


Efficient Bonding With Fuji ORTHO LC CAPSULE


1 Capsule = 1 Full Arch Bonded



Prior To Bonding Appointment

- Fuji Ortho LC Capsules stored in the refrigerator
 - Glass slab stored in the freezer (or refrigerator)
 - Tray prepared with instruments and accessories needed to complete bonding procedure
- 

Contents Of Tray

- Brackets in holders sequenced for placement
 - Accessories typically used
 - Round toothpicks for placement of adhesive
 - 1 cotton roll moistened with water
- 



Bonding Procedure

- Using a prophylaxis cup or a brush, clean the bonding surfaces of the teeth with plain (non-fluoridated) pumice and water; rinse with water.
- Apply GC Ortho Conditioner to the bonding surfaces of the teeth for 20 seconds; rinse.

Bonding Procedure

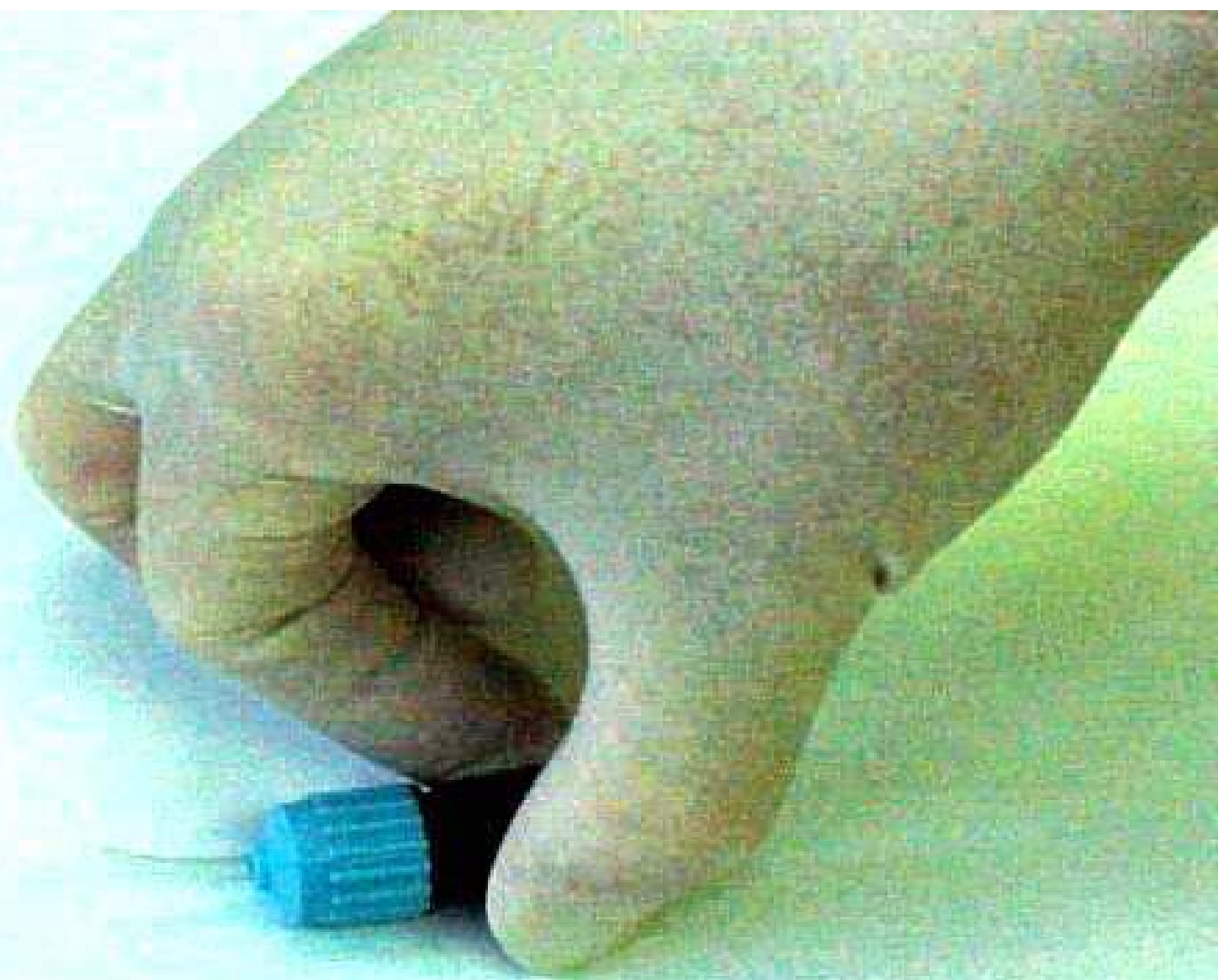
- During enamel pre-treatment procedures, take 1 Fuji Ortho LC Capsule from refrigerator.
- Take the glass slab from cold storage.
- To prevent moisture condensation from adversely affecting the adhesive, place 1 sheet of paper from a mixing pad on the glass slab.
- Place the glass slab on tray.



Capsule Activation

Tap the capsule on a hard surface to loosen any powder that might have settled.

