Temporary Crown Construction

Check for easy placement and removal of the sectional silicone impression over the preparation

Using a scalpel, remove any excess putty that interferes with proper index placement.

Dry the preparation site with a 3in1

If lab made temporary crown(s) are previously requested, reline with temporary acrylic material (poly-ethyl methacrylate) for a more accurate fit. This is a polymer/monomer preparation.

Fill the prepared tooth in the putty index with temporary crown/onlay material and place it over the preparation

Place some material on the back of your glove to monitor the setting process

Bis-acryl composite or poly-n-butyl methacrylate.

After initial set, remove the impression and allow it to cure fully out of the mouth

Use the thickness of the temporary crown/onlay as an indicator of adequate tooth reduction

If the temporary crown/onlay has voids, is too thin or slightly translucent, then assess the cause. Either it is an error during the construction stage or due to insufficient reduction at the preparation stage, in which case further reduction is indicated.

Use burs and discs to remove excess temporary crown/onlay material, smooth and polish it with soflex discs

Bis-acryl composite affects the setting of silicone so make sure the preparation has been cleaned with alcohol prior to taking impressions.

Temporary crown is cemented after final impression of the preparation is taken

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