



Adhesion to Enamel and Dentin

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Message from the Guest Editor

In dentistry, the term adhesion is often used to define the process that establishes the micromechanical union between the materials and dental substrates. A large number of clinical dental procedures are intermediated by adhesive systems. The practitioner must be able, not only to use materials available on the market, but also understand the mechanism of action of each of them, so that this knowledge is able to guide the choice of the adhesive system for each particular clinical case.

Effective and lasting adhesive interfaces are fully related to the interruption of the repetitive restorative cycle, in which restorations are periodically replaced by more complex and larger ones. Thus, the choice of the adhesive system must be based in deep knowledge of the material, as well as the characteristics of the dental tissues and their interaction with adhesive systems.

This Special Issue is interested in all aspects of adhesive systems, understanding their mechanisms of action and their interactions with the dental substrate. In addition, strategies to reduce degradation of the adhesive interface are very welcome with the objective of increasing the durability of adhesive interfaces.





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Message from the Editor-in-Chief

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