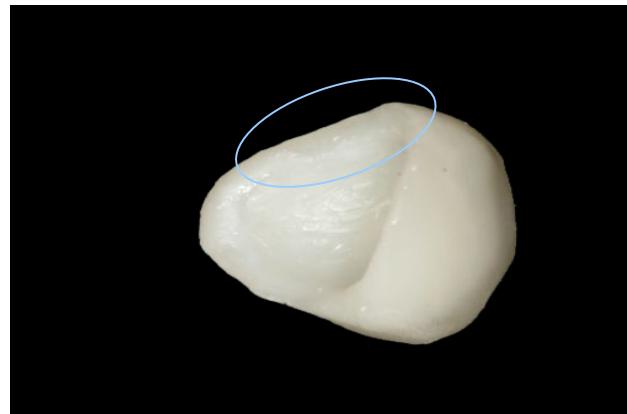
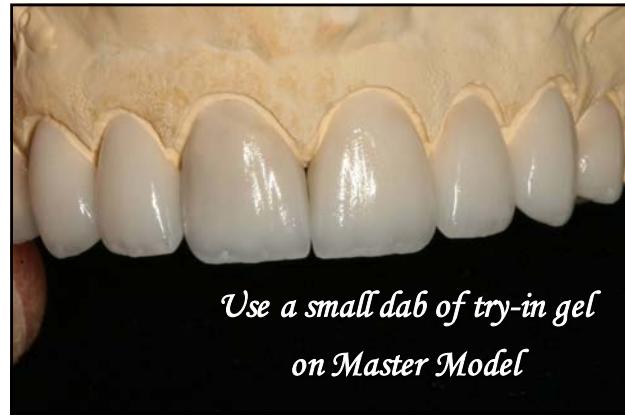
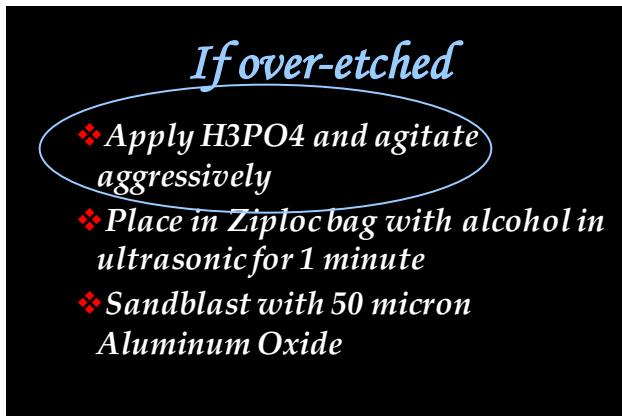


# *“Tack & Wave” Cementation*

*Veneers and anterior crowns*







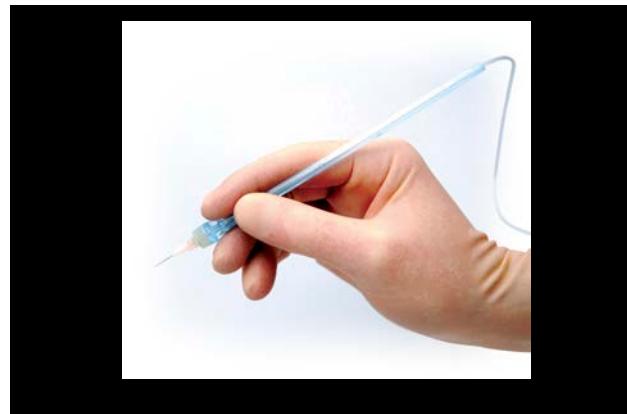
*When the restorations are returned from the lab:*

