



Important considerations

Removable partial denture cases

**SEEKING
SOLUTIONS**

Guiding plane

- Wrap around
- Distributions

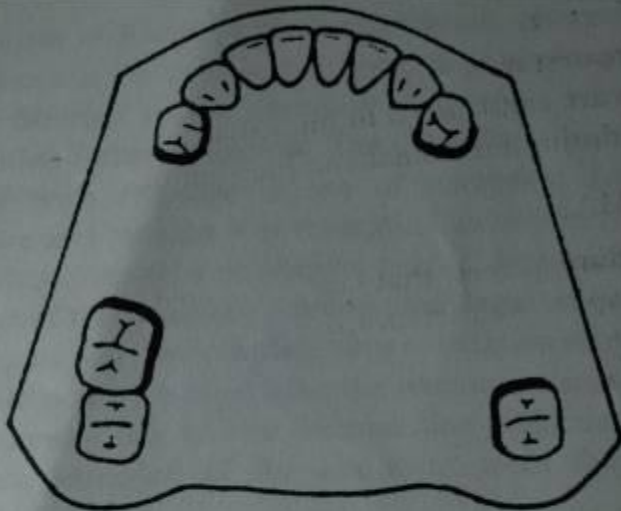
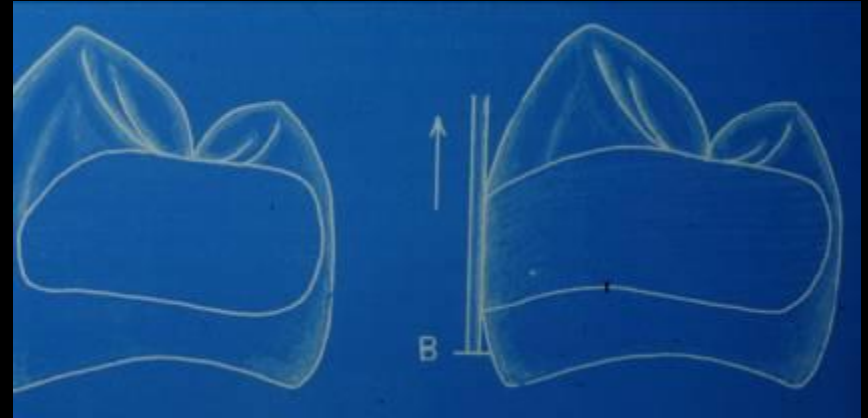


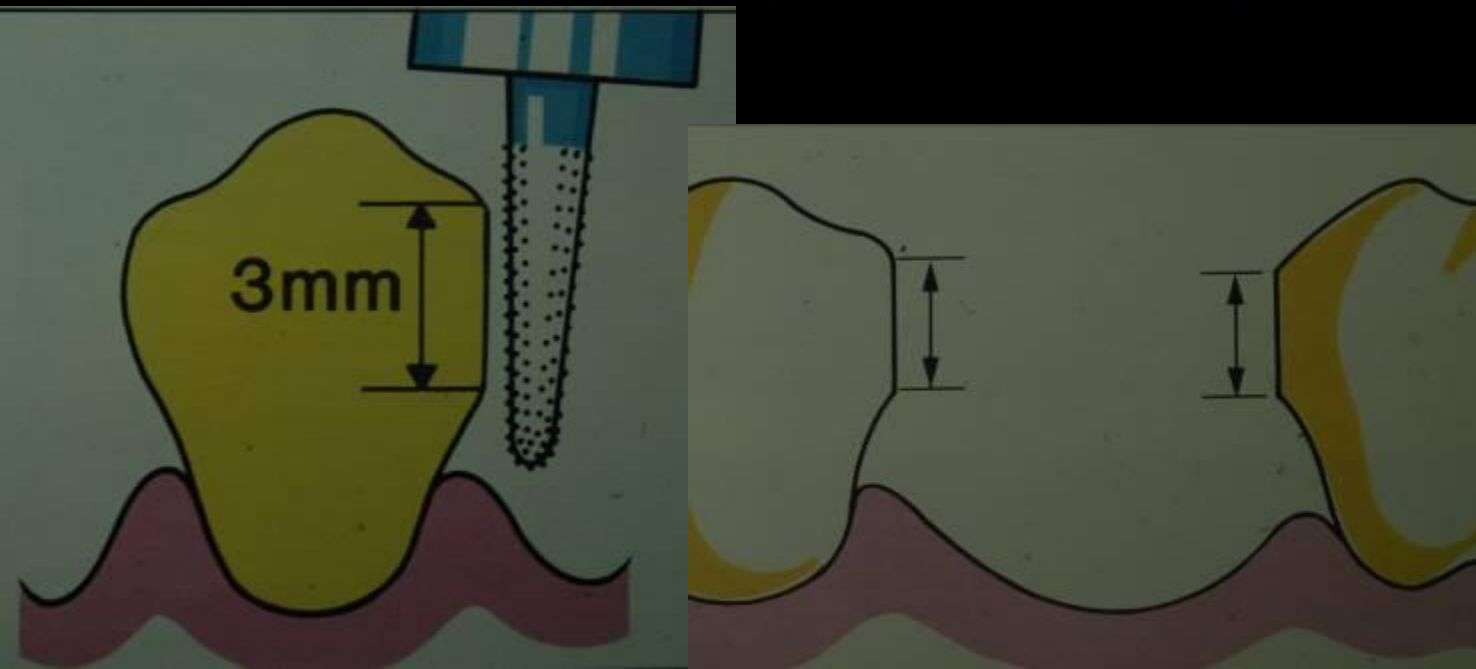
Fig. 1. Typical partially edentulous arch showing possible locations for guiding planes.



