Continuing Dental Education Program presents

“The New Materials and the New Restorative Dentistry—Opportunities and Challenges”

featuring

Steven R. Jefferies, MS, DDS, PhD
Wednesday, October 7, 2015
7:45 am - 3:30 pm

Mack Auditorium
2100 Mack Boulevard
Allentown, PA 18105
“The New Materials and the New Restorative Dentistry-Opportunities and Challenges”

Course Overview
In the last five years, there have been and continue to be significant changes in restorative dental materials and concepts in restorative dentistry. New concepts such as minimally invasive dentistry, bulk fill composites, and new “universal” adhesive systems; as well as the introduction and increased use of monolithic zirconia, lithium disilicate, machined high density composite, direct posterior composite, new adhesive systems, CAD-CAM fabrication, 3D reconstruction and “printing” of restoratives, among other developments; are now confronting the restorative dentist. This presentation will provide in-depth review of current developments in dental materials and their clinical application ranging from minimally invasive materials and procedures to the latest material and clinical developments in prosthodontics indications and procedures. Literature based evidence, where available for specific systems and materials, will also be reviewed. The object of this all day course is to present an “up-to-date update” on these many new developments in restorative dentistry.

Objectives
1. Explore basic concepts in minimally invasive dentistry such as early diagnosis of carious lesions and conservative approaches to lesion management.
2. Explore recent developments in direct restorative composite resin; including new concepts such as bulk fill and energy assisted delivery.
3. Understand the latest developments in dentin adhesives and key elements that adhesives with improved clinical performance possess.
4. Review the properties of newer, indirect ceramic materials and millable materials designed for use in CAD/CAM fabrication systems.
5. Understand the concept of “bioactivity” and how it is impacting the development of new dental restorative materials.
6. Review the basic composition, physical properties, indications for use, and current significance of bioactive dental restorative materials.

Steven R. Jefferies, MS, DDS, PhD
Dr. Steven R. Jefferies is the Donald and Cecelia Platnick Professor, Department of Restorative Dentistry, Kornberg School of Dentistry, Temple University. He is also the Director – Biomaterials Research Laboratory (Restorative Dentistry); and Director – Clinical Research (Dental School). He has published extensively in the scientific and clinical literature, been an inventor with numerous patents, and presented extensively both nationally and internationally. He served previously in private practice and in various R&D positions in industry. He is a fellow in the International College of Dentists, American College of Dentists, Academy of Dentistry International, and Academy of General Dentistry.

PROGRAM SCHEDULE

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Lehigh Valley Health Network-17th & Chew
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For Further Information Call: 610-969-4839

* Please return by September 23, 2015

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