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**Can bonding technics play a major role in keeping vital or pulpless teeth hermeticity?****Guastalla Olivier**

Villefranche-sur-Saone, France

Biological sealing is one of the major challenges in oral health. Whether in periodontology, implantology, restorative dentistry, or endodontics, our treatments are aimed at preserving or restoring the biological seal. In fact, facing bacterial aggression, the tooth occupies a special place in the human body. The prognosis of our treatments is influenced by the mechanical resistance, but especially by the tightness in time. A loss of tightness causes the recurrence of caries under a restoration, the bacterial colonization of a previously sealed root canal. Among the modes of assembly at our disposal, adhesive systems can play a double role in this search for sealing. The retention obtained by adhesion, allows keeping more healthy tissue of tooth by avoiding retention in the form of preparation. A less prepared tooth is a better protection for the pulp. A living tooth is more watertight than the best endodontic treatments. Adhesive systems are used for over 20 years now and show remarkable stability over time. Today adhesive systems must play a major role in protecting pulp vitality and in restoring a sealed integrity of the pulpless tooth. Through clinical cases and literature review, we will take stock of 20 years of dental bonding.

o.guastalla@gmail.com