

TECHNIQUES

THE DIAGNOSTIC WAX-UP

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Esthetic Dentistry is a very visual process. Patients, dentists and technicians must all communicate clearly with each other to successfully create winning cosmetic restorations. Real problems arise when one party is forced to “visualize” what the other means by translating words back into a visual image.

The Diagnostic Wax-up eliminates confusion by providing a clear blueprint of the final case for review and discussion by the dentist, patient and technician. By allowing careful evaluation of function, anterior guidance and cuspid rise, they assist in creating a smile design and provide a template for the final restorations that assures predictability in the mouth.



Dentistry courtesy of Dr. Orin Harker.

Powerful Communication Tool



Diagnostic Wax-up depicting natural representation of final case.

A Diagnostic Wax-up provides the patient with a three-dimensional example of the final case. Their current situation and how a more esthetic solution can be achieved are clearly illustrated. The shape and contour of the teeth are easily discussed, all dramatically increasing case acceptance.

Visual Aid for Treatment Planning



One piece Temporary made from Diagnostic Wax-up and Temporary Stent. No bonding required.

By comparing the Diagnostic Models with the Wax-up in conjunction with the technician, the practitioner can also determine such critical factors as tooth reduction requirements, pre-plan any gingival tissue recontouring or detect areas of uneven occlusal distribution – all well before actual preparation.

Features and Benefits

- Natural-looking three-dimensional representation of the final case.
- Illustrates current situation and how more esthetic smile can be achieved.
- For esthetic cases of all types, not just Advanced Cosmetics!
- Dramatically increases case acceptance rates.
- Can see tooth preparation requirements, dramatically reducing preparation time in the operatory.
- Assists in creating smile design.
- Allows careful evaluation of function, anterior guidance and cuspid rise.
- Create outstanding temporaries in minutes using Temporary Stent based on the Wax-up.

Indications:

- Anterior Crowns.
- Posterior Crowns.
- Veneers.
- Anterior or posterior bridges.
- Implants.
- Advanced cosmetic cases.

Dentist Will Receive:

- Diagnostic Wax-up.
- Duplicate Models.

Requirements for Diagnostic Wax-ups

Detailed Prescription and Notes

- Provide Detailed Case Design for Wax-up.
- Include occlusal concerns, esthetic concerns, soft tissue problems or changes, materials to be used and incisal edge length of the centrals (i.e., measure from the gingival margin to incisal edge of the central to create "Golden Proportions").
- Indicate on prescription whether soft tissue recontouring will be done.

Photographs

- Shoot full series of pre-operative photographs depicting different views for design of case (e.g., the AACD "12 Series" photos).
- Be sure to include photos of any midline or canting problems with a stick bite.
- Other useful views include a full-face shot of the patient and un-retracted smile shots to show lip contour.

Complete and Accurate Upper and Lower Master Impressions

- Ensure technician can see all 360° of the margins including the labial/buccal vestibules and hamular notches if mounting on the Accu-liner.
- Include the vestibules in impressions.
- Full arch polyvinyl siloxane impressions preferred if more than four teeth being prepared. Use full arch trays.

Bite Registrations

- Verify that the incisal edge of the centrals is parallel with the interpupillary line.
- Use plastic stick, not wood, as wood distorts when being disinfected.

Complimentary Products

Prep Indices

- Provides four "views", created from the approved Diagnostic Wax-up, as a guideline when completing preparations:
 - Incisal reduction (to ensure teeth are in proper arch form).
 - Labial Prep Guide sectioned to allow portions to be "pulled away" to verify amount of labial reduction needed (3 planes) (gingival, body and incisal).

Bite Stents

- Reflects bite registration prior to preparation.
- Maintains correct vertical and anterior/posterior position of the lower arch.
- When totally relined, reflects the prep-to-prep relationship.

Temporary Stents

- Allows quick fabrication of outstanding in-office temporaries – within ten (10) minutes!
- Created from approved Diagnostic Wax-up.



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