Interim Dentures
Interim Complete Removable Dental Prosthesis
Immediate Interim Dentures

- Constructed for patients that are not yet edentulous
- Constructed prior to extraction of remaining dentition
- Inserted after the extractions, on the same day as the extractions
- Try-in not always possible
- Not considered definitive prosthesis
- Considered a temporary prosthesis
- Usually requires temporary relining
- Final prosthesis constructed after healing completed (6 months)
Interim vs. Immediate

- Patient is able to preview final esthetics when definitive denture is fabricated after healing
- Border extensions are more accurate when definitive denture is fabricated after healing
- Due to its temporary nature adjustments of the occlusion or contours are not a great concern
- Patient may be able to retain Interim as a spare
Diagnostic Appointment

Comprehensive Exam

* Discuss Patient concerns
  ◆ Main complaint
  ◆ Esthetic concerns
  ◆ Other concerns
  ◆ Address patient expectations

* Complete and sign Treatment Plan

* Schedule Extractions
  ◆ Posterior teeth extracted in groups of six
  ◆ Anterior teeth extracted at time of denture insertion

* Schedule Impressions
  ◆ 1 to 2 weeks after last posterior extraction
Impression Appointment

※ Dependent on
  ◆ Number of teeth present
  ◆ Position of teeth
  ◆ Periodontal condition of the teeth

※ May use
  ◆ Regular Alginate
    ◆ Primary stock tray
    ◆ Secondary custom tray

※ Accu-dent
  ◆ Series 2 or S2 Trays
IMPRESSION TRAYS

Listed in the dispensary as Maxillary and Mandibular S2 trays
Note the length of the lingual extensions and the provision to support the border extensions
Impression Material

Tray Material
Impression Material

Syringe Material
Syringe Material

Using the syringe place over the teeth and fill the vestibule
Finished Impression

The borders should be well defined
Maxillomandibular Records Appointment

Establish VDO
- Tooth contacts
  - Evaluate the tooth position

Facial Profile
- “M” sound
Maxillomandibular Records

* Will require record bases
  - May be made from Gutta percha, UDEMA or Ivoline
  - Due to semi-edentulous nature of the arch adhesive may need to be used to secure the record bases

* Record are taken using record bases with wax rims
  - Centric Relation - most retruded position
  - Use non-pressurizing recording material
  - Separate record and verify

Record face bow

Take a Shade
Laboratory Steps
Selecting Teeth

Select a mold which replicates the patient’s natural dentition as close as possible. The teeth are obtained from the Removable Laboratory.
Anterior Arrangement

Remove the tooth adjacent to the selected tooth
Anterior Arrangement

Tooth removed
do not create socket
Anterior Arrangement

Each individual tooth may need reduction to be able to be placed in correct position.
Anterior Arrangement

Complete the side to correct length and fullness
Anterior Arrangement

Begin the other side
Be careful....Reference tooth is now lost
Anterior Arrangement

Complete the anterior arrangement
CREATE POSTERIOR PALATAL SEAL

DO NOT FORGET
Set the Mandibular Anteriors

Follow the normal criteria
Set the Posterior Teeth
Set the Posterior Teeth

May not need all 4 teeth in quadrant
Complete External Base Contours
Process
Adjust Internal Surfaces

Remove any lumps and/or artifacts
Insertion

- Check with PIP paste
  - Both arches especially
    - Canine eminence
    - Frenal attachments
    - Post-malar pockets
    - Mylohyoid area
    - Lateral throat form and masseteric notch

- Check occlusion
  - Should occlude evenly both sides

- Initial polish
Initial Post Insertion Instructions

* Patient is appointed to return 24-48 hours

* Patient is instructed
  - To leave the denture in until return appointment
  - Bleeding has stopped but saliva will be tinged red
  - Do not smoke or drink alcohol until return appointment
  - To make sure they eat and drink that day
  - Upper lip will feel and look full
  - Will have a lot of saliva for next few days
  - Most comfortable sitting up may throb when laying down
  - Place an old pillow case or towel on pillow when going to sleep to protect pillow
Post Insertion Instructions

- Patient is instructed to sleep with the dentures in place for the first week
- Prostheses will become loose as the bone resorbs
- May need temporary tissue conditioning liners placed until the definitive denture made in 6 months