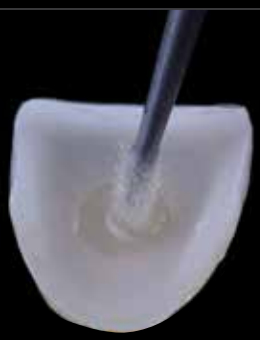
Onyx Adhesive Cementation Protocol



HF Acid



Silane



Resin Cement

*Emax and Feldspathic restorations are already acid etched at the lab.

Table 1

Recommended bonding protocols for ceramic restorations

Ceramic	Bonding Protocol
Traditional feldspathic ceramics	1. Intraoral restoration try-in 2. Etch with 9.8% HF acid for 2 min, rinse, and dry 3. Ultrasonic cleaning in alcohol for 5 min 4. Silane application for 20 s and dry 5. Proper isolation 6. Pretreat tooth surfaces 7. Light-cure or dual-cure composite resin luting agent
Lithium silicate ceramics	1. Intraoral restoration try-in 2. Etch with 4.6% HF acid for 20 s, rinse, and dry 3. Ultrasonic cleaning in alcohol for 5 min 4. Silane application for 20 s and dry 5. Proper isolation 6. Pretreat tooth surfaces 7. Light-cure or dual-cure composite resin luting agent
Y-TZP zirconia	1. Intraoral restoration try-in 2. Ultrasonic cleaning in alcohol for 5 min 3. APA with 50 μm alumina at 2 bar pressure 4. Application of special phosphate monomer-based primer 5. Proper isolation method 6. Pretreat tooth surfaces 7. Dual-cure or self-cure composite resin luting agent