

Prosthetic Repair Impression Guide

Rebasing/Relining

Rebasing

Process of refitting a denture by replacing the denture base material without changing teeth or occlusal relation of the teeth.

Relining

Procedure used to refit the tissue surface of a denture. This is done by placing a new acrylic "wash" into the denture, duplicating the new form of the oral structures in the mouth.

Dentures



Indications:

- Every five years
- To increase retention of old dentures (due to recent extractions or alterations to the ridge)
- Avoids the necessity of remaking them entirely
- Persistent fractures
- Poor fit

Procedures:

- Trim internal surface from the denture to avoid increasing vertical dimension and allow space for impression material (suggested material PVS Monophase, tissue conditioner or Polyether), apply adhesive and take a wash impression.
- Before the material sets, ensure the patient is in centric occlusion (have patient bite while the material sets).
- Remove and disinfect the impression.
- Send to Assured Dental.

Partials



Indications:

- Every five years
- Avoids the necessity of remaking them entirely
- Poor fit

Procedure:

- Trim internal surface from the partial to avoid increasing vertical dimension and allow space for impression material (suggested material PVS Monophase, tissue conditioner or Polyether), apply adhesive and take a wash impression.
- Once the wash material sets, take an impression over the partial in place.
- Allow for appropriate setting of time of material, then remove impression from the mouth keeping the partial in the impression.
- Pour immediately or send it to Assured Dental according to the materials instructions (different materials

working/pour-up times vary, see instructions).

- Take and send opposing arch and bite registration along with pick-up impression.

Acrylic Repairs



Flange Fracture

If you have the broken piece, glue (Krazy Glue) it and verify the fit in the patient's mouth and send it to Assured Dental.

If a new piece is necessary, take an impression with the appliance in place.

- Allow for appropriate setting time of the material, then remove impression from the mouth keeping the partial in the impression.
- Pour immediately or send it to Assured Dental according to the materials instructions (different materials working/pour-up times varies, see instructions).

Midline Fracture

If the fracture has a clean break, glue (krazy Glue) the pieces together, verifying the fit in the patient's mouth. Send to Assured Dental.

Cracks

Send to Assured Dental as is.

Replace Lost Tooth

Send the appliance to Assured Dental along with the tooth if available.

Add Additional Tooth to an Existing Partial

Take an impression with the partial in place and remove prosthesis from the mouth, keeping the partial in the impression and send it to Assured Dental along with the opposing arch, bite registration and shade if necessary.

Cu-Sil (Gasket Replacement)



- Remove the old Cu-Sil
- Place the denture into the mouth and inject the impression material around the tooth (use light body or Monophase material).
- Ensure that the material replicates the space left for the Cu-Sil and the entire surface of the abutment teeth.

Cu-Sil Reline

- Remove all Cu-Sil
- Trim the internal surface from the denture to avoid increasing the vertical dimension and allow space for impression material (use PVS Monophase or Polyether),

apply adhesive and take a wash impression.

- Ensure that the material replicates the space left for the Cu-Sil and the entire surface of the abutment teeth.

Cast Partial Repairs



Broken Clasp or Major Connector

- Take the impression with the partial in place.
- After the proper setting time, remove the impression keeping the partial in the impression.
- Pour immediately or send it to Assured Dental according to material instructions.
- If you have the clasp, send it along with the partial still in the impression.

Partial Denture Refit

Take an impression without the partial in place, send the impression or model along with the partial to Assured Dental.

Crown & Bridge



Crown under Partial Impression Technique Without Sending Partial

- Take a standard impression of the preparation site with the technique of your choice (without partial in place). Take opposing impression and bite registration.
- Make an index for relation of partial to the crown preparation (do not be concerned about the margins with this index, pay attention to capturing the clasp(s) and rest(s) only).
- Make an index for relation of partial to the crown preparation (do not be concerned about the margins with this index, pay attention to capturing the clasp(s) and rest(s) only).
- Inject Blu-Mousse Super Fast (recommended to reduce chair time) around the prep site, clasp(s) and rest(s).
- Once the Blu-Mousse material has set (30 seconds), remove the partial with the index attached and trim the Blu-Mousse material so the outer portion of the clasp(s) and rest(s) are exposed.
- Trim away any material that does not allow the index to be removed. Remove the index from the partial by pushing index in an apical direction.
- Temporize the preparation and send the impressions, index, bite registration and lab slip to Assured Dental. Patient is able to keep their partial!

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