

Post and Core Dental Restoration of Teeth

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Introduction

A post and core crown is a kind of dental rebuilding required where there is an insufficient measure of sound tooth tissue staying to hold a regular crown. A post is established into a pre-arranged root channel, which holds a center rebuilding, which holds the last crown.

The job of the post is initially to hold a center rebuilding and crown, and furthermore to reallocate pushes down onto the root, accordingly decreasing the danger of coronal break. The post doesn't assume any part in building up or supporting the tooth and can indeed make it bound to crack at the root.

When choosing whether or not a tooth requires a post and center crown as opposed to a traditional crown, the accompanying should be set up:

- Presence of a sufficient ferrule (coronal tooth structure)
- Adequate length of waterway to hold a post
- Bend and generally life structures of root channel framework
- Adequate root (radicular) dentine thickness for post arrangement
- Restorability of tooth

The advantage of putting a post into a root waterway is improved maintenance of the crown. Nonetheless, there are likewise detriments, during the groundwork for the post space there is a danger of hole, a post can likewise make a tooth bound to break, it makes future orthograde root trench treatment significantly more troublesome

lastly it is extremely dangerous and requires unnecessary evacuation of tooth tissue. The presence of ferrule can build the crack obstruction of the post.

Posts are more ordinarily needed for foremost teeth instead of back teeth. The essential justification this is that multi-established teeth have a huge mash chamber which can be used for maintenance of the center and thusly the crown, though foremost teeth are a lot more modest and less retentive.

At the point when it is absurd to expect to hold a center on a back tooth and a post is required, close to one post ought to be utilized per tooth, and this ought to be put in the biggest channel accessible. This is on the grounds that more than one groundwork for a post will include over the top dentine expulsion and increment the crack danger. A superior option in contrast to posts on a back tooth is center rebuilding which reaches out down into the passageway of the root channel through the Nayyar method utilizing a blend dowel-center. In this method, maintenance for the mixture center is gotten from the leftover mash chamber.

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