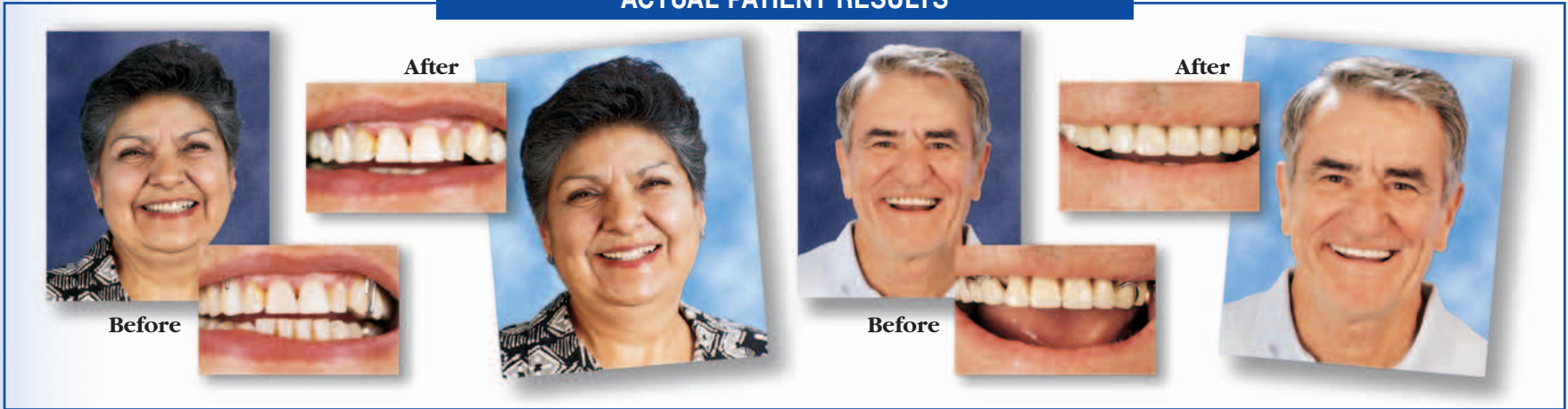




**ACTUAL PATIENT RESULTS**



**Standard Kenson Teeth**



**Premium Teeth**

**PARTIAL FRAMEWORK OPTIONS**



**Vitallium 2000**

**Titanium**

**Valplast\*\***

**Gold\*\*\***

**PARTIAL CLASP AND ESTHETIC DESIGN OPTIONS**



**Akers Clasp**

**I-Bar Clasp**

**ThermoFlex\***

**Valplast Clasp\***

**Attachments\***

\*These esthetic design options require lab verification. \*\*Valplast can be used with or without a metal framework. \*\*\*Price will vary depending on gold weight.

## Oral Examination

During the oral examination consider these areas and communicate the results, if necessary, to the laboratory.

- Does the patient exhibit any evidence of collapsed jaw relations by checking centric occlusion and is splint therapy an option?
- Is there malocclusion that can be clinically corrected?
- Can the remaining dentition be restored, or an existing opposing prosthesis be replaced, to optimize the design of the new partial?
- What is the health of the natural dentition?

## Patient Expectations

It is important that you obtain the patient's expectations through open-ended questions to determine if they are achievable. If these expectations cannot be met, then the patient should be referred to a specialist.

- What would you like to change most about your current partial? (If patient is unhappy with visible clasps explain his or her esthetic design options.)
- How would you describe the fit and comfort of your existing partial? (This may be an opportunity for Valplast saddles or stress-breaking designs.)

Provide this information on your RX including study models, bite registration and design. Return the case to us for preliminary design recommendations.

