

#### • Pre Mock-up

- Check pre-op photos, retake any shots as needed. See photo protocol.
    - Review patient goals and expectations
    - Shade selection and photos of desired shade (Ingot selection, value of teeth)
  - Determine desired length of teeth and shape of considerations
  - Determine final vertical dimension of the case (CEJ to CEJ measure)
    - If no vertical change then is this a CO case? Full intercuspation for CO
    - If change in VDO then it is a CR case
- Work with your instructor to take molar bite relationships with Luxabite.
- Composite ball technique for CR (Tetric Ceram)

#### • Mock-up

- Evaluate models with instructor and ceramist to determine if any immediate gross enameloplasty is required.
    - Minor contouring of existing teeth
- NOTE: May require anesthetic (AMSA Technique) at this point if dentin exposure is necessary.
- Mock-up / Polyvinyl Overlay Technique
    - Fit Overlay Matrix in patient's mouth / Verify complete seating
    - Fill Overlay Matrix with Bisacrylic Provisional Material and place over teeth
    - Verify lengths, overbite, and overjet relationships / Verify complete, seat
  - Anesthetize
  - Major Contouring and shaping of overlay teeth (arch form, incisal length, etc.)
  - Gingivectomy (if needed) (use Diode Laser with instructor or Yag Laser with a director)
  - Measure the length of centrals from final gingival margin and record
  - 2 Impressions of mock-up if major changes were done

To the LuxaTemp overlay from the waxup:

- One for Temps (Clear Matrix & Virtual Fast set Light body in triple tray)
- One for back-up Temps (same as above)

#### • Preparation

- Preparation of teeth
- Perform Preparation Evaluation
- Pick prep shades. Cervical and Body. Take photos for lab
- One bite registration. Take photo for lab. (Use virtual bite registration)
- Impressions of arch. (Regular Set Virtual Heavy body in tray and Light body intraorally)
  - Use full arch trays + adhesive
- Take Luxabite anterior tripod segment for mounting working casts

#### • Provisionals

- Fabricate provisionals with Luxatemp (be sure to remove all excess)
- Finalize the provisionals
  - Lengths and shapes and measurements
  - Margins and embrasures
  - Occlusion (untreated teeth must have no Luxatemp on them)
- Take an earless facebow, patient upright & horizontal level
  - Take a photo of the bow in place (use Virtual Bite Registration)
- Take an impression of the provisionals (a perfect impression). Use Virtual Monophase Fast set and Light body Fast set. Take opposing impression. Use Monophase Fast Set.
- Glaze temporaries using Permaseal, cure 20 seconds

#### • Case Analysis

- Double check all items for the lab slip. Sent photos to the lab with case.
- Oral hygiene instructions, oral hygiene kit, follow up appointments