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ABSTRACT

Bonding to demineralized dentin of a diseased tooth has shown to be a significant clinical issue. This study evaluated the effect of 0.2% NaF-(NaF), MI Paste™-(CPP-ACP) and the self-assembling peptide 'P₁₁-4' (Ace-QQRFWEFEQQ-NH₂) contained in Curodont™ Repair, have on microtensile bond strength-(μTBS) of two different adhesive systems (Adper™ Single Bond-(SB) or Clearfil™ SE Bond (CSE)) and wettability of demineralized dentin slices after remineralising agents were applied. The highest μTBS were found for the demineralized dentin-(DD) treated with CPP-ACP; both adhesives systems (p<0.05) did not significantly difference from P₁₁-4 treatment

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