



Complex Case Guidelines

Predictable outcomes are planned, particularly for complex cases. Please use the information below to provide the necessary information and materials we need in order to provide you and your patients the expected results.

Planning Stage:

- Provide pre-operative photos - full face un-retracted
- Upper and lower Polyvinyl impression, accurately capturing the gingiva area (CEJ)
- Bite
- Type of restorations requested (if you have questions about materials, please indicate you request a call to discuss the case)
- Please indicate if there is going to be change in the Vertical Dimension (VD)
- Is there going to be Gingioplasty performed? If this is the case, please indicate the teeth numbers
- Please indicate if you have a preferred smile design from one of the major smile catalogues. i.e. LVI, Dr. Berland Smile Style Guide, Dorfman Smile Catalogue, LVI, etc.
- Gender and age of the patient
- Provide information about future treatment plans
- Do you require a duplicate model of the wax-up?
- You will be provided a reduction guide. Request a matrix if necessary. Please indicate type
- You can take advantage of Digital Imaging to show the patient a rendition of the potential outcome

Before Prepping:

1. Provide pre-operative photos taken before prepping the teeth
2. Follow the preparation guide provided as closely as possible
3. If reduction stints were requested, please use them for the preparation procedure
4. To close black triangles, please make sure to prepare sub-gingivally. For veneers, extend the preparation as lingual as possible on the mesial and distal axial walls
5. To create golden proportions, to correct misalignments or to move the midline; break the interproximal contacts.
6. Depending on the shade of the preparation, reduce 0.3mm to 1.00mm for PV's and PJC's and at least 1.5mm for PFM's, Zirconia Crowns and PFG's

After Prepping:

1. Block-out any dark dentine areas
2. These materials and techniques require the preparations not to have sharp line angles
3. Take a preparation (stump) shade



4. Provide bite registration
5. Provide a stick bite
6. Deliver provisional. Take a bite against the antagonistic preparations.
7. After the antagonistic provisionals are delivered, take a bite of the upper and lower provisionals
8. Record the length of #6, 8, 9, 11.
9. Take a tripod Shimbashi measurement.
10. Take photos of the temps capturing the patients lip line and midline.

Prepping for a Full Upper and Lower rehabilitation case:

1. Use Transfer Bite provided
2. Prepare the upper and lower posterior quadrants first.
3. Use the Wax-up provided to fabricate the quadrant provisionals . If the Vertical Dimension has been opened, adjust the provisionals to the patients comfort level.
4. Once the Vertical Dimension has been established, take a new tripod Shimbashi Measurement for the final restoration.
5. Following these steps will allow us to preserve the TMJ as well as allow us to create the correct Vertical Dimension, Centric Occlusion and the ideal Curve of Spee and Wilson.
6. After preparing the anterior teeth according to the preparation guide, a final impression is taken, as well as a stick bite.
7. The temps (made from the diagnostic wax-up) are then cemented. The length of 6,8,9,11 are measured and photos are taken of the provisionals to determine the smile line and midline.

1-5 units Cases:

- Prescription with instructions
- Photo: Full face un-retracted
- Photo: Retracted lips
- Photo: Close up with shade tab
- Preparation shade for all teeth involved in the procedure. Valid for All-ceramic cases

6-10 units Cases:

- Prescription with instructions
- Photo: Full face un-retracted
- Photo: Retracted lips
- Photo: Close up with shade tab
- One of the following:
 - Diagnostic Wax-up
 - Pre-operative model and photo showing patient smile



- Provisional model and photos of patient with provisionals
- The length of 8 & 9
- Smile Guide Style
- One of the following:
 - Stick bite
 - Kois Facial Analyzer
 - Facebow

Full Arch Rehabilitation:

- Prescription with instructions
- Photo: Full face un-retracted
- Photo: Retracted lips
- Photo: Close up with shade tab
- One of the following is required:
 - Diagnostic Wax-up
 - Pre-operative model and photo showing patient smile
 - Provisional model and photos of patient with provisionals
- The length of 8 & 9
- Smile Guide Style
- One of the following is required:
 - Stick bite
 - Kois Facial Analyzer
 - Facebow
 - Transfer Bite