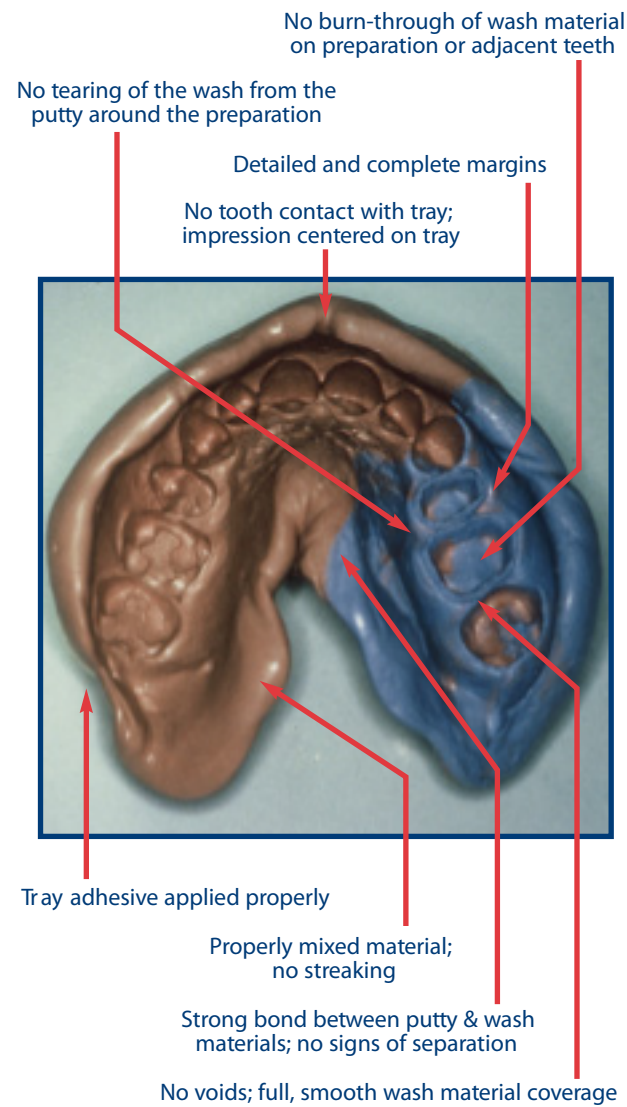


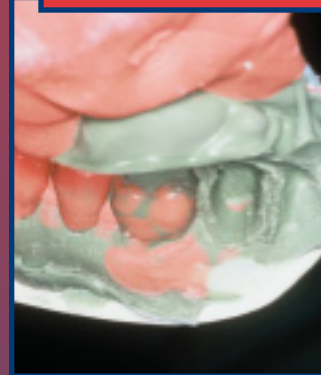
# FIXED IMPRESSIONS WORK MAT

## 9 Most Common Problems with Fixed Impressions

### The Perfect Impression



### Inadequate Margins



- Probable Causes:
1. Inadequate retraction of sulcus around the preparation
  2. Moisture or bleeding around the preparation
  3. Too much time between mixing and seating
  4. Rocking of tray to get proper seating
  5. Tray movement after it has been seated

### Contact with Tray



- Probable Causes:
1. Wrong size/shape tray used
  2. Tray not seated properly

### Burn-Through of Wash Materials



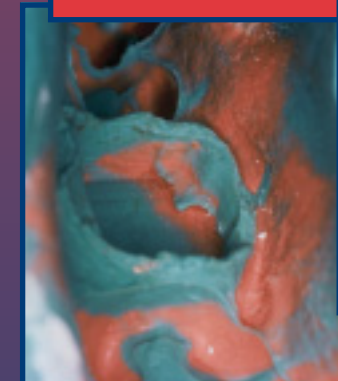
- Probable Causes:
1. Dimple in putty material is too small; must be deep and include teeth adjacent to all preparations
  2. Not enough wash material
  3. Tray seated too quickly/forcefully

### Voids



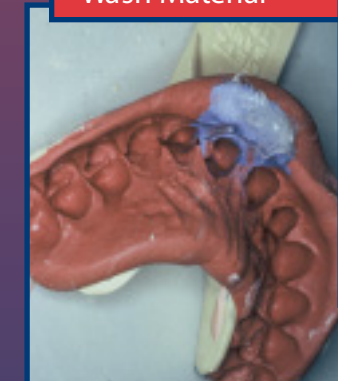
- Probable Causes:
1. Inadequate retraction of sulcus around the preparation
  2. Moisture or bleeding around the preparation
  3. Too much time between mixing and seating
  4. Improper syringing technique around preparation; keep tip immersed and use stirring motion

### Ledges



- Probable Causes:
1. Dimple in putty material is too small; must be deep and include teeth adjacent to all preparations
  2. Tray dislodges before material is fully set
  3. Not enough wash material
  4. Tray seated too quickly/forcefully

### Tearing of Wash Material



- Probable Causes:
1. Premature removal of tray from the mouth; inattention to recommended times
  2. Inadequate retraction of sulcus around the preparation
  3. Moisture or bleeding around the preparation

### Debonding



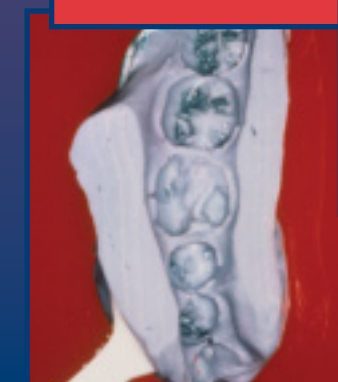
- Probable Causes:
1. Contamination of vaseline or balm used on syringe or lips
  2. Glove contamination
  3. Outdated/expired impression materials

### Inadequate Tray Adhesive



- Probable Causes:
1. No/not enough tray adhesive
  2. Incompatible/wrong manufacturer's adhesive
  3. Inadequate drying time for adhesive
  4. Outdated/expired tray adhesive
  5. Disinfectant residue

### Streaking



- Probable Causes:
1. Improper amounts of base and catalyst
  2. Inadequate mixing
  3. Glove contamination