Wrought wire is electrically soldered afterward

Guiding plane

- Ideal vertical length of 3 mm. to maximize resistance to dislodging forces
- Curve along natural tooth contour buccolingually (A is correct.)



Guiding plane

- Physiologically relief a space for stressbreaking in distal extension case

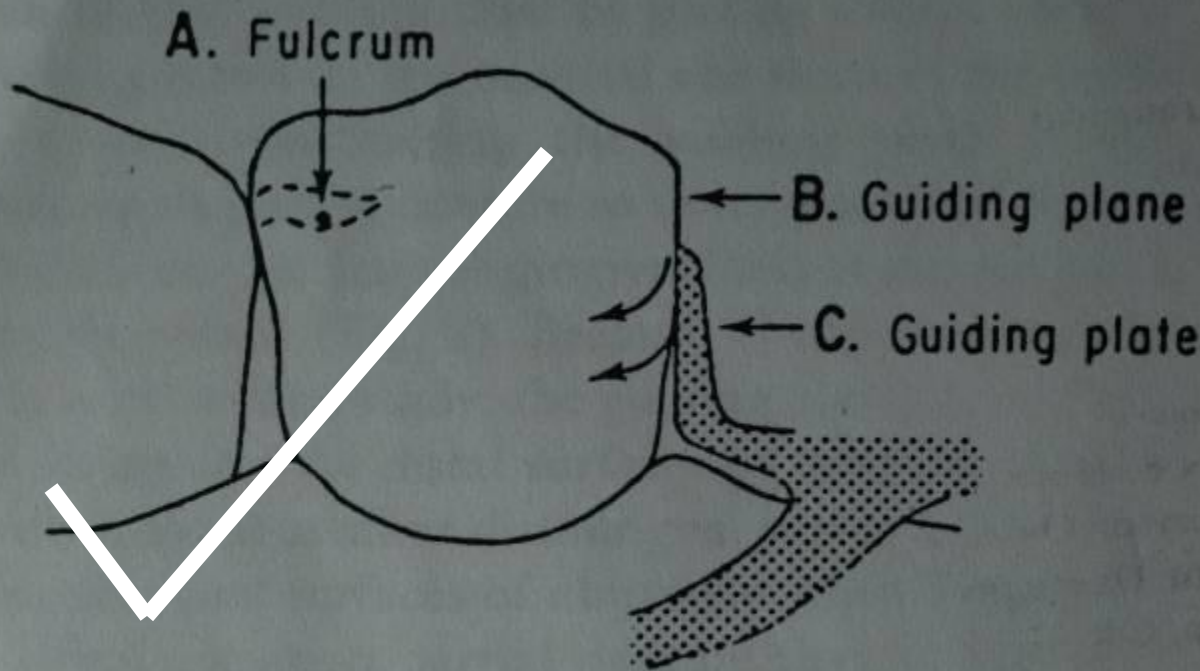
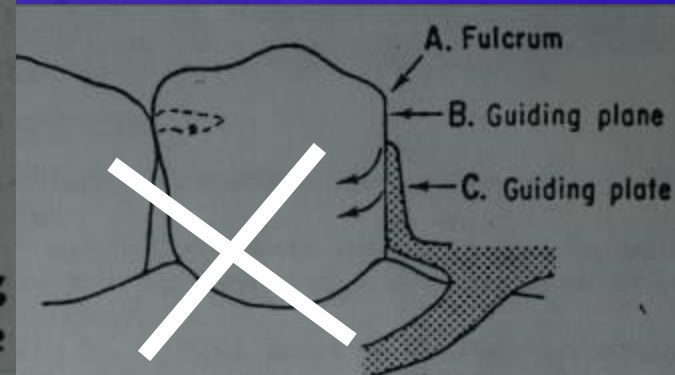
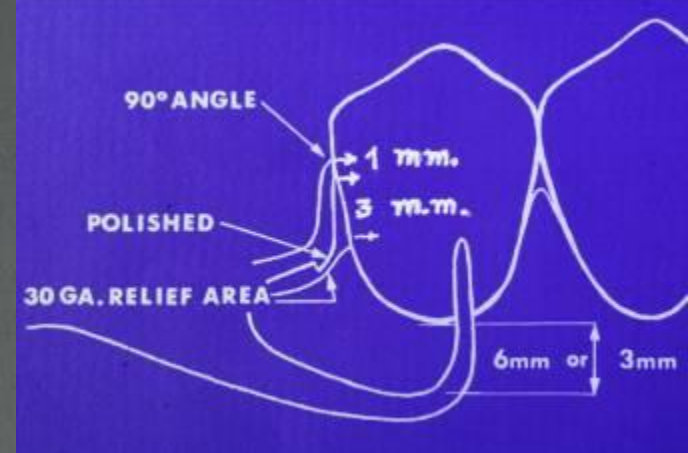
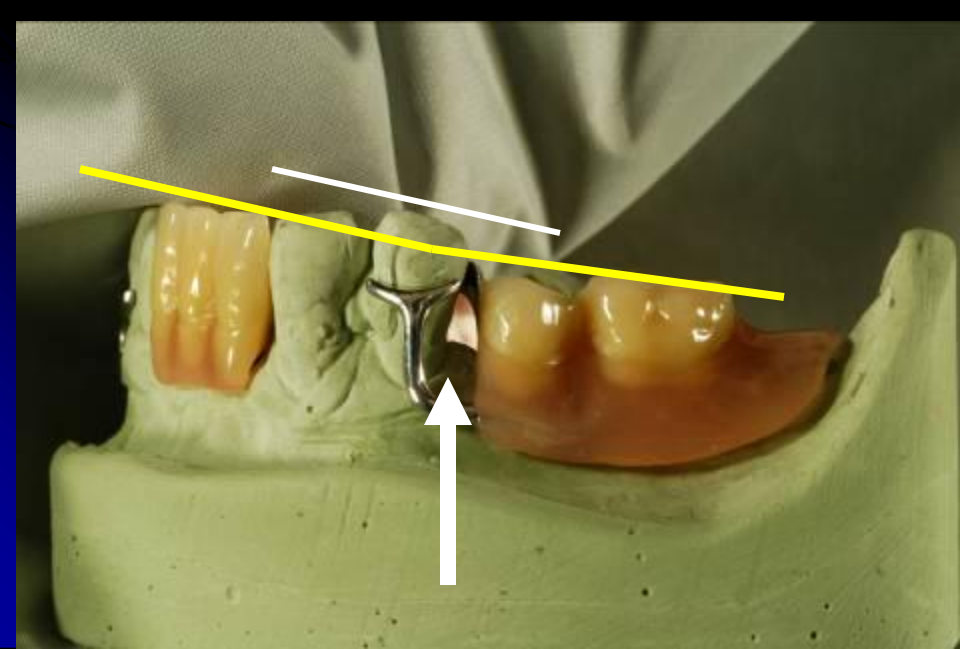


