

General Techniques for TCS Flexible Partial

Preparation for Adding Teeth:

The laboratory will utilize either a welding technique or an injection technique.

- Be sure the partial is free of any pastes or adhesives before taking the impression.
- An alginate impression is taken with the partial in the mouth.
- Remove the impression from the mouth with the partial in the impression.
- Be sure the partial is fully seated in the impression material.
- Immediately pour the model with regular yellow stone.
- Forward to the laboratory with instructions.

Preparation for Rebase:

The laboratory will register the position of the teeth with a plaster matrix and remove the base. A new base will be waxed up and reprocessed using the existing teeth.

In most cases where an overall rebase is needed, the case is jumped into a new base.

- A rubber base impression is taken under the TCS partial in a closed-mouth condition.
- The patient closes his/her mouth gently to ensure correct occlusion as the rubber base is setting.
- Once the rubber base material has set, an alginate impression is taken and the impression is removed from the mouth with the partial and the rubber base in place.
- Carefully examine the partial to assure that it is positioned correctly in the alginate material.
- Immediately pour the model with regular yellow stone.
- DO NOT separate the partial from the stone model.
- Forward to the laboratory with instructions.

Note: Use the hot water treatment for re-insertion.

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Impression Techniques:

One of the many benefits of TCS restorations is that little-to-no tooth preparation is needed. The laboratory only needs a good alginate impression (poured promptly), a counter model and the bite registration.

TCS recommends a lightweight alginate material for impression taking, however, irreversible hydrocolloid, polyvinyl siloxane and polyether impressions are also suitable.

- An accurate impression is the first step and is key to the success of a TCS partial. If an alginate impression is taken, promptly pour it up using lab stone. Then take a counter-impression and a bite registration.
- Examine the impression. The impression should have all the anatomical details for a successful TCS partial. Also check for voids and air bubbles.

Proper care:

TCS appliances are very easy to care for. In order to keep them looking and feeling like new, please have your patients follow these simple recommendations:

- Continue to brush natural teeth and gums as directed.
- Clean the appliance daily. Rinse under warm running water for approximately 10-30 seconds to remove any food particles.
- Brush appliance with a soft denture brush using water only. Rinse again.
- Place appliance in a denture cleaner for at least 15 minutes daily. We recommend TCS Concentrated Dental Appliance Cleaner.
- When possible, keep appliance in water or a denture solution when not wearing it.

DO NOT use bleach, toothpaste, or similar cleaning products, these may scratch or discolor the surface of the appliance.



Please provide the patient with the Patient Care Instructions along with the 1-week supply sample of TCS Concentrated Dental Appliance Cleaner. (US & Canada only)