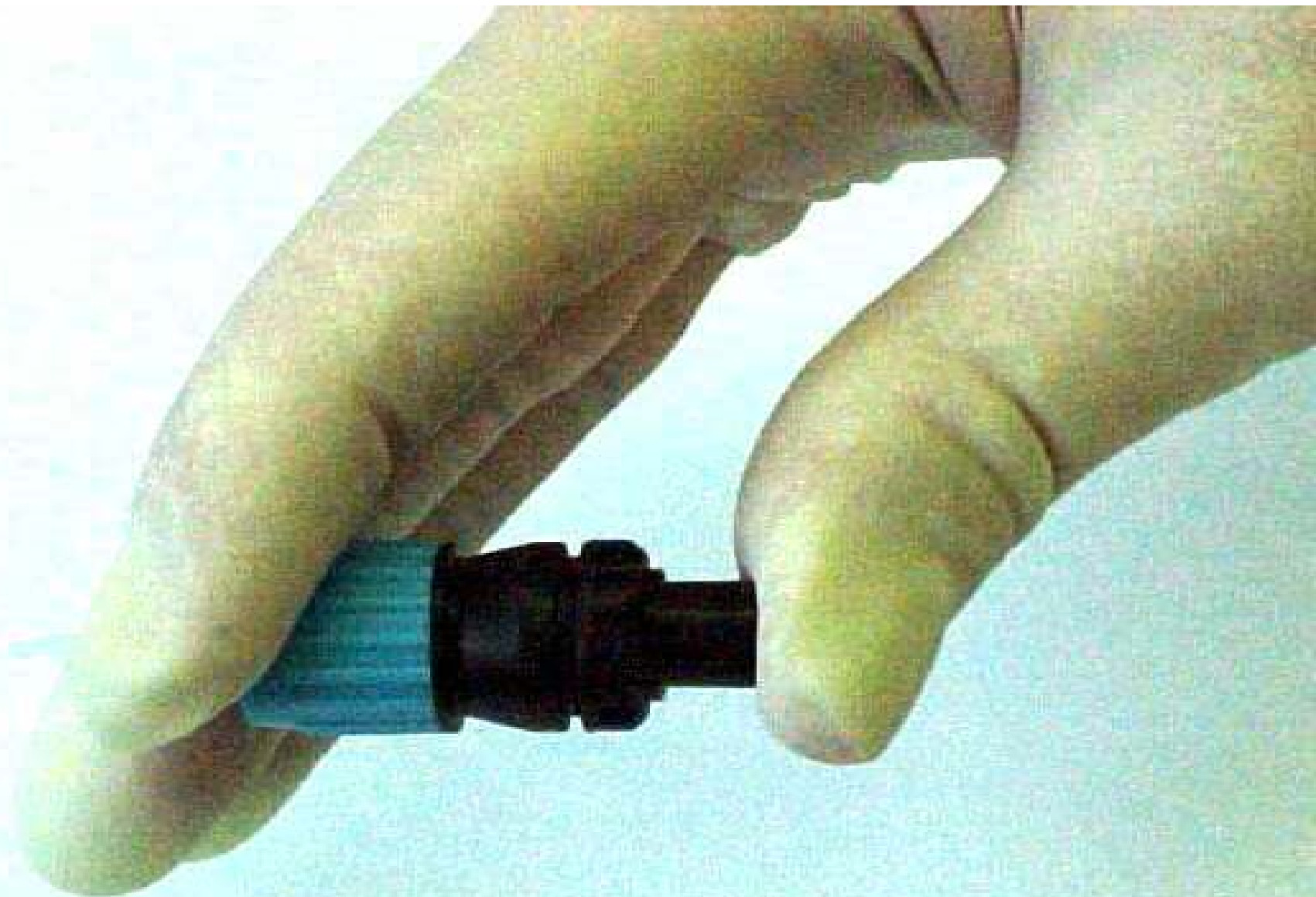


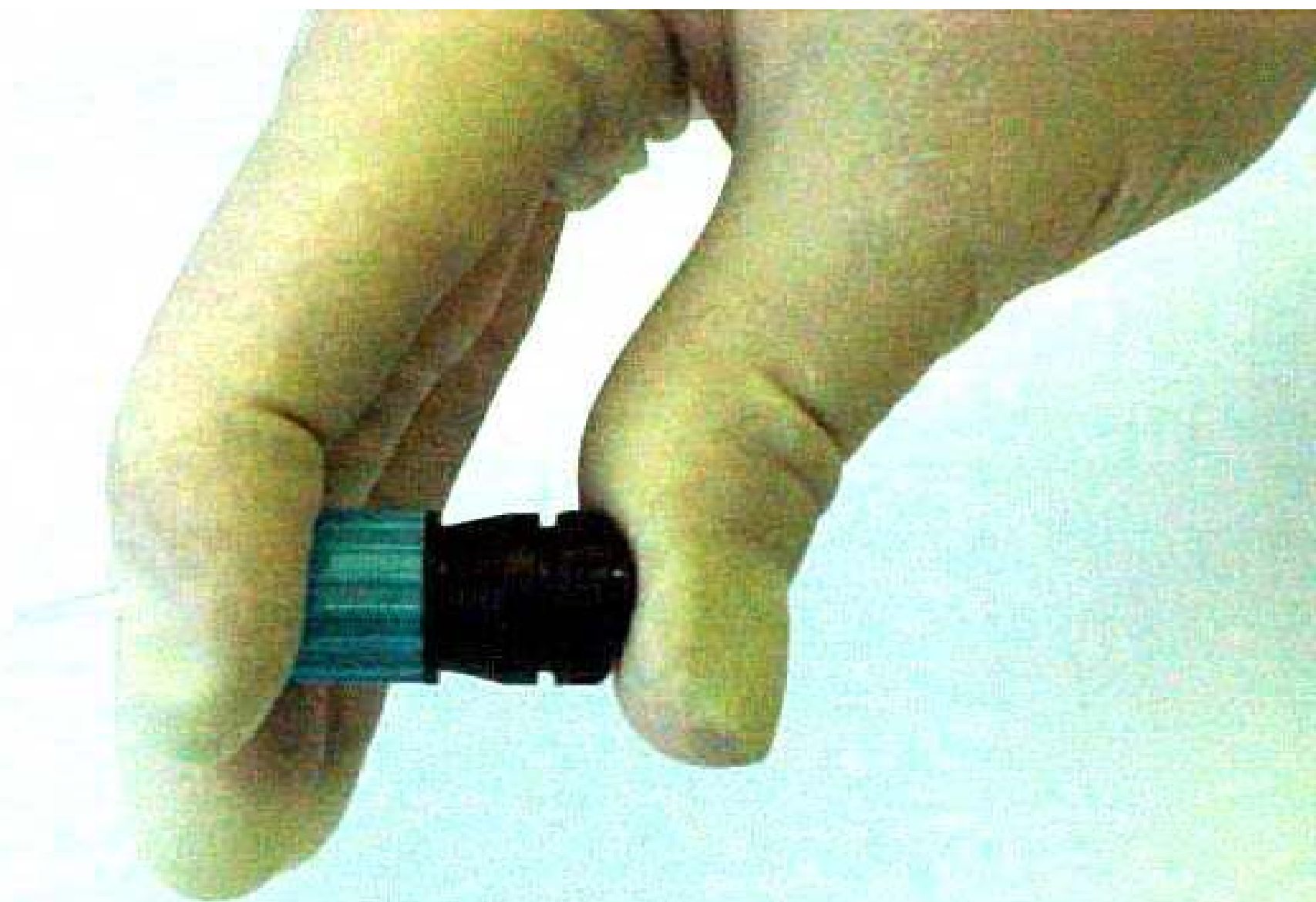


Capsule Activation


Activate the capsule by pressing the plunger at the back of the capsule until it is flush with the body of the capsule.

NOTE: DO NOT ACTIVATE THE CAPSULE UNTIL READY TO MIX AND USE.





Capsule Mixing

- Promptly place the activated capsule into a capsule mixer (or amalgamator).
 - Mix for 10 seconds at high speed.
- 



Dispensing Fuji ORTHO LC


Immediately remove the mixed capsule and load into Capsule Applier II.

