



Using The Triad® Denture Reline Fixture

For Hands-On Control From Design To Delivery

The Reline Fixture allows visible light penetration for optimum curing of light cured reline materials in a TRIAD® Curing Unit. In addition, varying casts may be mounted with gypsum or TRIAD® TranSheet® Translucent Sheet Material as the indexing or luting agent.*



PREPARATION:

1. Use customary disinfection and handling procedures for an indirect denture reline; pour, bead, box, and index cast as usual.
2. Position cast with denture and impression still on it in the Reline Fixture to determine best configuration for posts. The outermost holes of the two clear Lexan® Discs **do not** allow the Curing Unit Table to be raised as high as the innermost. Whenever possible, use inner series of holes; this will accommodate most casts and allow maximum table adjustment and light exposure for curing.

s INDEX AND MOUNTING:

1. Lightly lubricate bottom disc with TRIAD® Model Release Agent (MRA). Place enough modeling compound in holes to fill them. Adapt a sheet of TRIAD TranSheet onto the disc and firmly pat in place pushing it partly into holes (displacing some modeling compound).
2. Lubricate occlusal surfaces of the teeth and any other areas which might touch TRIAD material with MRA. Place denture-impression/cast onto the soft TranSheet to create a uniform index. Cure for two (2) minutes in a TRIAD unit*.
3. Moisten stone cast and apply stone for mounting. Place upper disc over posts and tighten down washers with wing nuts. Fill holes with stone and create small buttons of stone for retention; set.

*or the Enterra® VLC unit.

RELINING PREPARATION:

1. Open fixture by removing wing nuts and washers. The denture with the impression inside should come off with the upper disc, and the TranSheet index should remain on the lower disc.
2. Remove denture from cast with care. Eliminate impression material and grind approximately 1mm from all tissue contact areas. Reduce peripheral border areas as desired. It is advisable to extend a chamfer or 'bead' onto the buccal flange to provide a definite finish line for easy material adaptation.
3. Apply MRA to cast and prime ground areas of denture with bonding agent or Lucitone® Heat-Cure Liquid. If TRIAD® VLC Bonding Agent is used, allow for one (1) minute bench set and then place in unit for one (1) minute. If Lucitone Liquid is used, adapt TRIAD VLC Reline Material or TRIAD® VLC Denture Base Material to the prepared denture while it is damp from the monomer. Be certain to ensure intimate contact of material with denture base.

CAUTION: Do not cover puddles or very wet monomer surfaces with TRIAD material and cure.
4. Place filled dentures into the TranSheet occlusal index. Work the upper member with cast into the reline material while guiding posts into the appropriate holes. Replace washers and wing nuts, tightening them slowly to place. Remove excess (or add if necessary). Blend material to finish line carefully. Care and effort during this step will minimize the finishing and polishing necessary after curing.
5. Insert TRIAD Fixture assemblage into the curing unit. Be certain the door closes fully and check the turntable for clearance. Adjust position of denture so that the reline material is as even with the sight line as possible. Cure for two (2) minutes.
6. Remove assemblage; apply ABC to reline material.
7. Re-insert assemblage into unit with cast side down. Adjust turntable to maximum height without fixture touching lamps while turning. Cure for six (6) minutes.
8. Remove assemblage, disassemble out of index, and carefully remove cast from relined denture. Paint tissue area of reline with ABC and cure tissue side up for two (2) minutes.
9. Remove all traces of ABC with soap and warm water.
10. Finishing should be minimal using usual denture polishing techniques.

NOTE: Material may be added at any time; however, after curing and finishing has been performed, or if ABC has been used, bonding agent is required.

NOTE: See Enterra® VLC unit Reference Guide for Triad materials with correct processing times, which is located in the Enterra User Manual.

DENTSPLY

Trubyte®
Triad®
Light Curing System