

COMBINED RETENTION ATTACHMENT

For Multi-Functional Prosthetics

OT UNILATERAL



RETENTIVE CAPS OT CAP Micro

-  Clear • Standard
-  Pink • Soft
-  Yellow • Extra Soft
-  Green • Elastic
-  Black • Processing

RETENTIVE CAPS OT Strategy for duplication

-  Clear • Standard
-  Pink • Soft
-  Yellow • Extra Soft
-  Black • Processing

TOOLS

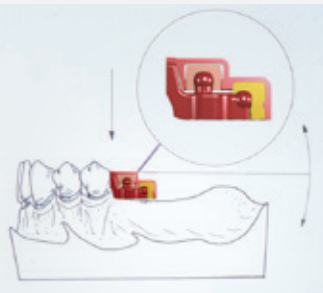


OT STRATEGY CAPS INSERTER/EXTRACTOR TOOL



The OT UNILATERAL castable attachment from Rhein83 is specifically intended for unilateral, bilateral or implant bar applications without additional support from milled bracing arms.

OT UNILATERAL's exclusive design features a two-in-one combination of 1.8 mm horizontal and vertical spheres utilizing OT CAP and OT STRATEGY micro size female caps. The male section of the attachment is engineered with a vertical strut which extends through the base of the attachment providing exceptional lateral stability and distal support to the prosthesis.



The Uni-Box female component is a one piece castable housing that covers the entire male section, adding superior strength to the acrylic.

LABORATORY



EXCLUSIVE FEATURE

2-IN-1 DESIGN - A COMBINATION OF HORIZONTAL AND VERTICAL MICRO SPHERES ARE USED WITH THE OT CAP AND OT STRATEGY ATTACHMENT SYSTEMS



MULTIPLE BENEFITS

BECAUSE OF IT'S UNIQUE DESIGN, OT UNILATERAL PROVIDES:

- * LATERAL STABILITY
- * NO MILLING REQUIRED
- * SUPERIOR RETENTION
- * CONTROLLED RESILIENCY
- * OVERALL FUNCTIONALITY
- * ECONOMICAL SOLUTIONS

UNILATERAL SADDLE: ATTACHMENT AND OVERSTRUCTURE UNIQUE PHASE SETTING UP



Positioning of the OT UNILATERAL bar using the OT CAP paralleling mandrel by starting with the analysis of the masticatory plan. Proceed by connecting the bar to the last modeled wax crown.



Place the positioning ring over the OT CAP micro sphere. Place the castable OT BOX component in position, the positioning ring will assure the proper position.



Join the Uni-Box component to the connector by using a pattern resin in order to reinforce the structure. Be careful not to have any material inside the Uni-Box component.



Remove the positioning ring by the OT CAP sphere and proceed with the sprue procedure.



Unique fusion is one of the best features of the UNILATERAL attachment.



Fused UNILATERAL and Uni-Box. Sandblast the casting by keeping attention not to "over-sandblast" the spheres. Insert the black laboratory caps and proceed by polishing the sphere.



In order to provide the optimal stability, wax-up carefully the saddle in order to embrace the ridge as much as possible.



Completed procedure: proper retentive caps (adequate degrees of elasticity) are placed inside the fused Uni-Box component

BILATERAL STRUCTURE: RESILIENT FUNCTIONALITY AND FREE MILLING PROCEDURE



Place the positioning ring over the OT CAP micro sphere. Place the castable OT BOX component in position, the positioning ring will assure the proper position.



Finished work: Ot cap and Ot Strategy caps, with the proper retention features, are inserted inside the Ot-Box component.

IMPLANT SUPPORTED BAR: DISTAL EXTENSIONS AND COMBINED FUNCTIONALITY



Once the components to build the bar are inserted, place the OT UNILATERAL bar by using the OT CAP mandrel and by analyzing the masticatory plan. Connect it then distally to the modeled bar.



Cast bar thanks to the combined functionality of the OT UNILATERAL. The prosthesis will count on a improved stability without any additional stress over the implants.