Fig. 2. View of abutment tooth with location of guiding plane, guiding plate, center of rotation, and possible movement of denture during function.



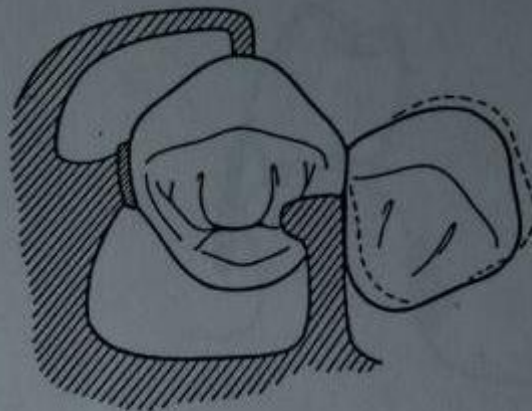
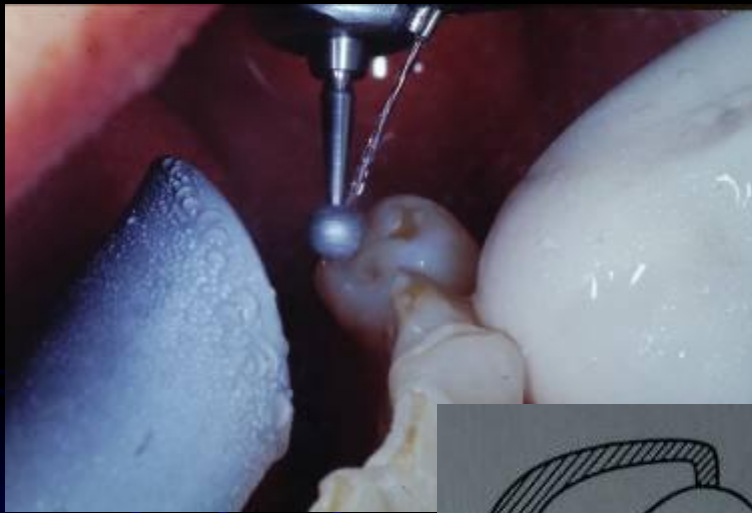
Guiding plane, occlusal plane

- Do not open proximal space with out good reason
- Consider natural curve of Spee, to prevent occlusal disharmony