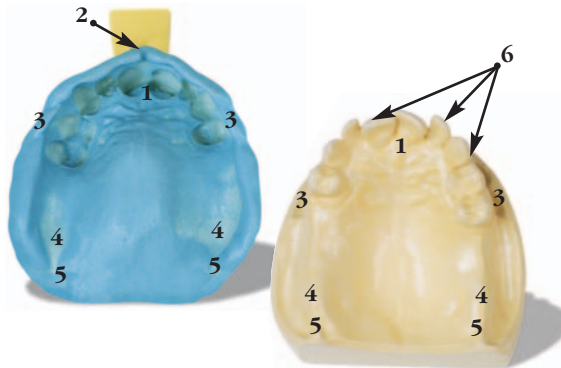
## Consultation Appointment

At this appointment you will receive your partial design recommendations along with estimated costs. It may include areas to prepare clinically for rest seats and/or recontouring. Include these items with your case:

- Final impressions/models
- Bite Registration
- If restoring of the bite is required provide an open bite registration.
- RX instructions

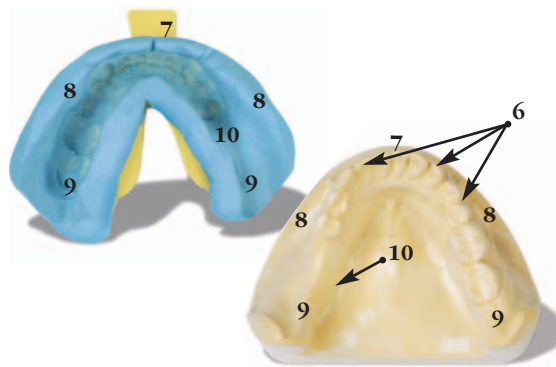
## IMPRESSIONS/MODELS

### Maxillary Arch



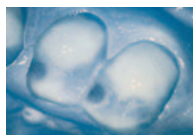
- |                     |                          |
|---------------------|--------------------------|
| 1. Incisive Papilla | 4. Maxillary Tuberosity  |
| 2. Labial Frenum    | 5. Hamular Notch         |
| 3. Buccal Frenum    | 6. All Coronal Dentition |

### Mandibular Arch



- |                  |                     |
|------------------|---------------------|
| 7. Labial Frenum | 9. Retromolar Pad   |
| 8. Buccal Frenum | 10. Mylohyoid Ridge |

### Rest And Gum-Line Detail



Impression



Model

Impressions of rest areas should be free of voids and capture the full depth of the prepared area.

## Partial Frame/ Occlusion Rim Evaluation



1. Place partial frame orally & evaluate fit. Clasps and rests should fit precisely to the teeth & not hold centric occlusion open.
2. If an occlusion rim is present, proceed to obtain centric occlusion. If anterior teeth are to be replaced, clearly mark esthetic information (midline, upper & lower lip line, proper lip support).
3. To obtain centric occlusion, adjust rims subocclusally and key. Then guide the patient into centric occlusion, and inject bite material between the keyed wax plane and opposing surface.

## Wax Set-up Try-in Evaluation



1. Place the wax set-up orally and evaluate centric occlusion of the posterior teeth. If anterior teeth are involved, evaluate esthetics and reposition if necessary.
2. If adjustment is needed, heat the wax with a hot spatula and reposition the teeth. After you are satisfied with the position of the teeth make sure they are well secured in the wax.
3. When the centric occlusion is off and you cannot reposition the teeth, remove them and refer to step number three above.

## REST PREPARATIONS

### Occlusal Rest



1/3 width of faciolingual,  
1/2 width of cusp tips      Rest Depth  
at least 1mm

### Channel Rest

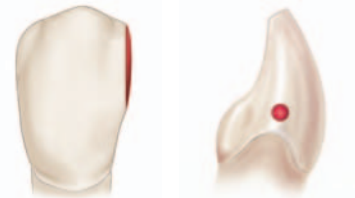


### Inverted V Rest

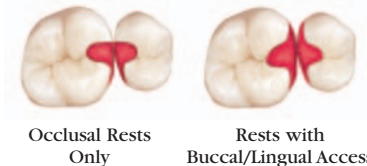


### Guide Plane

### Retentive Prep



### Interproximal Preparation



Occlusal Rests  
Only

Rests with  
Buccal/Lingual Access