OVERVIEW
Resin composites, bonding agents and dental cements are constantly evolving areas of restorative dentistry. Dentists are faced with a vast array of restorative dental biomaterials, and are expected to separate advertising from reality. In this presentation, Dr. Khajotia will differentiate among the various categories of resin composites, adhesive systems, and resin luting cement from the perspective of critical Materials Science considerations and clinical use, without personal bias or commercial interests.

During this presentation, Dr. Khajotia will review the composition, manipulation and properties of various types of resin composites including nano-hybrid, nano-filled, flowable and bulk-filled categories. In addition, the recent generations of bonding agents and the newest category of resin luting cements will be reviewed. Dr. Khajotia will then provide attendees with a unique insight into current research in his laboratory on the development of an antibacterial bonding system. He will also discuss interactions between oral biofilms and polymer-based dental biomaterials based on his research efforts. Lastly, tools will be provided to assist participants with reviewing and selecting biomaterials with confidence.

OBJECTIVES
• Composition, manipulation and properties of resin composites
• Benefits and limitations of resin composites
• Innovations in polymer chemistry
• Composition, manipulation and properties of bonding agents
• Benefits and limitations of bonding agents
• Developing an antibacterial adhesive system
• Composition, manipulation and properties of resin luting cements
• Benefits and limitations of resin luting cements
• Interactions between oral biofilms and polymer-based dental biomaterials
• Concepts that dentists need to know about dental biomaterials
• Tools for the review and selection of biomaterials.
Lecture Course
Fundamentals and Advances in Resin Composites, Adhesive Systems & Cements
August 21, 2015

STATE OF DENTISTRY
UT HEALTH SCIENCE CENTER
CONTINUING DENTAL EDUCATION AND ALUMNI AFFAIRS

TIME
Check-in: TBD, 8:00 AM
Program: Friday, 9:00 AM - 5:00 PM

LOCATION
The University of Texas Health Science Center at San Antonio, School of Dentistry

TUITION
Non-Delta Dental Individual: $210.00
Delta Dental Dentist or Staff Member: $87.50

CREDIT (Course Code: 156749A,B)
AGD Code: 017 Hours: 7

In order to receive the $87.50 discounted price, the dental office must be a current member of the Delta Dental Insurance Company.

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Continuing Dental Education - MSC 7930
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fax form: 210-567-6807 or call us: 210-567-3177
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State of Dental License:
Dental License Number:

Name:

D.O.B.________/_______/_______ □DDS □DMD □ RDH □ADA □ DLT □CDT
Date of Birth

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City/State/Zip:

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Home Phone:
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Dental School: Graduation Year:
Specialty/Position
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Fundamentals and Advances in Resin Composites, Adhesive Systems & Cements

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