

D-PAS Construction Triad

Accurate Upper Model

Model has lingual of all teeth, Palate and retro-molar areas

Block Out, Separation Layer

Block out severe (> 4 mm) undercuts with quickset stone

Rub on Model Releasing Agent (Vaseline)

Shape Triad

Shape Palatal as if orthodontic retainer 2-3mm thick

Alcohol on finger keeps it from sticking

Make wings retro-molar areas

If not able to get wings can make cutout on lingual for removal

Add anterior stop-

1/2 way down lingual if deep bite

To the incisal edge if regular bite

Extend beyond incisal edge for anterior open bite

Smooth with finger and Air Barrier Coating (ABC)

Cure and Remove

Cover with Air Barrier Coating (ABC)

Cure 8 minutes in Triad Curing Unit

Remove D-PAS from model Immediately using Buffalo Knife to lift from wing section



Alcohol
Gauze



Shape and Polish

Smooth and shape with Messinger HM75 070 acrylic bur

Anterior stop parallel to the occlusal plane

Final Polish

Preat F-8 Silicon Polisher

Keystone Scotchbrite Polisher, 1" Fine

Robinson Bristle Brush, #12 Soft

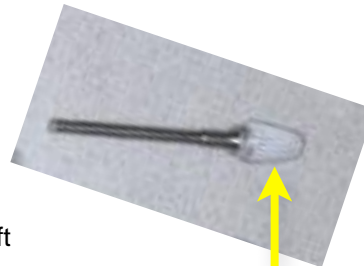
Adjust D-PAS in mouth

Even contact Right and Left incisors only

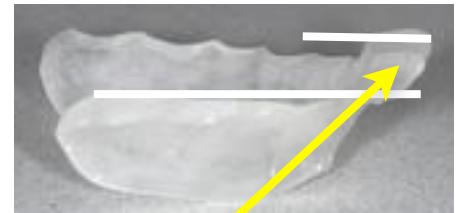
Only need one contact right, one contact left

Bite is opened minimally: 1-2mm in posterior

OK for teeth will be in contact in excursive movements



Flat Grinding
area



The anterior stop is parallel to the occlusal plane, which will be roughly perpendicular to the arc of closure

Reline with clear Triad

Apply Triad bond, Air dry after 1 min, Cure

Add thin 1mm layer clear triad

If appliance has good retention, only reline cuspid to cuspid

If appliance is loose, reline whole appliance.

Place in mouth

Carefully wipe excess with gauze without dislodging D-PAS

Careful Quick Cure, keep light moving, less than 0.25 seconds in any one area

Triad gets very, very hot on setting

Remove using Woodson Instrument

More light curing chairside. Optional: Cover with Glycerin or ABC.



Finish curing

Scrub off so as not to contaminant curing oven

Final Shape and polish: Preat F-8, Scotchbrite, Robinson Bristle

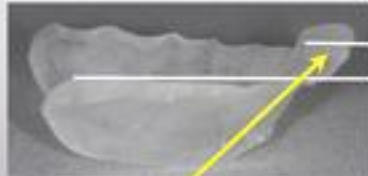
Cover in Air Barrier Coating (ABC)

Cure 8 minutes in Triad Oven



D-PAS Construction Triad

D-PAS Orthotic Diagnostic Palatal Anterior Stop Orthotic



The anterior stop is parallel to the occlusal plane, which will be roughly perpendicular to the arc of closure



Wing is off the tissue



Wing does not wrap around the tooth



Apply even layer of Triad clear gel, 2mm thick on tissue side in either front section only, cuspid to cuspid, or the whole orthotic depending on retention desired



Seat in mouth



Wipe away Excess



Carefully Cure.

Triad gel will get very hot if cured too fast. I use Valo light in high power mode and keep the light moving so no one area has light for more than 0.25 seconds at a time. All surfaces are exposed including the palate and distal to the molars.

Using a PFI Woodson get under the edge of the orthotic distal to the molars and lift. If it comes off remove the orthotic. If it partially lifts off, use your finger in the same manner as the PFI to partially lift the orthotic and slip the PFI Woodson between the orthotic and the first molar. This will give you a good purchase point to leverage the orthotic off the teeth.



Finger Pressure