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Venue Faculty of Dentistry, Mahidol University, Bangkok, Thailand



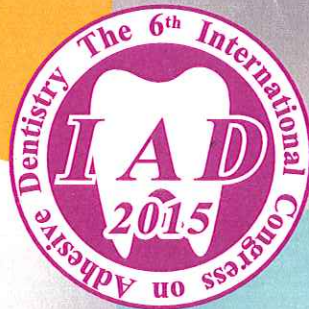
# The Gold Standard Self-etching Adhesive: Beyond MDP

Dr. Alireza Sadr

Moderator: **Dr. Choltacha Harnirattisai**  
Associate Professor  
Chairman Division of Operative Dentistry  
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### Agenda

Greeting, Introduction	9:00- 9:15
Lecture by Dr. Alireza Sadr	9:15-10:45
Closing Remarks	10:45-11:00



### Alireza Sadr D.D.S., Ph.D.

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#### Profile:

- 1996-2002 D.D.S. National University of Iran
- 2003-2008 Ph.D. Tokyo Medical and Dental University (TMDU)
- 2009-2013 PI Chaperone, Global COE program, TMDU
- 2014-2015 Coordinator, International Exchange Center, TMDU
- 2015- Associate Director, Biomimetics Biomaterials Biomechanics & Technology Laboratory, UW

### Abstract

Dental adhesion revolutionized the shape and content of clinical dentistry. Development of acidic functional monomers, capable of providing etching function and promoting adhesion, has been a mile stone in modern adhesive dentistry. 10-Methacryloyloxydecyl dihydrogen phosphate or MDP is an increasingly popular key monomer. However, the success of Clearfil SE Bond (Kuraray Noritake Dental), which is commonly referred to as the gold-standard two-step self-etch adhesive, is not only because of MDP. Composition balance and bond layer quality also play an important role in achieving a good sealing performance. In this talk, scientific aspects, recent trends and further improvements in the field will be discussed.

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