

## Full Lower Reconstruction



Patient Name \_\_\_\_\_

### √ Item check list

- Study cast of approved provisionals **without** treatment partial. Be sure to capture full extension of palate, ridges, and flanges – to cross mount with master casts of preps.
- Study cast of approved provisionals **with** treatment partial – to verify posterior occlusal plane.
- Face-bow of approved provisional restorations – **not** the preps. Please face-bow mount upper cast in office to avoid distortion in shipment.
- Photographs of the provisionals and treatment partial **without** retractors. Take pictures with patient sitting upright or standing, **not** in the dental chair, to capture the correct plane of occlusion. ***This picture is important.*** We need this information to evaluate the occlusal plane, front-to-back progression, smile line, mid-line, and overall esthetics, before beginning case. Additional photos needed include:
  - full face
  - profile
  - “s” position
  - head tipped down slightly (showing arch form relationship).
- Opposing model – partially edentulous, take impressions **with** and **without** lower partial. Be sure to capture full extension of ridges and flanges.
- Verify adequate vertical clearance in attachment position from tissue to opposing tooth. In general, 6.0 – 7.0mm is necessary for precision attachment cases.
- Master impression with custom tray – make sure margins are slightly sub-gingival in areas where attachments will be placed. Be sure to capture full extension of palate, ridges, and flanges.
- CR/MI bite #1** – with transfer bite rim-take with fixed provisionals in place. Make sure the bite rim is slightly out of occlusion, with notches cut for an index. Flow *Blu-mousse* or *Futar-D* type material over bite rim and close into centric relation until the front teeth touch. Be sure to load test to verify full seating of the condyles into CR. **Do not** close directly into the hard wax bite rim as this will often result in a protrusive bite relationship. This will be used to mount the study cast at the correct OVD.
- CR/MI bite #2** with same transfer bite rim (taken with fixed provisionals in place) take provisionals off, and add *Blu-mousse* or *Futar-D* type material over preps with the bite rim in place to maintain vertical dimension. This will be used to mount working cast at the correct OVD.
- Shade of denture teeth; shade should be determined in advance to match porcelain work.
- Case design considerations, including splinting and any non-vital teeth (palatal strap, horseshoe, or A-P bar design).