

# **RELINING & REBASING**



## RELINING

- \* Procedure used to **resurface** the tissue side of a denture with new base material thus producing an accurate adaptation to the denture foundation area.
- \* When **minimal to moderate changes** without affecting the occlusal /aesthetic relations are evident.

## REBASING

- \* The laboratory process of **replacing** the entire denture base material on an existing prosthesis.
- \* **Major changes** are evident



# INDICATIONS FOR RELINING &REBASING

- ★ Immediate dentures
- ★ Loose dentures
- ★ Resorption
- ★ Cost
- ★ Geriatric / chronically ill patients.



# Contraindications

- ✦ Excessive ridge resorption-new dentures advised
- ✦ Abused soft tissues-till healing
- ✦ TMJ problems
- ✦ poor esthetics/major speech problem in dentures
- ✦ Severe undercuts
- ✦ Unsatisfactory jaw relationships





RELINING-Procedure used to **resurface** the tissue side of a denture with new base material thus producing an accurate adaptation to the denture foundation area.



# STEPS IN RELINING

- ★ In existing denture shorten border by 2mm,
- ★ Border molding
- ★ Impression made



- ★ Beading boxing
- ★ Pouring of cast
- ★ Cast is not separated from the impression.
- ★ Flasking procedure
- ★ Dewaxing- remove the green stick and paste



- ✦ In the denture- surface is freshened and cleaned
- ✦ Acrylic resin is packed-compression mold technique.
- ✦ After processing-denture is recovered, finished and polished.



- ✦ This procedure could best be called the RELINE procedure, because the total result is the addition to or lining of the old denture





# REBASING

## ★ **Indications:**

- ★ Underextension of denture border
- ★ Denture-fracture
- ★ Denture-stained or discoloured.



# STEPS IN REBASING

- ★ The denture is treated in the same way and the impression is obtained using the existing denture as a custom tray.
- ★ Cast is fabricated as earlier.



- ✦ Cast and denture are mounted in articulator
- ✦ Lower half is made with plaster.
- ✦ Upper denture markings are placed on the plaster to make index of the occlusal surfaces of the teeth.
- ✦ When plaster sets the upper denture is removed



# Continued...

- ✦ With the disc ,the teeth are removed from the acrylic base, preserving a complete rim of teeth held together by as little acrylic as possible.
- ✦ Place the rim of teeth into the index
- ✦ Now wax the rim of teeth to the cast





# Continued.....

- ★ Processing is done
- ★ It is recovered, finished and polished.
- ★ Consequently the prosthesis consist of a new denture base(so REBASE) in conjunction with teeth from the patients previous denture.

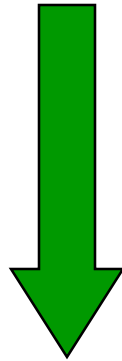


# LABORATORY PROCEDURES

## ★ JIG METHOD

- ★ A reline jig is used. The cast along with the impression is mounted on the upper member of these instruments
- ★ A plaster index is made by denture teeth-act as key to which denture teeth can be repeatedly positioned to mntn. The reln. b/w cast & occlusal surfaces





*Thank You*