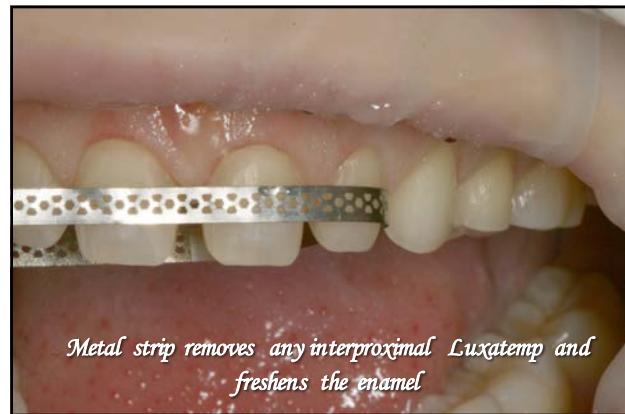
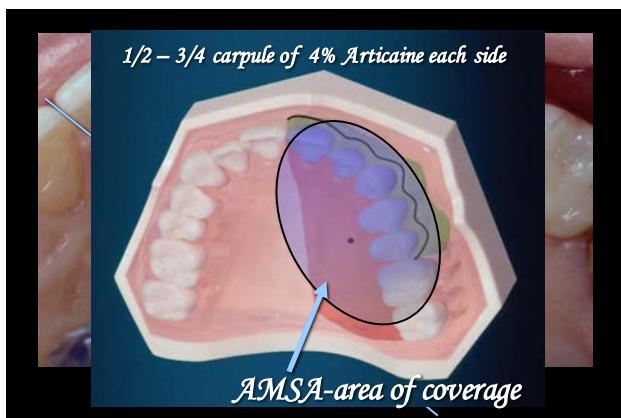
- ❖ Check internal for etch
- ❖ Check incisal edges for fractures
- ❖ Check fit on Master Model
- ❖ Check shade on prep die

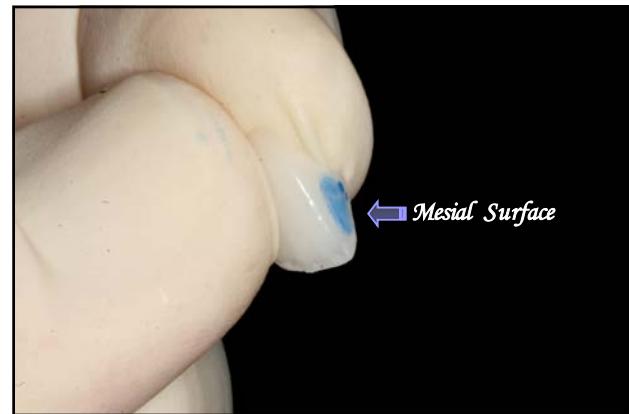
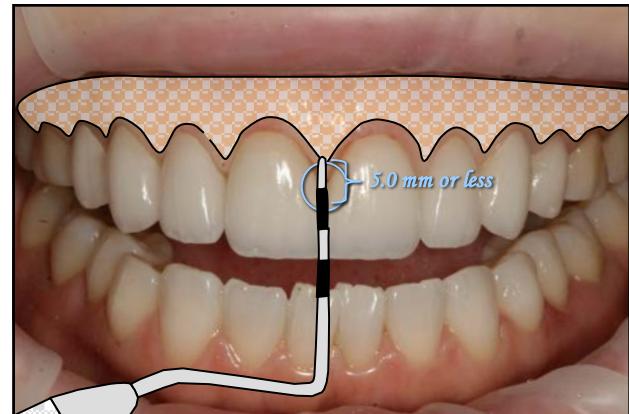


