

Combination Fixed/Removable Case – Mandibular

Patient name _____

✓ *item checkoff list*

- Impression and cast of upper arch – if partially edentulous, take impressions with and without lower partial (be sure to capture full extension of palate, ridges and flanges).
- Study cast of approved provisionals **without** treatment partial. Be sure to capture full extension of ridges and flanges – to cross mount with master casts of preps.
- Face-bow of upper arch. Please face-bow mount upper cast in office to avoid distortion in shipment.
- Study cast of approved provisionals **with** treatment partial – to verify posterior occlusal plane.
- Photographs of the provisionals and treatment partial without retractors**. Take pictures with patient sitting upright or standing, **not** in the dental chair, teeth slightly apart, 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
 - smile
 - “s” position
 - head tipped down slightly (showing arch form relationship) **
- 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 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 (lingual bar or lingual plate)

In lab time should be about three weeks if all records are included and accurate. Case will be returned in bisque bake with new custom tray and transfer bite rim* – ready for the pick-up impression.

*see bite rim guide

**see BVDL photo communication guide