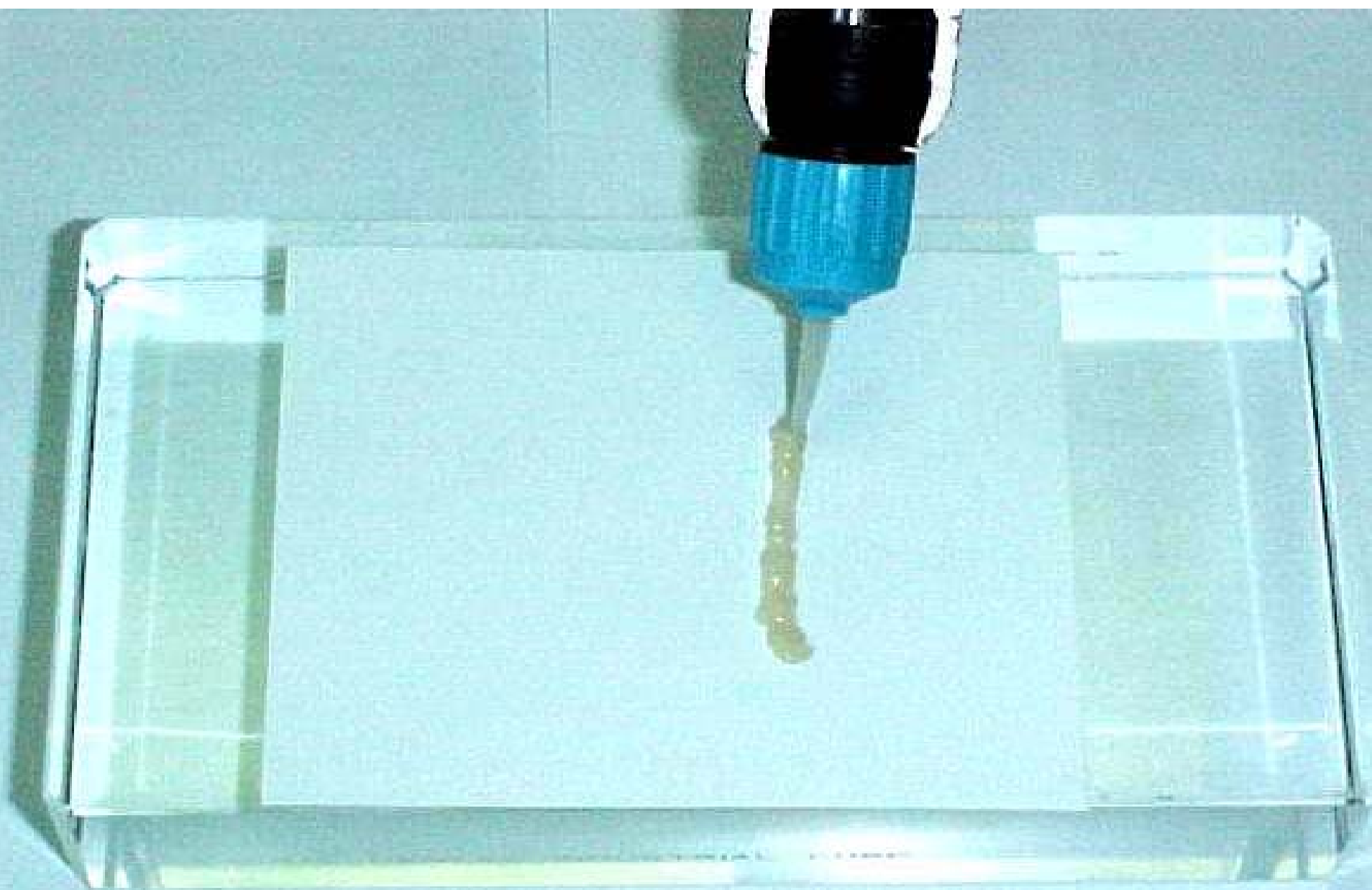




Dispensing Fuji ORTHO LC

Empty the contents of the mixed Fuji Ortho LC Capsule in a thin line on the mixing pad.

