Artificial Saliva Contamination Effects on Bond Strength of Self-etching Primers

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Bibliography

1. Paschos E, Westphal JO, Ilie N, Huth KC, Hickel R, Rudzki-Janson I. Artificial Saliva Contamination Effects on Bond Strength of Self-etching Primers. *The Angle Orthodontist*. 2008;78(4):716-721. doi:10.2319/0003-3219(2008)078[0716:ASCEOB]2.0.CO;2

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Abstract

Abstract

Annotations

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significantly decreased the bond strength (p.1)

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least (p.1)

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The bond strengths achieved for the self-etching primers and the conventional etching method after saliva contamination were not significantly different. (p.1)

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least (p.2)

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Recent investigations comparing bond strengths of self-etching primers with and without saliva contamination showed no significant decrease in bond strength (p.2)

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6,7,12 (p.2)

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has been described controversially (p.2)

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14 (p.2)

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Freshly extracted human premolars, (p.2)

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However, Transbond Plus was an exception when saliva contamination was present. (p.3)

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Transbond Plus showed significantly lower mean shear-peel bond strength (t .006) without saliva contamination (p.3)

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Saliva contamination did not cause a statistical significant decrease of bond strength when the selfetching primer iBond was tested. (p.4)

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The authors concluded that the self-etching primer was the least influenced in terms of bond strength values. (p.4)

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No significant differences were also found in debond location with the self-etching primers on saliva contaminated and noncontaminated teeth. (p.5)

Zotero-Notes

本文探讨了唾液污染对粘接强度的影响，结论是当使用传统酸蚀方法时，唾液极大降低了粘接强度。但使用自酸蚀粘接剂时受到的影响最小。

看P3的表格可知不同

- 湿润的影响
  - 不明显影响粘接强度
    - 文献6,7,12
  - 明显降低粘接强度
    - 文献14

Notes

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