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

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