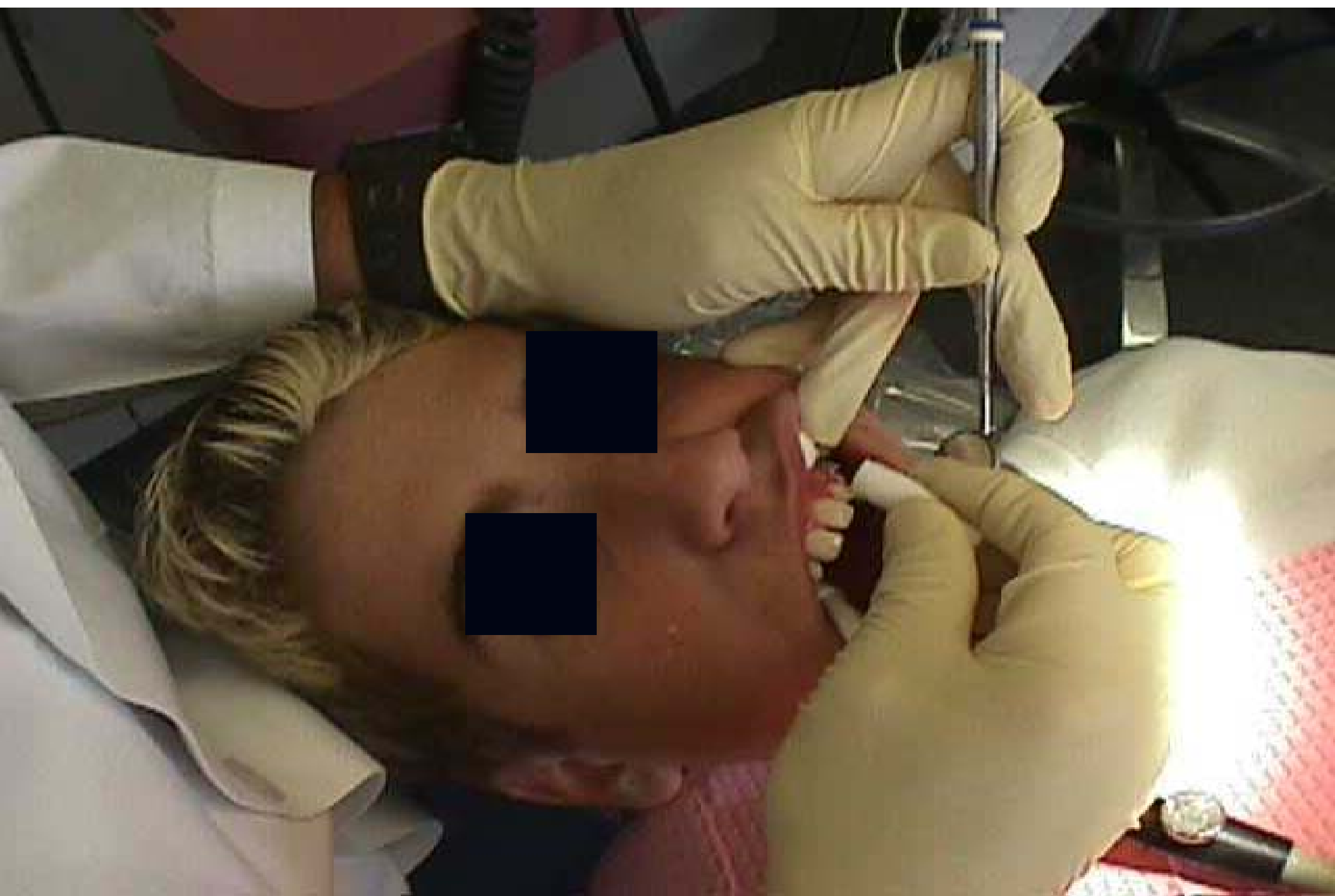




Bonding Procedure


After thoroughly rinsing the Ortho Conditioner, wipe the bonding surfaces of the teeth with the moist cotton roll.

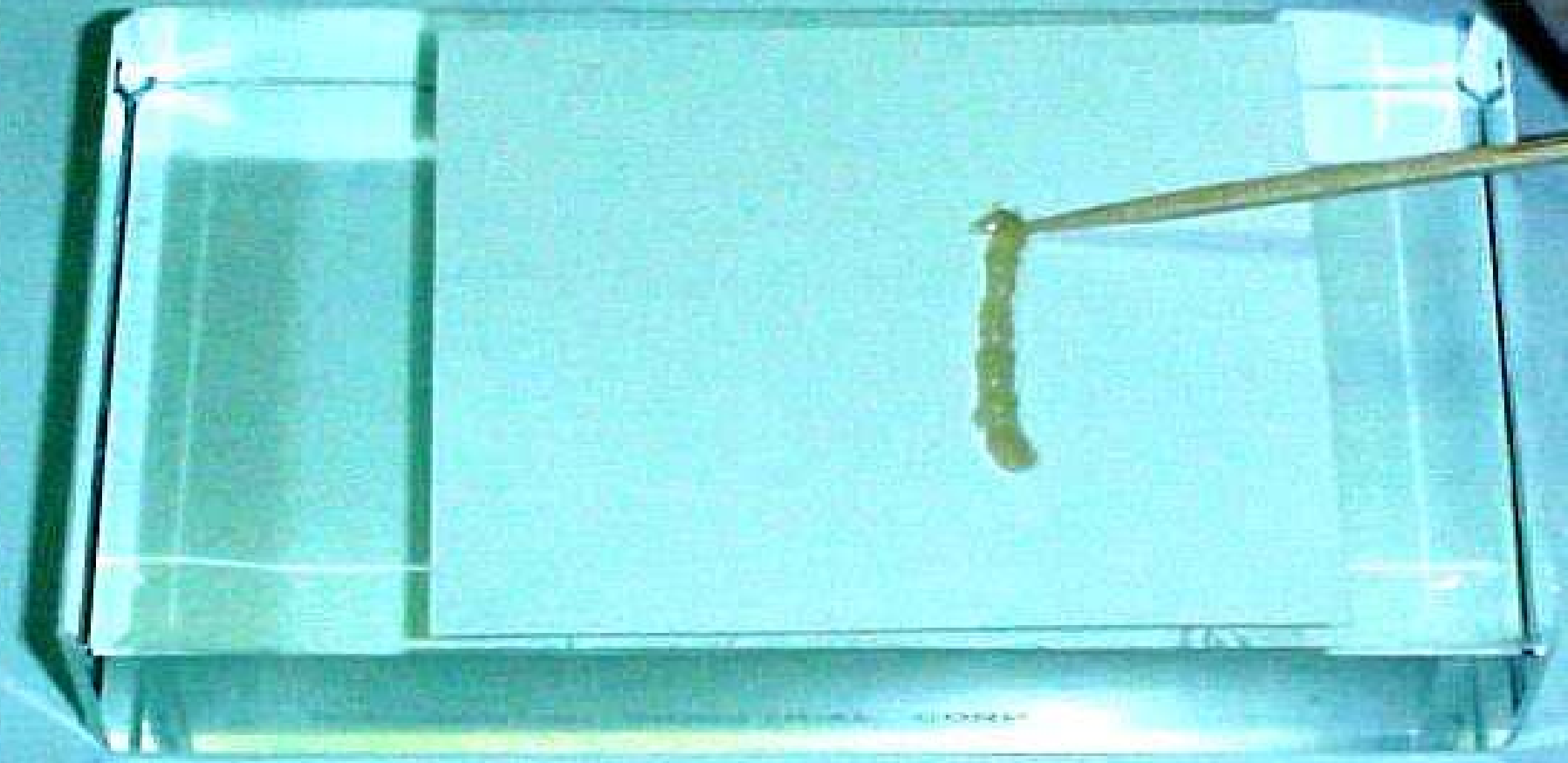
In order to obtain maximum adhesion, the bonding surfaces of the enamel should appear moist (glistening).