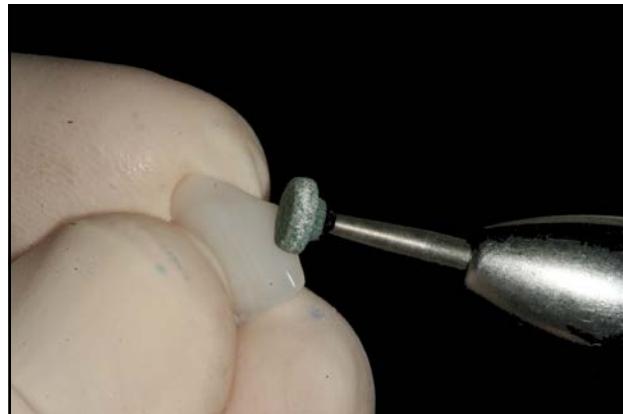
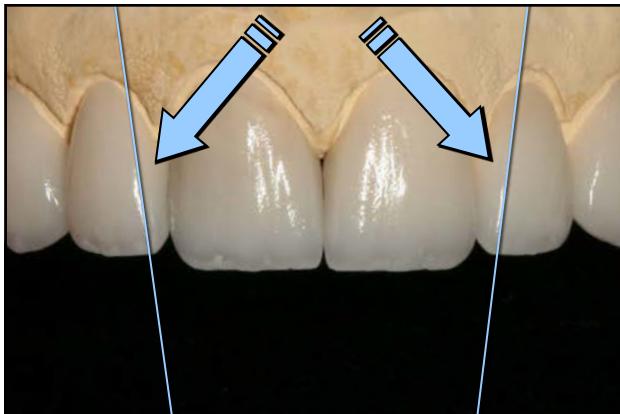
*When the restorations are returned from the lab:*

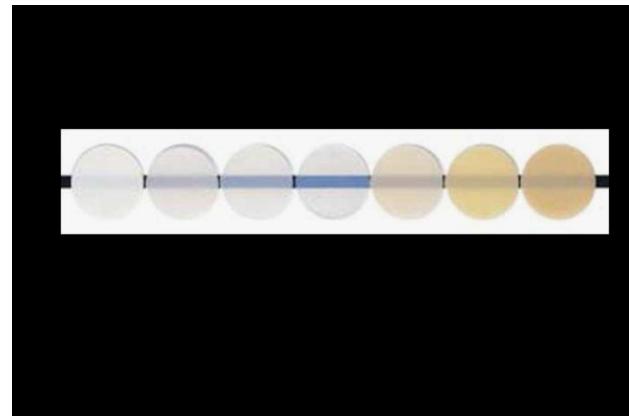
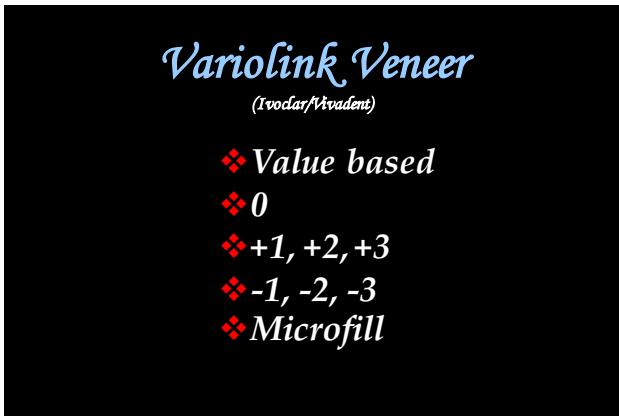
- ❖ Check internal for etch
- ❖ Check incisal edges for fractures
- ❖ Check fit on Master Model
- ❖ Check shade on prep die
- ❖ Check length of central incisors and compare to prescription

