summarize the various options available for restoring short clinical crowns. Interdisciplinary approach is the way forward for restoring teeth with short clinical crown.

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