Case 1

Titanium Alloy Laser Assembled Implant Bar

Hader clip/ O-ring Retained RP5

Case 2 O-ring Retained RP5 with Laser assembled Stainless Steel Reinforcement

Acrylic gets its strength from thickness. We like to incorporate a Stainless Steel wire subframe inside our overdentures for additional strength. We laser- weld the O-Ring housings directly to this steel frame. This prevents any attachment movement during the acrylic processing stage.

Case 3 Maxillary RP4 Hader Clip Retained Overdenture with Passive Plus

What do you do with this!?!?!? Passive Plus is a ball socket system for implant bar construction which facilitates draw in divergent implant situations. It allows the bar to be fabricated to properly support the prosthesis

Grossly Divergent Implants

The Passive Plus ball/socket allows the bar to be seated in segments

The bar segments are aligned to support the overdenture

Finished RP4 with CoCr subframe and open palate

Case 4 Mandibular Bar Overdenture RP4 Clip and O-Ring retained

Case 5 Mini FP3 Acrylic Implant FPD Screw Retained

A practical, highly serviceable, implant restoration. Acrylic occlusion is kinder to the implant because it absorbs bite shock better than porcelain fused to metal. It is also kinder to the opposing dentition. When the denture teeth wear, new teeth can be processed in a day. If adjacent dentition is lost, denture teeth can be added to this restoration without remaking the restoration. This is also an excellent restoration for immediate or progressive load cases.

Titanium UCLA placed on the model . titanium bar segment cut to fit.

Retentive loops are laser welded to the subframe for acrylic retention. The subframe is also sandblasted.

Denture teeth are set.

Screw access holes are cut and the denture teeth are processed to the subframe in pink acrylic

Case 6 Milled Removable Hybrid- A highwater RP4 with GES Gold over-sleeve Swisslock NG plunger retined

Laser Assembled Titanium alloy Milled Bar- No Casting

GES Gold Electroformed Sleeve wit Laser welded Stainless Steel reinforcement

Denture teeth are set and processed to the gold sleeve. Swisslock NG attachments are cold cured in for retention.

A removable highwater design for hygiene and comfort. There is no acrylic contact with the tissue.