Clasp

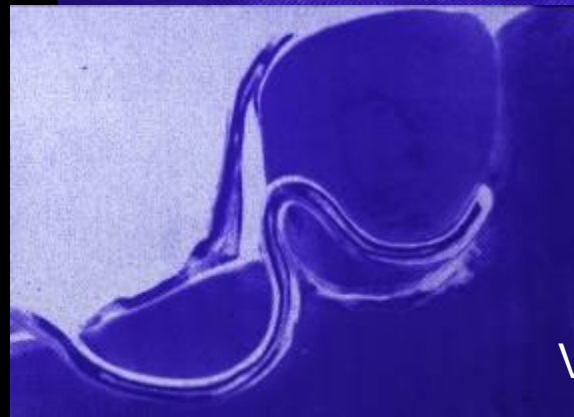
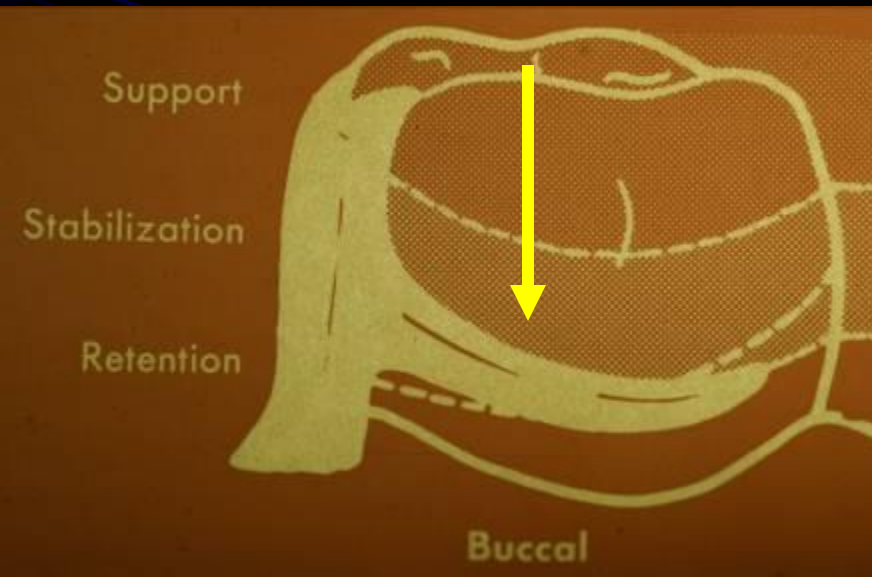
- RPI has a guide plane on mesio-lingual



minor connector to the mesial rest can be restricted by a narrow

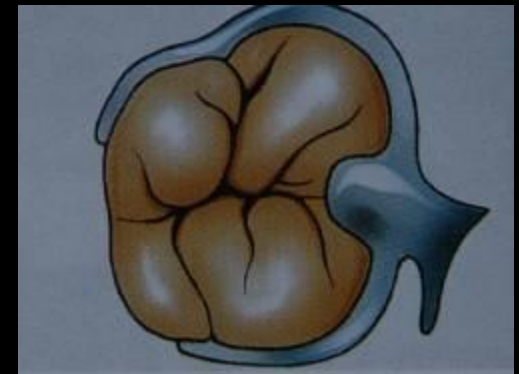
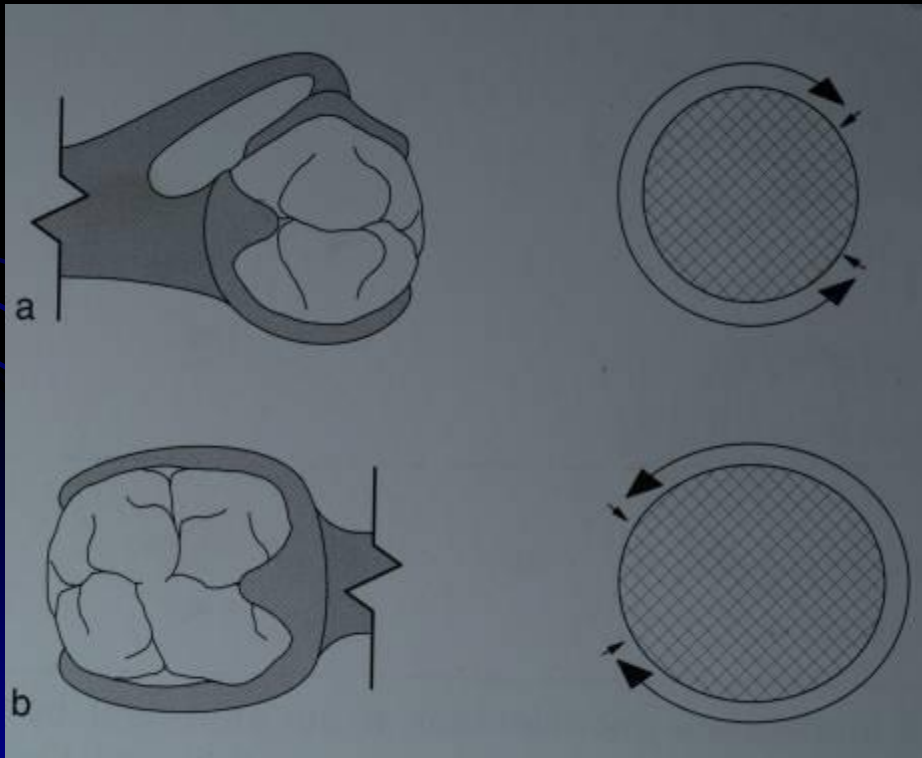
Clasp

- Placing clasp as low as possible
- Minimize clasp size to reduce metal-tooth contact



