

Removable Prosthetic Repair Impression Guide



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 that a denture needs rebasing or relining:

- The denture is five or more years old. **It is recommended that a denture is rebased or relined every five years.**
- Recent extractions or alterations of the ridge.
- Persistent fractures.
- Poor fit.

Procedure:

1. Trim internal surface from the denture to avoid increasing vertical dimension and allow space for impression material (suggested materials: PVS light body, tissue conditioner, or polyether), apply adhesive and take a wash impression.
2. Before the material sets, ensure the patient is in centric occlusion (have patient close gently while the material sets).
3. Send to Dental Prosthetic Services.

Acrylic Partials

Indications that a partial needs rebasing or relining:

- The partial is five or more years old. **It is recommended that a partial is rebased or relined every five years.**
- Poor fit.

Procedure:

1. Trim internal surface from the partial to avoid increasing vertical dimension and allow space for impression material (suggested material: PVS light body or tissue conditioner), apply adhesive and take a wash impression.
2. Before the material sets, ensure the patient is in centric occlusion (have patient close gently while the material sets).

3. Once the wash material sets. Take an impression over the partial in place.
4. Allow for appropriate setting time of material, and then remove impression from the mouth **keeping the partial in the impression.**
5. Pour immediately or send it to Dental Prosthetic Services according to the materials instructions (different materials working/pour-up times vary, see instructions).
6. Take and send opposing arch and bite registration along with pick-up impression.

Acrylic Repairs

Flange Fracture

If you have the broken piece, glue pieces together using ethyl cyanoacrylate (Super Glue) and verify the fit in the patient’s mouth. Send it to Dental Prosthetic Services.

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

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

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Midline Fracture

If the fracture has a clean break, glue pieces together using ethyl cyanoacrylate (Super Glue). Verify the fit in the patient's mouth and send the appliance to Dental Prosthetic Services.

Cracks

Send the appliance to Dental Prosthetic Services as is.

Replace Lost Tooth

Send the appliance to Dental Prosthetic Services along with the tooth, if available.

Add Additional Tooth to an Existing Partial

1. Take an alginate impression with the partial in place and remove impression from the mouth, **keeping the partial in the impression.**
2. Pour immediately or send it to Dental Prosthetic Services along with the opposing arch, bite registration, and shade if necessary.

Soft Seal Gasket Replacement

1. Remove the old silicone gasket material.
2. Place the denture into the mouth and inject the impression material around the tooth (use PVS light body wash or monophasic material).
3. Ensure that the material replicates the space left for the soft seal and the entire surface of the abutment teeth.

Soft Seal Reline

1. Remove all soft seal silicone material.
2. Trim the internal surface from the denture to avoid increasing the vertical dimension and allow space for the impression material (use PVS light body wash), apply adhesive and take a wash impression.
3. Before the material sets, ensure the patient is in centric occlusion (have the patient close gently while the material sets).

Cast Frame Partials

Indications that a partial needs rebasing or relining:

- The partial is five or more years old. **It is recommended that a partial is rebased or relined every five years.**
- Poor fit to the tissue.

Procedure:

1. Trim internal acrylic surface from the partial to avoid increasing vertical dimension and allow space for impression material (suggested material: PVS light body or tissue conditioner), apply adhesive and take a wash impression.
2. Before the material sets, ensure the patient is in centric occlusion (have patient close gently while the material sets).
3. Once the wash material sets. Take an impression over the partial in place.

4. Allow for appropriate setting time of material, and then remove impression from the mouth **keeping the partial in the impression.**
5. Pour immediately or send it to Dental Prosthetic Services according to the materials instructions (different materials working/pour-up times vary, see instructions).
6. Take and send opposing arch and bite registration along with pick-up impression.

Broken Clasp or Major Connector Repair

1. Take an alginate impression with the partial in place.
2. After proper setting time, remove the impression, **keeping the partial in the impression.**
3. Pour immediately or send it to Dental Prosthetic Services according to material instructions.
4. 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 Dental Prosthetic Services.

Crown Under Partial

1. Take an impression with the partial in place.
2. After proper setting time, remove the impression **keeping the partial in the impression.**
3. **If the margins are not captured,** take another impression without the partial in place, for adaptation of crowns and margins.
4. Send both impressions to Dental Prosthetic Services along with an opposing impression/model and a bite registration.
5. **It is recommend that we have the partial in the laboratory** for the entire time it takes to fabricate the crown. If that is not possible please contact us for alternative arrangements.

For information on the **indirect clasp impression technique**, visit www.DPSdental.com and click on Downloads and Tech Tips.



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