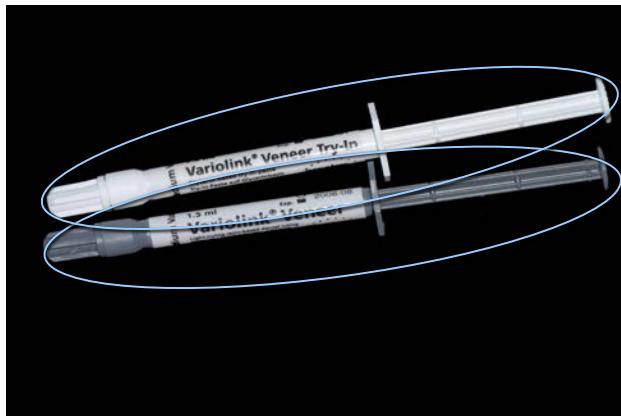








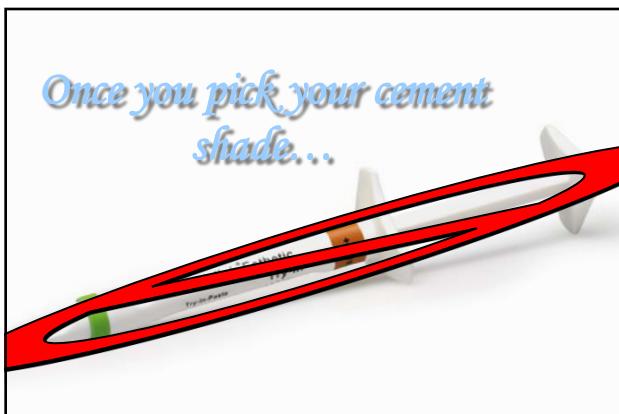




*Place thin layer of try-in gel into restoration*



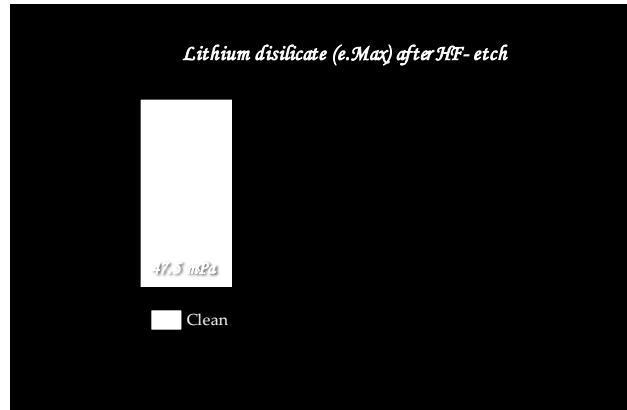
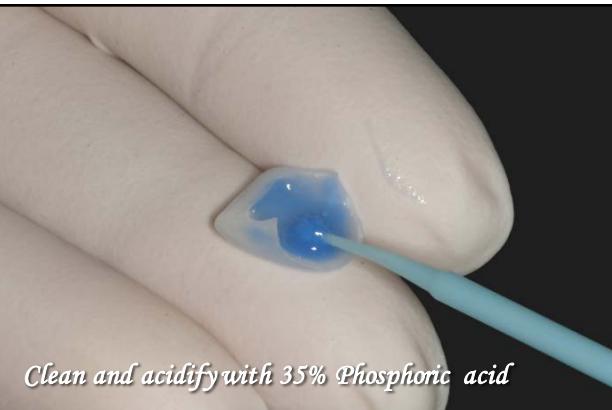




*Look at the Forest....  
...and then each tree!*

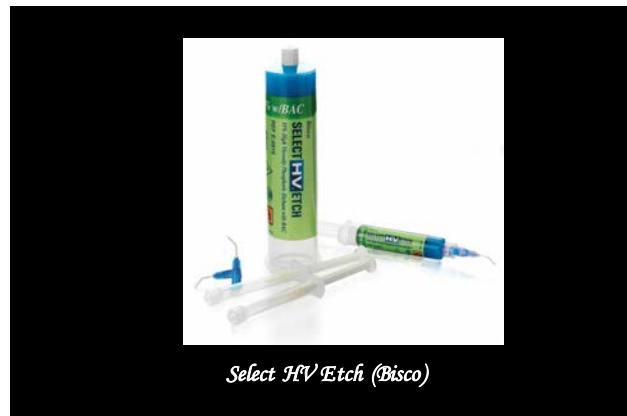
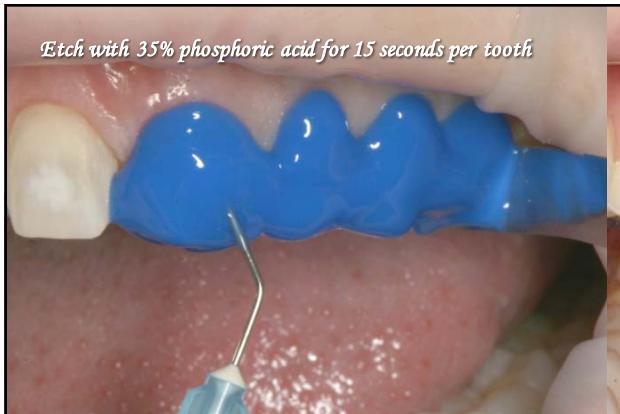
*Generalities  
(uniform thickness veneers)*

