Continuing Dental Education Program

presents

“Update on Local Anesthetics and Analgesics - Old Drugs/New Drugs”

featuring

Elliot V. Hersh, DMD, MS, PhD

Wednesday, August 28, 2013
7:45am - 3:30pm

Mack Auditorium
2100 Mack Boulevard
Allentown, PA 18105

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FAGD/MAGD Credit
November 2009 - December 2013

EDUCATIONAL METHODS –
Lecture and audience participation

SPONSORS –
This continuing education activity has been planned and implemented in accordance with the standards of the ADA Continuing Education Recognition Program (ADA CERP) through Lehigh Valley Health Network.

PROGRAM DIRECTOR –
Charles A. Kosteva, D.D.S.

If you are already enrolled in Lehigh Valley Health Network’s Continuing Dental Education Program, disregard this notice unless you want to bring an auxiliary or spouse.

Refund Policy - Full refund if requested prior to August 28, 2013. NO refund on day of course (August 28, 2013), or later.

DATE –
August 28, 2013

FEE –
Dentist: $275.00
Auxiliaries/Technician: $95.00

* Late registration fee (after August 14th, 2013)
Dentist: $295.00
Auxiliaries/Technician: $115.00
Fee includes refreshment breaks, lunch, parking and AGD credits.
“Update on Local Anesthetics and Analgesics – Old Drugs/New Drugs”

Local anesthetics and their associated vasoconstrictors have had a long history of safety and efficacy in dental practice. However, adverse reactions and drug interactions to dental local anesthetic solutions occasionally do occur. Pediatric dental patients are an especially vulnerable group to overdose reactions with local anesthetics and it is critical that the clinician does not exceed maximum recommended dosages of these agents. Two new entities which impact on how we provide local anesthesia recently received FDA-approval; 4% articaine with 1:200,000 epinephrine (Septocaine ®1:200,000) and the “much hyped” local anesthetic reversal agent, phentolamine mesylate (Oraverse®). How well do these drugs actually work and where is their place in the overall practice of dentistry. What about OTC toothache medications containing benzocaine, do they work in well controlled double-blind clinical trials? An investigational intranasal “spray” formulation of local anesthesia is currently in clinical development which has the potential to provide maxillary anesthesia from 2nd premolar to 2nd premolar without the need for a conventional injection, what does the current data show us?

The 2nd part of the presentation will first review the biochemical and physiological mechanisms behind post-surgical dental pain and then discuss various double-blind randomized controlled trials on the efficacy of various analogesic agents following the surgical removal of impacted third molar teeth. The final portion of this discussion will focus on the meta analysis data for various analogesics in both dental pain and other post-surgical pain models. “IN OTHER WORDS WHICH ANALGESICS CONSISTENTLY LEAD THE PACK AND WHICH ARE CONSISTENTLY DOGS”.

Elliot Hersh, DMD, MS PhD

Dr. Hersh is a Professor of Pharmacology at the School of Dental Medicine and Chair of IRB #3 Office of Regulatory Affairs at the University of Pennsylvania. He received his DMD degree from UMDNJ-NJDS in 1981 and his MS and PhD degrees from UMDNJ – Graduate School of Biomedical Sciences in 1983 and 1988 respectively. Since arriving at PENN in 1988 Dr. Hersh has won the Dental School's Excellence in the Teaching of Basic Science Award 18 different times and was also presented with a University Lindback Award in 1993, the highest teaching honor in the entire university. He has published more than 100 scientific articles, abstracts and book chapters in the areas of dental pharmacology, drug interactions, analgesics and local anesthetics. His scholarly and research contributions in the areas of local anesthesia and pain control were recognized by the International Association of Dental Research in 2007 meeting where he was presented with the Distinguished Scientist Award in Pharmacology, Therapeutics and Toxicology. Dr. Hersh states “that while the research accolades are nice, the most important thing I do is sharing this knowledge with my students and other dental professionals”.

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