

Clinical Protocol

Crown Under Partial

*The following techniques are only applicable to monolithic zirconia crowns. For PFM crown under partial, pick-up the partial in a PVS impression or impress the clasps using the Blu-Mousse technique.

Conventional

Step 1

Without the partial in place, take a pre-op impression of the tooth to be crowned, or send a study model.

Step 2

Prep the tooth and take a master impression, without the partial in place.

Step 3

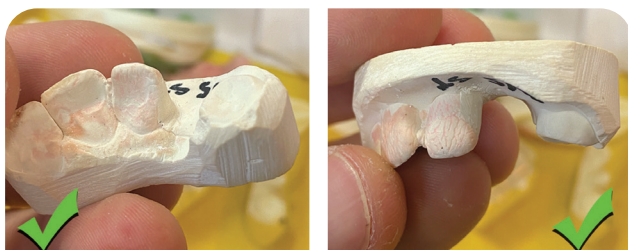
Send both impressions, bite, and opposing to lab to process. The patient can keep their existing partial.

Step 4

Oral Arts technicians will scan the pre-op and working model and mesh both scans to design and mill your patient's crown based on the shape of the pre-op.



Check impressions for pulls and drags before sending to the lab



A clear impression will result in an accurate fitting crown under partial

Digital

Step 1

Without partial in place, capture digital scan of tooth to be crowned prior to prepping the tooth. Dual cord packing with good retraction is recommended.

Step 2

Prep tooth and take next step of digital impression capturing prep, opposing, and bite accurately, without partial in place. A separate scan can be submitted if necessary, but please make a note on the digital RX so we can easily combine the two scans.

Step 3

Submit digital file to Oral Arts for processing.

Step 4

Oral Arts technicians will review and process your scan, marking the margins and digitally cleaning up as needed. With a good digital scan, this will result in an accurate fitting crown under partial.