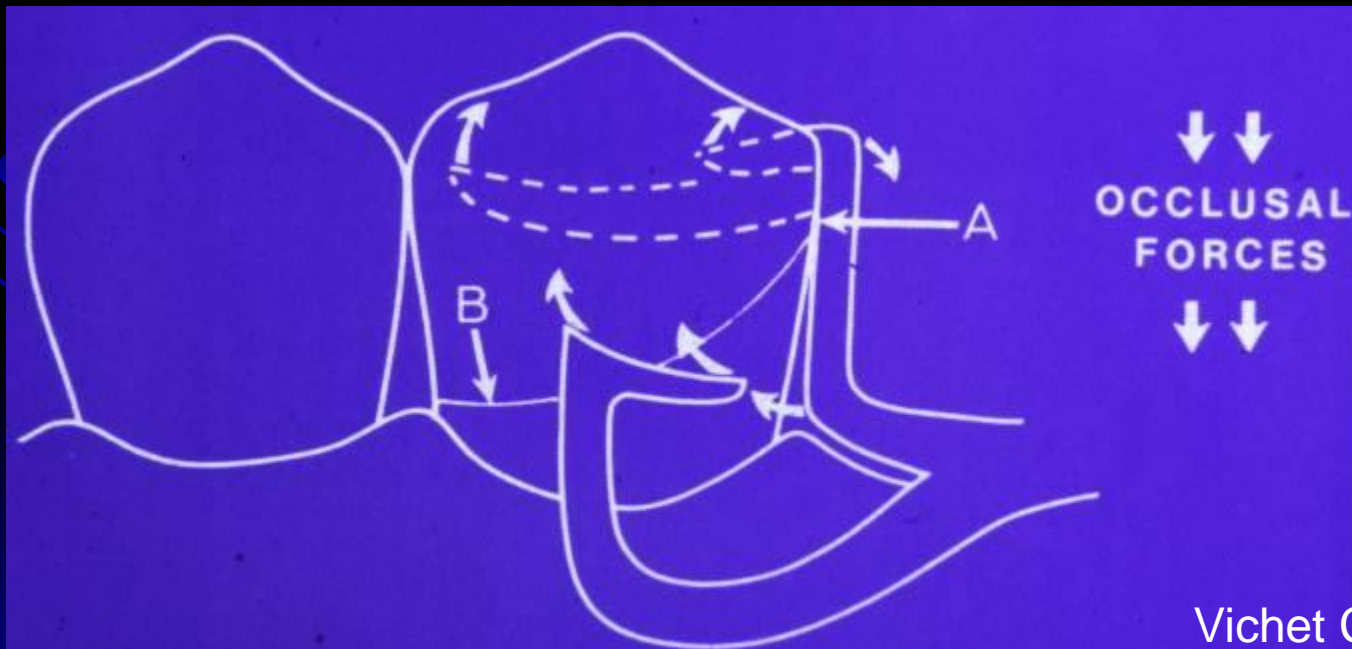
Clasp

- Maximum wrap around > encirclement
- Hide clasp terminal into embrasure



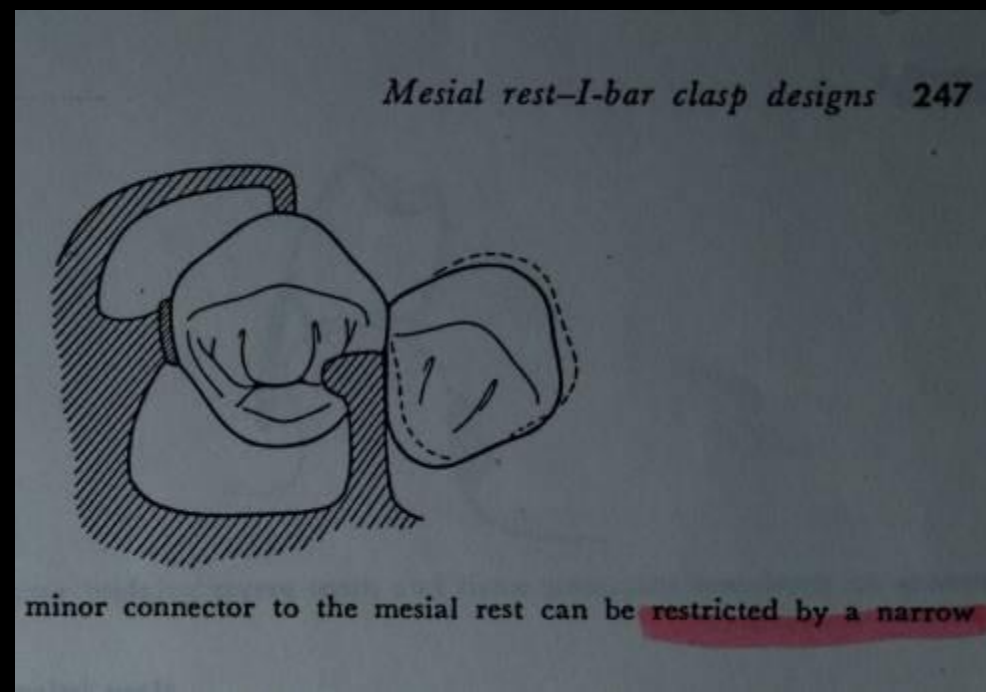
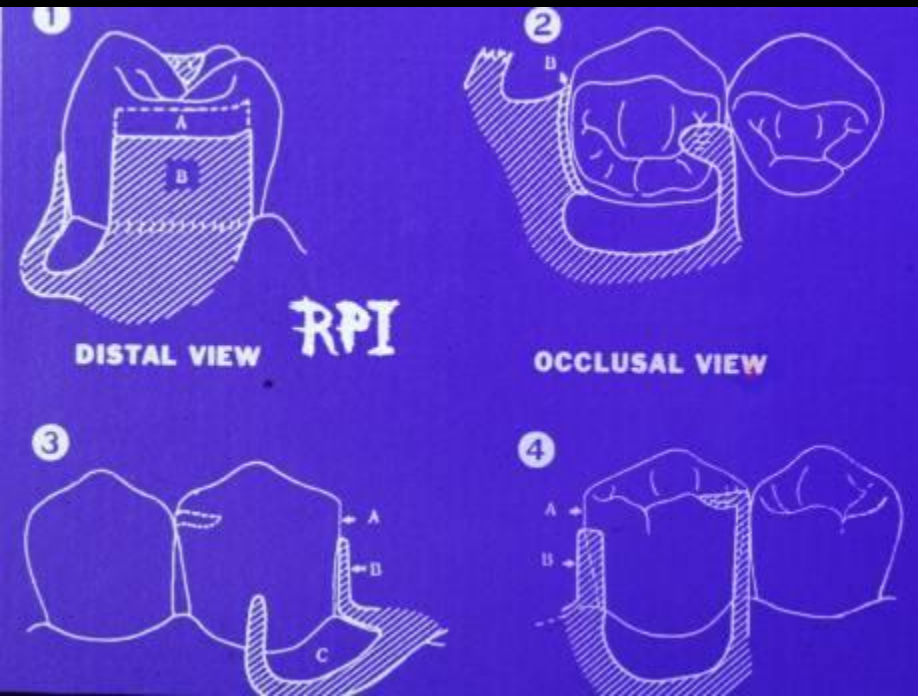
Clasp