Applying Fuji ORTHO LC


Using the round toothpick, pick up the adhesive from the mixing pad and apply to the entire bonding surface of the first bracket to be bonded.

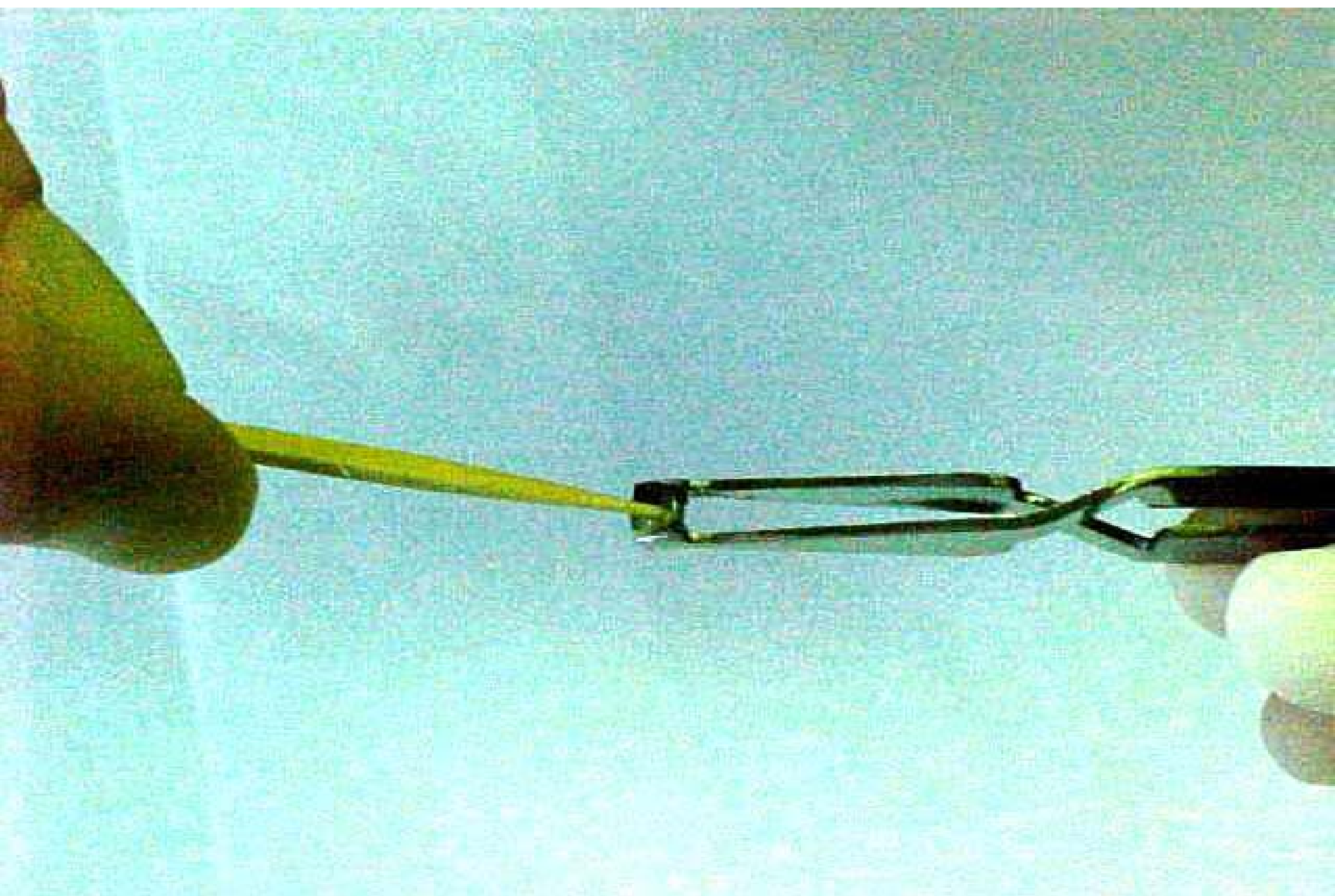





Helpful Hint

Learning to apply the proper volume of adhesive on the bracket will improve bonding efficiency by eliminating the time spent removing excess after placement.






Bracket Placement

- Position the bracket on the bonding surface of the enamel.
 - Press into place.
 - Using a scaler or similar instrument, remove any excess adhesive at this time.
- 




