

# REMOVABLE PROSTHETIC REPAIR

## IMPRESSION GUIDE

### ***Indications that a denture or acrylic partial 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.
- Persistent fractures.
- Poor fit.
- Recent extractions or alterations of the ridge.

### **DENTURES**



#### **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 Morse Dental Lab.

### **CAST FRAME PARTIALS**



#### **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 Morse Dental Lab 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 Partial**



#### **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 Morse Dental Lab according to the materials instructions (different materials working/pour-up times vary, see instructions).
6. Send opposing arch and bite registration along with pick-up impression.

***Morse Dental Lab***

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## **Acrylic Repairs Flange Fracture**

If you have the broken piece, glue pieces together Super Glue and verify the fit in the patient's mouth. Send it to Morse Dental Laboratory CDL.

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 Morse Dental Laboratory CDL according to the materials instructions .

## **Midline Fracture**

If the fracture has a clean break, glue pieces together using Super Glue. Verify the fit in the patient's mouth and send the appliance to Morse Dental Lab.



## **Cracks**

Send the appliance to Morse Dental Lab as is.

## **Replace Lost Tooth**

Send the appliance to Morse Dental Lab 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 Morse Dental Laboratory 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).



## **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 Morse Dental Laboratory CDL according to material instructions.
4. If you have the clasp, send it along with the partial still in the impression.

## **Morse Dental Laboratory, CDL**

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