- Many mandibular bicuspid teeth do not provide appropriate mesial undercut. Modified T-bar is possibly selected with *care* (minimizing torque?)



Clasp

- Small but robust
- Minimize tooth contact 1st differs from 2nd bicuspid



Clasp

- Modified T-wrought wire for some special situations



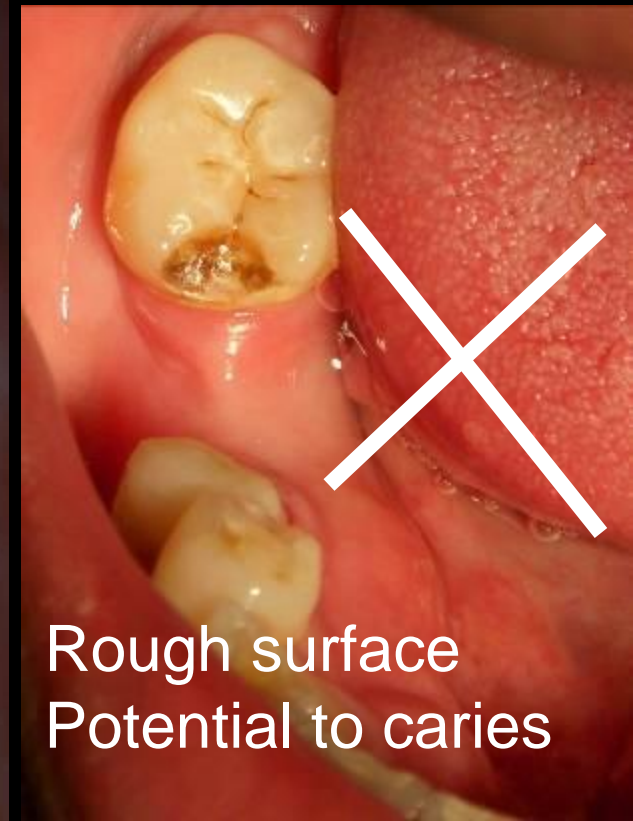
Tooth preparation

- Use high speed
- Finish surface with carbide finishing bur, to smoothened enamel & metal