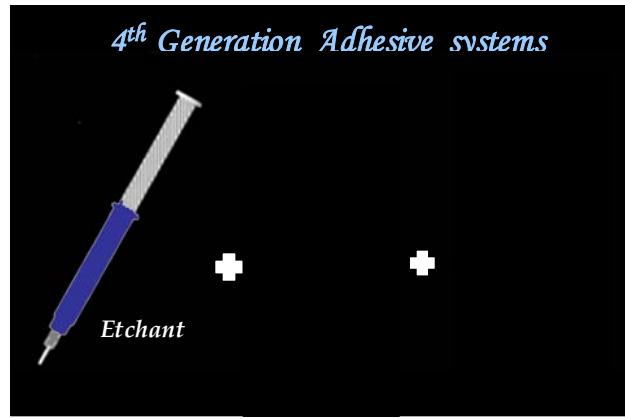
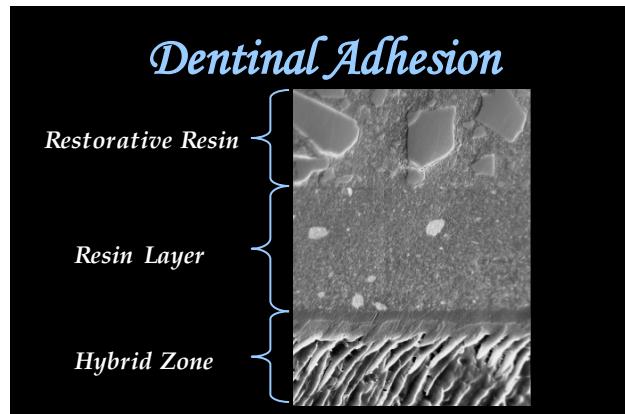
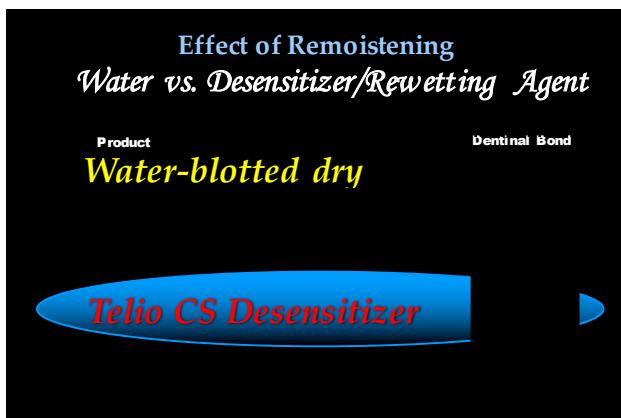
- ❖ *Incisors: "0" or clear*
- ❖ *Canines: + 2 or milky white or higher value*
- ❖ *Premolars: Always -3 or warmer cement*







