

- **Clinical evaluations of two self-etch and one-total etch adhesives in carious cervical lesion: two-year results.**
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ABSTRACT:

Purpose: To evaluate the clinical performance of two self-etching adhesives and one total-etch adhesive in Class V carious lesions.

Methods: Two self-etching primers, 'Clearfil SE bond' and 'Hybrid Bond' and one total etch adhesive, 'Admira bond', were placed in 244 Class V carious lesions. Restorations were evaluated at base line, one and two year using USPHS criteria.

Results: No loss of restorations was recorded after one and two year for all materials. There was no significant difference between the base line and two-year results for Admira bond and SE bond restorations. In contrast, restorations of Hybrid bond showed significant deterioration in marginal adaptation and cavosurface marginal discoloration after two years. No significant differences were found between Admira bond and SE bond at each recall period.

CLINICAL SIGNIFICANCE: Total-etch adhesive (Admira bond) and two-step self-etch adhesive (Clearfil SE Bond) when placed in Class V carious lesions showed two years after placement excellent clinical performance. In contrast, one step self-etch adhesive (Hybrid Bond) showed significant deterioration with regard to the marginal adaptation and marginal discoloration.

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