Tooth preparation

- Shallow, small, smooth rest seat



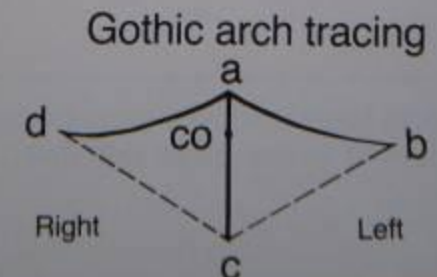
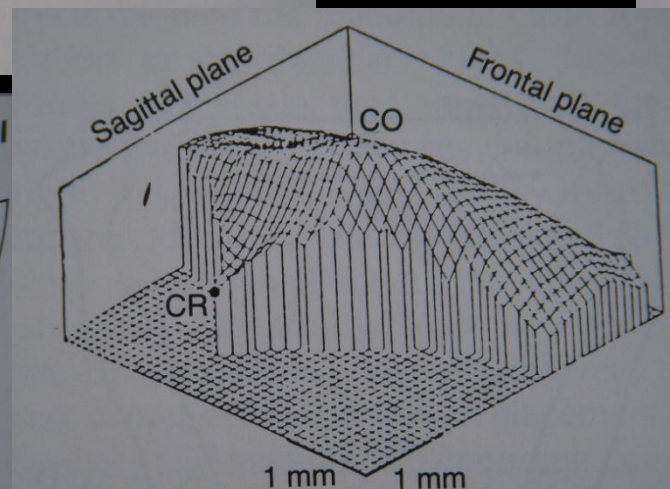
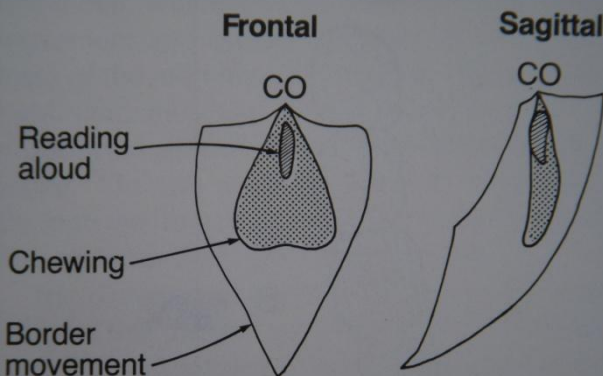
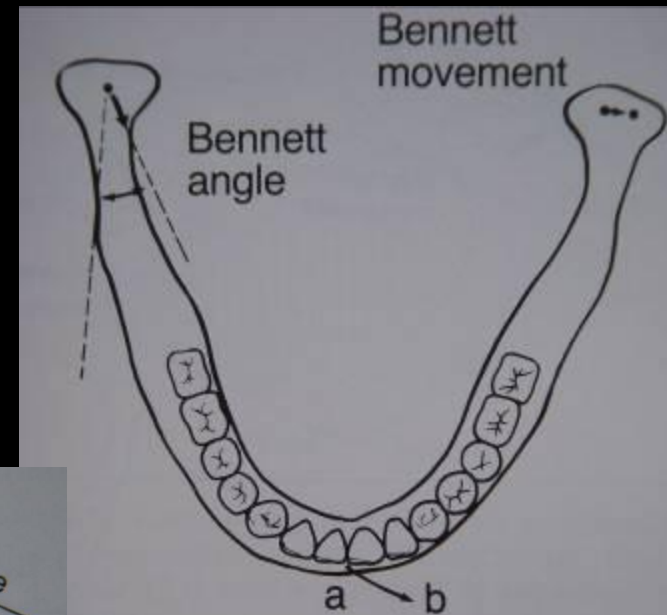
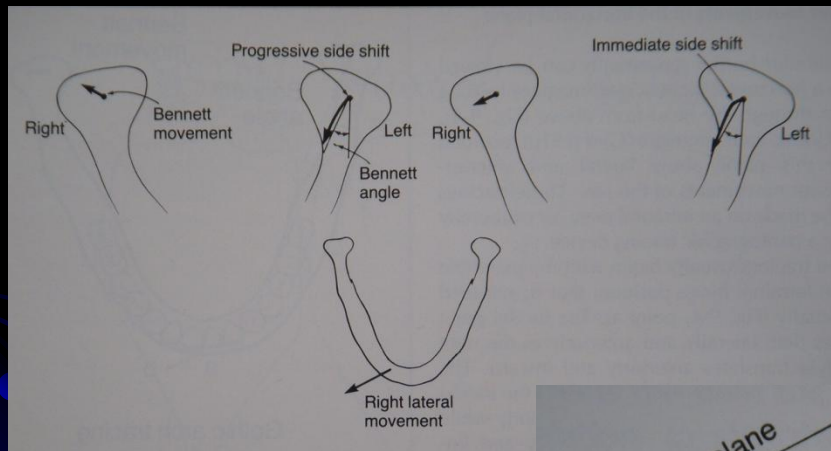
Tooth preparation