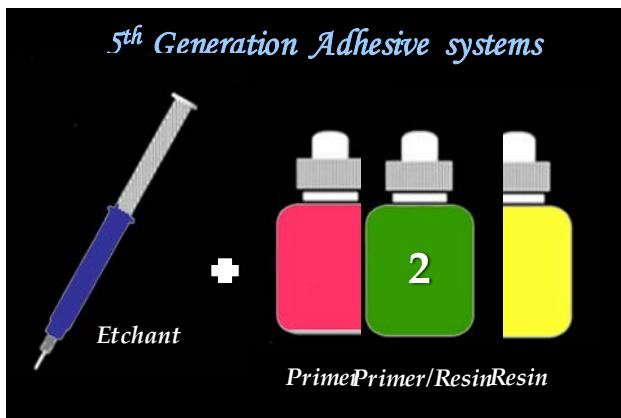






### *Applications of 4<sup>th</sup> Generation Adhesive Systems*

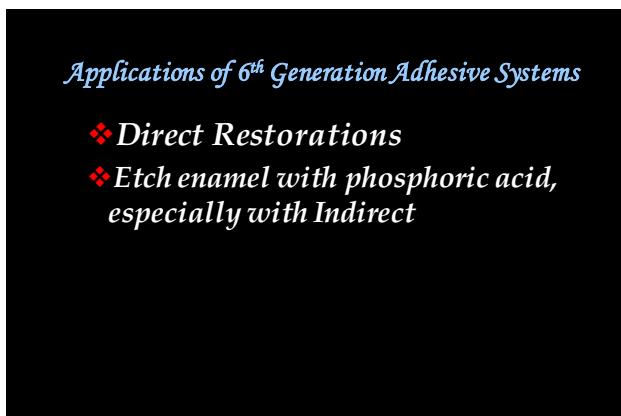
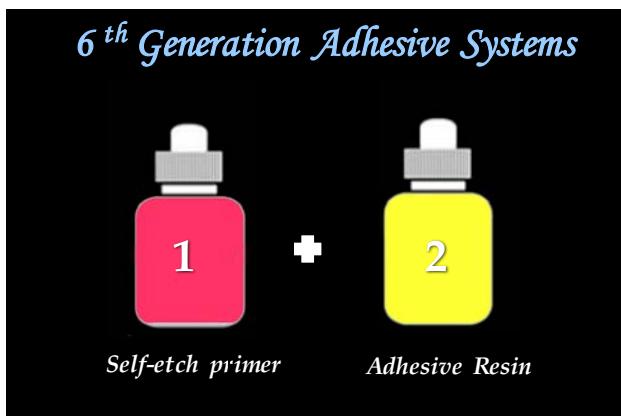
- ❖ *Everything*
  - ❖ *Direct*
  - ❖ *Indirect*
  - ❖ *Self-cure*
  - ❖ *Posts/cores*
  - ❖ *Sealing dentin in a dark environment*

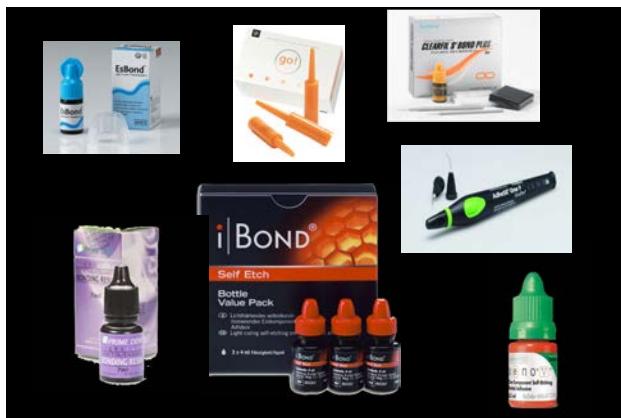


### *Applications of 5<sup>th</sup> Generation Adhesive Systems*

- ❖ *Direct Restorations*
- ❖ *Indirect where it can be polymerized with light*
  - ❖ *Veneers*
  - ❖ *Anterior all-ceramic crowns*
  - ❖ *Ceramic inlays/onlays*

*“Self-Etch”*





*There is a direct correlation  
between hydrophilicity of the resin  
and resin degradation*

Tay, et al.

Tay (et al) similarly concluded that 1-layer Self-Etch **Water Trees** are **semipermeable membranes**.

