

Precision Attachment Sequence



At ROE we have been successfully restoring our clients implant and attachment cases since the advent of these modalities. Our staff, lead by our implant specialist Joe Ambrose CDT, is adept at all the major and many of the smaller implant and attachment systems.

Although we work with many attachments from around the world we find that our clients most frequently request ERA. Hadder clips, Ceka, Rotherman, GL, Dalbos, Orings, GA, Sterns, Zagg, ASC-52, Dawson, Bredent and Zest.

Dentists and dental laboratories are better prepared to produce superior prosthetic results than ever before. However, too often dentists and dental laboratories pull in opposite directions while striving to achieve the same goal. These problems can almost always be traced not to the lack of ability but to the absence of communication. Each of us must know the intent of the other at all stages of prosthetic construction. Working together and understanding the objectives of each other, the dentists and his or her laboratory will produce perfection without frustration.

In an effort to eliminate any misunderstanding we are recommending two simple and accurate protocols for the construction of combination fixed and removable cases and implant cases.

Appointment sequence for fixed and removable combination cases including precision attachments, overdentures and crowns designed for partials.

Appointment 1 Consultation and Diagnostic Models

Patient education and consultation is the first step in any prosthetic procedure. After treatment has been discussed, full arch diagnostic models and accurate bite registrations are taken for laboratory evaluation. Send your case to ROE requesting custom trays. Your case will be carefully evaluated and the multitude of alternative attachments will be considered. We will return custom trays for the final impression. We will also include the suggested treatment plan and estimate of laboratory fee.

Appointment 2 Final Impressions

It is imperative that you select an impression material that can be accurately poured a second time. Utilizing the laboratory constructed custom trays take a full arch upper and lower impression. Master impressions must include all landmarks necessary for partial denture construction. Send master impression (unpoured), opposing model, study models, and detailed instructions to ROE.

We will perform the preparatory work constructing one model with removable dies for the crown and bridge construction and a second full arch model poured in a resin which will be used for the removable appliance. If you prefer to fabricate your own crown and bridge model, please send the master impression to the laboratory for the pouring of the partial model, Stabilized bite blocks will be made and returned.

Appointment 3 Registrations

Centric and esthetic registrations are taken with the stabilized biteblocks provided. Please include as much cosmetic information as possible. At this phase of construction the majority of the laboratory work will be completed. Crowns will be constructed, the partial will be cast, setup and returned for try in. Laboratory time requirements between appointment 3 and 4 can be up to three weeks depending upon precision attachment availability.

Appointment 4 Try in

Try in the case to verify fit, function and esthetics. Make any necessary adjustments and return the case to ROE for completion.

Appointment 5 Insertion

The completed case is inserted. Centric, protrusive and lateral excursions are checked and another ecstatic patient is dismissed. We suggest the patient return to the office for a mill in appointment in 48 to 72 hours.

Appointment sequence for implant cases.**Appointment 1 Pre-surgical consultation**

Patient education and consultation is the first step in any prosthetic procedure. After treatment has been discussed, full arch diagnostic models and accurate bite registrations are taken for laboratory evaluation. Your case will be carefully evaluated and the multitude of alternative implant components and attachments will be considered.

Appointment 2 Case planning meeting

The general practitioner, laboratory and surgeon should review the case in person, or via telephone or written correspondence. We will return or fax the suggested treatment plan and estimate of laboratory fee.

Appointment 3 Final Consultation

The final treatment plan and fee is discussed with the patient. Study models should be taken and sent to the laboratory for the construction of the surgical stent.

Appointment 4 Surgery and healing**Appointment 5 Preliminary Impressions (optional)**

The implant sites are uncovered and impressions are taken for custom trays

Appointment 6 Final impressions

It is imperative that you select an impression material that can be accurately poured a second time. Utilizing the laboratory constructed custom trays take a full arch upper and lower impression. Master impressions must include all landmarks necessary for construction. Send master impression (unpoured), opposing model, study models, and detailed instructions including the type and diameter of implant placed.

We will perform the preparatory work constructing a soft tissue model for cases, which involve subgingival margins. If you prefer to fabricate your own crown and bridge model, please send the master impression to the laboratory.

Appointment 7 Fabrication

At this phase of construction the majority of the laboratory work will be completed. Crowns will be constructed, overdenture bars will be cast and the case will be returned for try in (optional). Laboratory time requirements between appointment 3 and 4 can be up to three weeks depending upon precision attachment availability.

Appointment 8 Try in (optional)

Try in the case to verify fit, function and esthetics. Make any necessary adjustments and return the case to ROE for completion.

Appointment 9 Insertion

The completed case is inserted. Centric, protrusive and lateral excursions are checked and another ecstatic patient is dismissed. We suggest the patient return to the office for a mill in appointment in 48 to 72 hours.