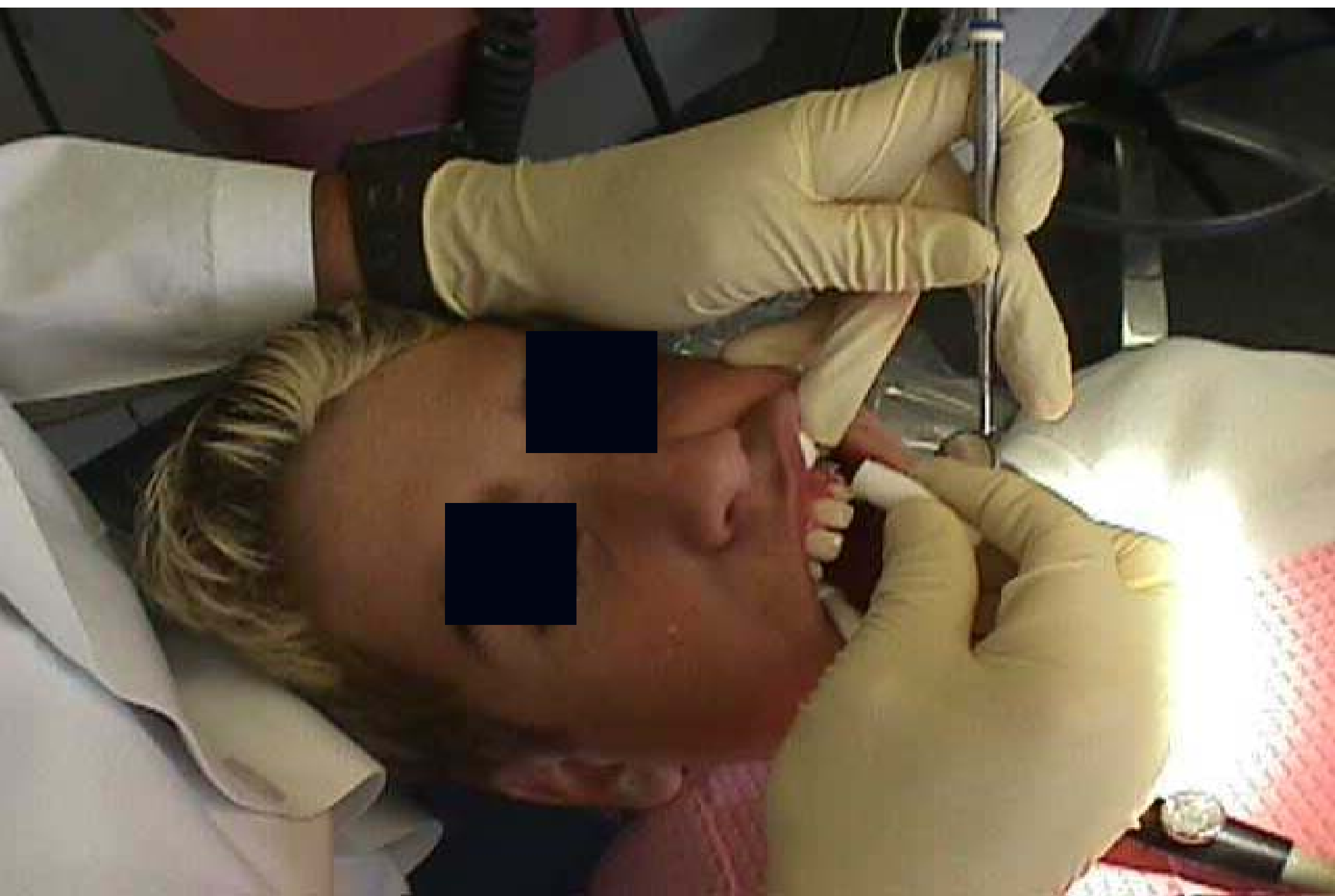
Bracket Placement

- Repeat this procedure for each bracket.
 - If bracket drift is a concern, “tack” brackets into place by light-curing for 3-5 seconds.
 - Working time from the chilled glass slab will be 8-10 minutes.
- 




Surface Moisture Considerations


- If teeth not yet bonded appear to be dry, they are too dry.
 - Rehydrate the enamel bonding surfaces by wiping them with the moist cotton roll.
- 



Light-Curing Adhesive


- When all brackets in the arch have been placed, light-cure for 10 seconds each from the mesial, distal, gingival, and occlusal aspects.
 - To ensure continued successful bonding procedures, periodically check light output with a metering device.
- 

Capsule Removal

- Depress the release button on the back of the applicator.
 - Twist the capsule clockwise and pull it upward.
- 



Bottom Line

- One full arch bonded and light-cured in less than 15 minutes
 - Minimal stress on the clinician, the staff, and the patient
- 

Rebonds Or Bonding “A Few” Brackets

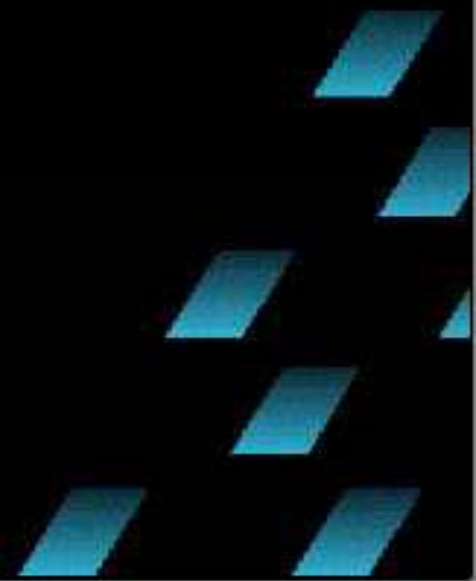




FUJI ORTHO LC
(P14L)2 (P14L)2

Dispensing Powder

For accurate dispensing of the powder, tap the bottle gently. Do not shake or invert.