(Tay, Suh, Pashley, Cavalho; J Dent 2002; 30:371-382)

*Applications of 7<sup>th</sup> Generation Adhesive Systems*

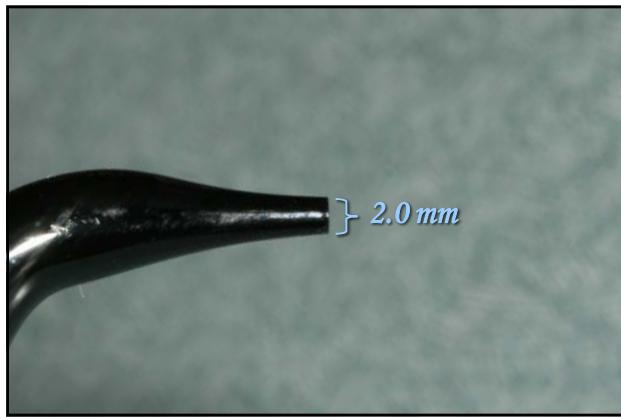
- ❖ Direct Restorations
  - ❖ Etch enamel with phosphoric acid
- ?

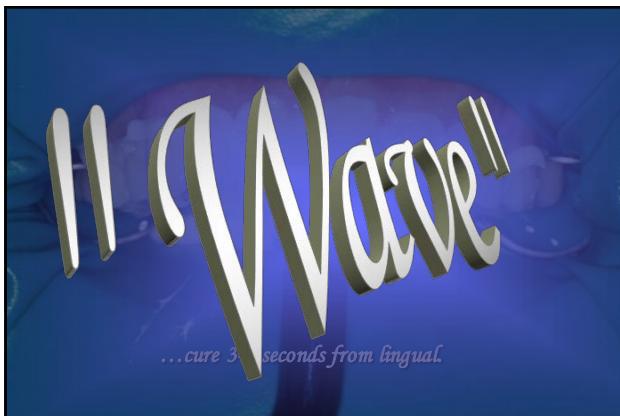
## *Universal Adhesives*

8<sup>th</sup> Generation adhesive systems



*Hydrophobic*







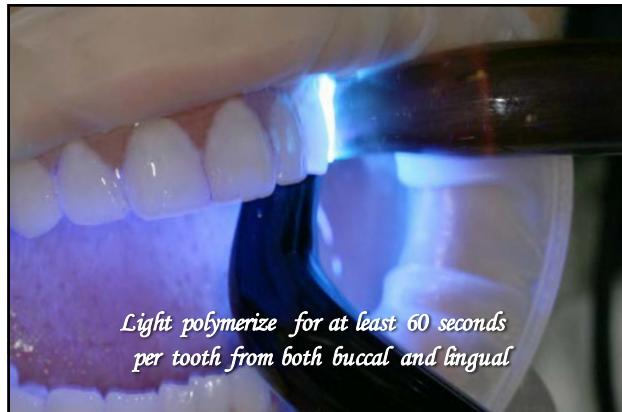
*Floss through contacts using a Brasseler Serrated Saw*



*Floss through contacts using waxed dental floss*



*Place DeOx (Ultradent) or Liquid Strip (Ivoclar) on all margins*



*Light polymerize for at least 60 seconds per tooth from both buccal and lingual*

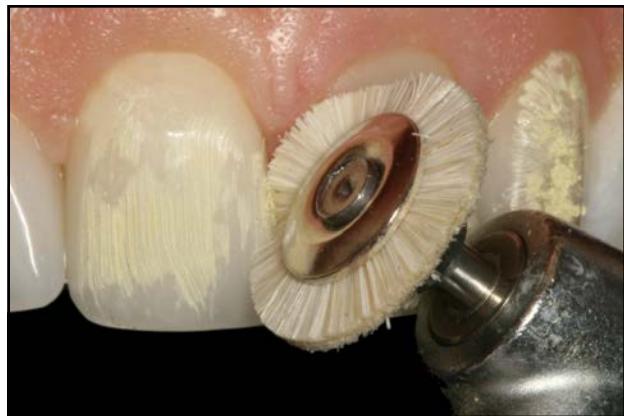


*Remove excess resin cement with Scaler,  
#12 & #15 Bard-parker Blades*



*Run Serrated Saw through contacts*





*Porcelain polishing system (Diashine)*



*DiaShine in Goat hair brush*





*Questions?*