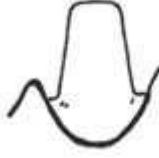

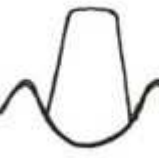



Four Basic Margin Preparations

There are four basic types of margin preparations. The Full Shoulder (Butt) preparation is usually suggested for porcelain jackets. The other basic types are Bevel, Feather and Chamfer.

	<p>The Full Shoulder or butt preparation is used in porcelain jacket work. There are to be no over-extensions and care should be taken to cover the full shoulder of the preparation.</p>
	<p>The shoulder with Bevel is cut with a long tapered diamond instrument, or bur. This is done to create a taper which provides and permits the margin to be burnished.</p>
	<p>The Feather is one which has no shoulder and because of this, should be marked or ditched by the doctor to avoid errors.</p>
	<p>The Chamfer preparation is similar to the butt except it is more rounded and may also be burnished. This is usually done with a round ended bur or diamond instrument. This also requires a bevel at the margin.</p>

4 STAGE ADHESIVE BONDING

This Checklist is designed to serve as a road map for the adhesive bonding of single and multiple units, regardless of the bonding system utilized.

Stage 1: Try-in Restoration

- Remove the temporary and CLEAN the tooth (chlorohexidene wash.)
- CHECK for the etch (on the internal surfaces of the restoration.)
- TRY-IN DRY to check for fit and contour.
- STOP! DO NOT Check the occlusion at this time, nor allow the patient to bite-

the restoration must be bonded first.

Stage 2: Treat the Restoration

- CLEAN with water, etchant and more water.
- Apply a coat of SILANE and let air dry.
- Apply the UNFILLED RESIN and thin it with a brush.
- STORE the restoration in a light protective box.

Stage 3: Treat the Tooth

- Place the RUBBER DAM
- ETCH the tooth (enamel for 15-seconds; dentin for 10-seconds.)
- Apply a WETTING AGENT (Chloroexidene wash) to the tooth.
- Apply multiple coats of PRIMER and air dry.
- Apply the BONDING AGENT and thin it with a brush.
- Apply the UNFILLED RESIN and thin it with a brush.

Stage 4: Lute Together

- MIX the catalyst and base of the luting cement.
- SEAT the restoration.
- SPOT CURE (for 20 seconds) and thoroughly CLEAN away the excess.
- Apply GLYCERIN gel to the margins.
- Completely LIGHT CURE the restoration (2 minutes on each aspect).
- Occlusal adjustments and FINISHING.