

Composite resin bond strength to primary dentin prepared with ER, CR:YSSG laser

Eric C Sung, DDS* / Torin Chenard, DDS** / Angelo A. Caputo, PhD*** /
Michael Amodeo, DDS**** / Evelyn M. Chung, DDS***** / Ioana M. Rizoiu, MS*****

This in vitro study evaluated the shear bond strength of a hybrid composite resin bonded to primary dentin prepared with an Er,Cr:YSSG hydrokinetic laser compared to conventional bur prepared primary dentin. The results suggest that primary dentin surfaces treated with the Er,Cr:YSSG laser, with or without etching, may provide comparable or increased composite resin bond strengths depending upon bonding agent used.

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* Eric C Sung, Clinical Associate Professor. Division of Advanced Prosthodontics, Biomaterials, and Hospital Dentistry. University of California at Los Angeles, School of Dentistry. Los Angeles, CA

** Torin Chenard, Clinical Associate Professor, Division of Advanced Prosthodontics, Biomaterials, and Hospital Dentistry. University of California at Los Angeles, School of Dentistry. Los Angeles, CA

*** Angelo A. Caputo, Professor and Chairman, Section of Biomaterials Sciences, Division of Advanced Prosthodontics, Biomaterials, and Hospital Dentistry. University of California at Los Angeles, School of Dentistry. Los Angeles, CA

**** Michael Amodeo, Former dental student. University of California at Los Angeles, School of Dentistry. Los Angeles, CA

***** Evelyn M. Chung, Clinical Assistant Professor. Division of Advanced Prosthodontics, Biomaterials, and Hospital Dentistry. University of California at Los Angeles, School of Dentistry, Los Angeles, CA

***** Ioana M. Rizoiu, Vice President Clinical Research and Development, Biolase Technology, San Clemente, CA

Send all correspondence to Eric C. Sung, DDS, UCLA School of Dentistry, CHS 63-069, Los Angeles, CA 90095-1668, USA

Office Phone: (310) 206-6407

Fax Number: (310) 206-4201

E-mail: ericsung@ucla.edu