- Shallow, small, smooth - rest seats



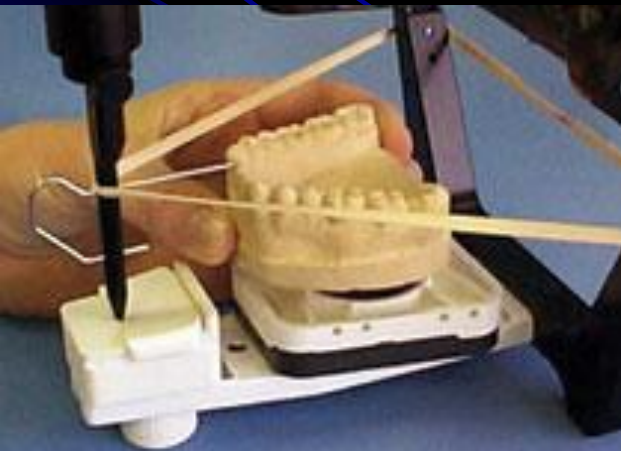
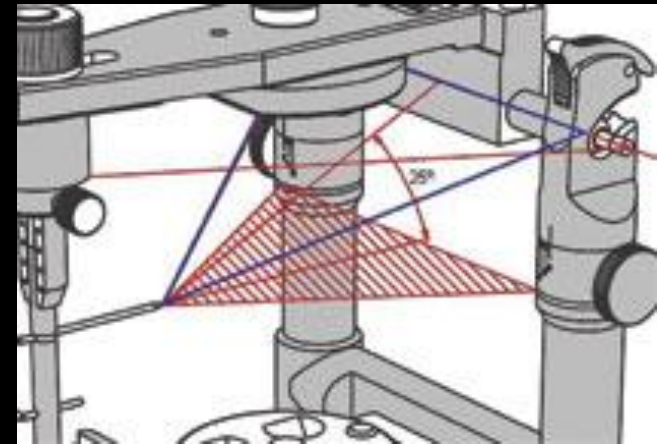
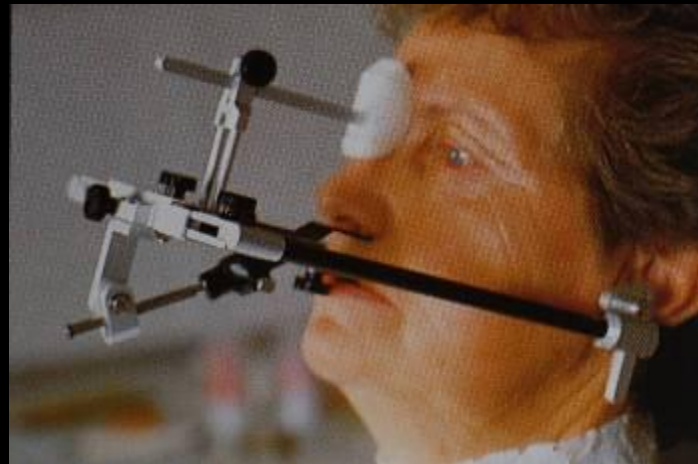
Functional movements

- Understanding mandibular movements



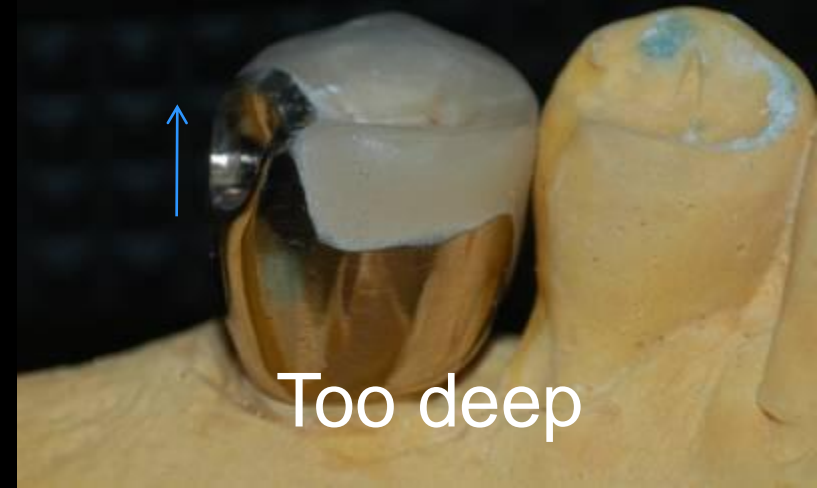
Functional movements

- Correct setting articulator



Crown for RPDs

- Metal to metal contact is preferred
- Positive form rest seat

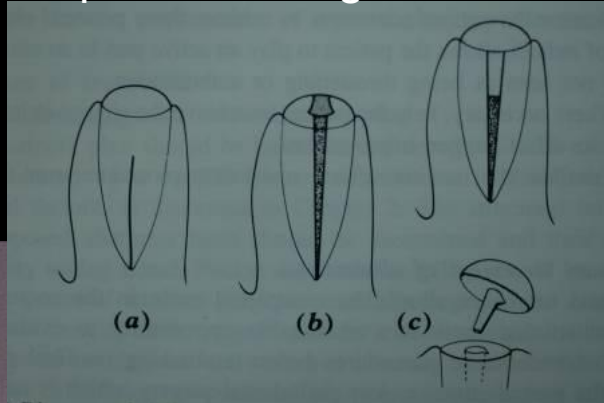


Attachment, telescope, coping

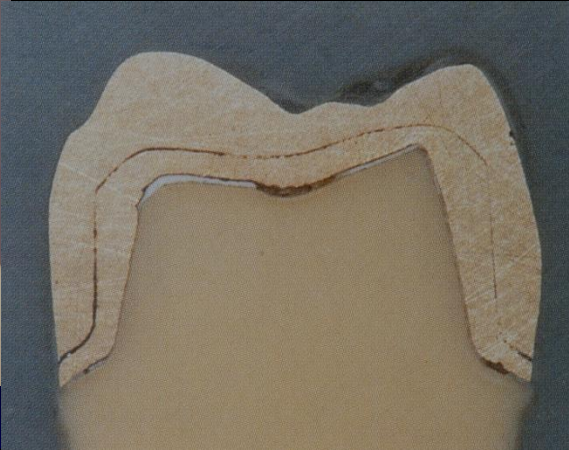
- If indicated and with careful consideration

Composite, amalgam, cast metal

Ceka



Telescopic crown





Surface, mass

- Well polished surface (acrylic & metal)
- Both tissue surface and polished surface
- No porosity



Porosities, air voids



Modification

- Able to add wire clasp, denture tooth, extending and relining denture base at chair-side



Addition a wire clasp



Tissue conditioning material

