



Myths in dental bonding

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In vitro and laboratory investigations are essential models to move on in science. However, in vitro discoveries need to be effective in a clinical environment where many known and unknown complex variables and mechanisms are involved. The use of conclusions from laboratory trials to make clinical recommendations can lead to the widespread of "unreliable truths" or the so-called myths in any field of knowledge. These myths may harm or even increase the costs (financial, time, side effects, etc.) that would be unnecessary given the protocol or conduct were previously evaluated in a more complex and complete clinical setting. This lecture will focus on some of the dentin bonding myths (dentin moisture, gold-standard adhesives, low post-op sensitivity of self-etch adhesives, chlorhexidine to improve the longevity of restorations, etc.) that may influence the clinical decision process.

<Curriculum Vitae>

- Graduated in Dentistry at the University of São Paulo, Brazil
- PhD in Dental Materials at University of São Paulo, Brazil
- Post-Doctoral stage at the Federal University of Rio de Janeiro, Brazil
- Associate Professor of the undergraduate and graduation courses at State University of Ponta Grossa, Paraná, Brazil
- Research from the Federal Brazilian Agency of Science and Technology (CNPq).
- Author of the book "Direct Dental Materials - from basics to clinical practice" in its second edition - published Portuguese and Spanish.
- Author of more than 350 international publications in impact journals about dental adhesives, dental bleaching and composite resins.