

Chairside Fabrication & Pick-Up of a RAPID Appliance

The RAPID APPLIANCE is a technique that will eliminate 2+ appointments from the final prosthetic conversion. This appliance is created on the day of implant surgery, after the conversion of the immediate denture and equilibration, OR utilized as a method duplicating an existing prosthetic for the purpose of records capture for the laboratory.

Chairside Protocol for the Pick-Up – Existing RAPID Appliance

- 1.) Place RAPID Appliance onto the abutment heads and check to make sure that at least 2mm of space exists between the gums and the appliance. If 2mm of space does not exist create the space with a bur on the intaglio surface of the RAPID.
- 2.) Remove the appliance and apply tray adhesive to the intaglio surface, buccal and lingual peripheral surfaces of the appliance.
- 3.) Screw the appliance into position onto the abutments.
- 4.) Check the bite and make adjustments where needed.
- 5.) Register a bite (the occlusion should be very accurate already)
- 6.) Inject impression material under the appliance and on the peripheral borders to capture the new tissue position.
- 7.) Remove the appliance from the mouth.
- 8.) Return the appliance, the bite and a new opposing model to the lab.
- 9.) Request on the Rx that the lab mounts the case, make a cad bar, make a setup on the bar for try in. The tooth position of the RAPID Appliance will be replicated on the tooth setup and returned for try in.
- 10.) If the try in is successful return the case for finish. If changes need made a reset for try in will be done.

How to create a RAPID Appliance

- a) The temporary or permanent prosthetic is unscrewed and removed
- b) In the on-site lab area, the prosthesis is screwed to an existing analog model, or a model is created with analogs
 - a. If model is not present, create by adding analogs to the prosthesis and set in stone (youtube video link)
- c) Once screwed down, lab putty is molded around prosthesis and the model, set and removed
- d) Fill flask with resin and seat on the model. It is important that the temp cylinders reach the flask so they may be located.
Watch the video for details on fabrication of the flask and adjusting the analogs.



Figure 1 Prosthetic is flasked with putty

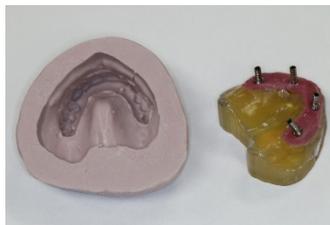


Figure 2 Analog Model w/ Duplicate Temp Cyl's,



Figure 3 New RAPID