GC Fuji ORTHO LC
DENTURE BONDING POWDER
DENTURE CEMENT FOR
DENTURE POWDER
POWDER 40g
MADE IN JAPAN

Dispensing Powder


Depending on volume needed, place 1 level scoop of powder (“large” or “small”) on the mixing pad.

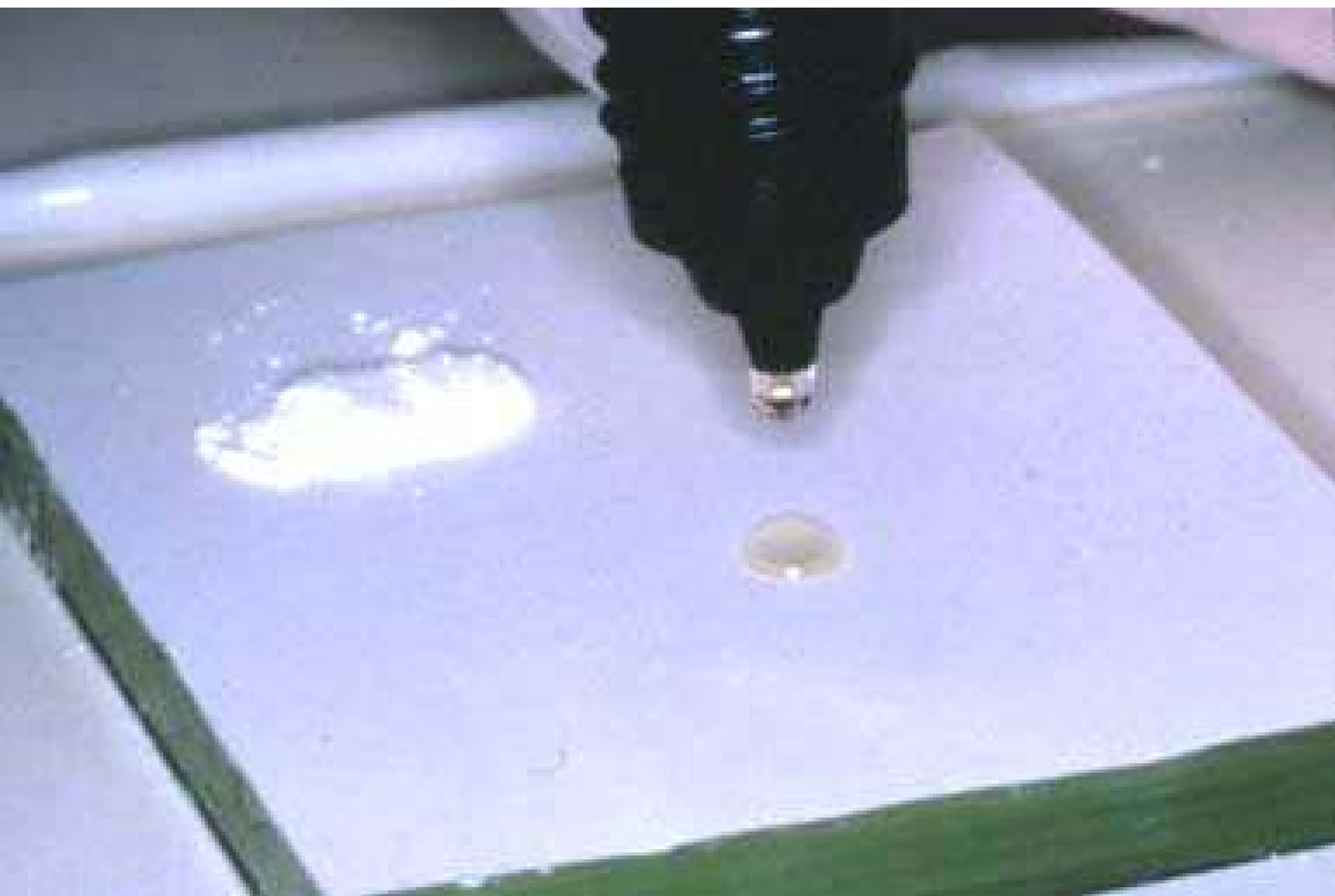





GC Fuji ORTHO
LIGHT-CURED RESIN-BOND
AND ENamel CEMENT FOR
ORTHODONTIC BONDING
POWDER 409
UNIVERSAL
GC

Dispensing Liquid

- Hold the bottle vertically.
 - Dispense the appropriate volume of liquid onto the mixing pad by gently squeezing the bottle.
- 



Mixing (Powder/Liquid)

- Incorporate the powder and liquid until completely mixed.
 - Total mixing time should not exceed 20-25 seconds.
- 



Mixing (Powder/Liquid)

- Mixed adhesive should have a “honey-like” consistency, similar to pre-capsulated material
- Place mixed adhesive on the bonding surface of the bracket with the spatula, a round toothpick, or placement instrument of choice.