Title: “Successful Local Anesthesia for Restorative and Endodontic Treatment”

Course Description:

One of the goals in dentistry is to provide the patient painless treatment. Profound local anesthesia is an important part of this goal, but can be difficult to achieve. This lecture will focus on the successful management of pulpal pain using local anesthesia with emphasis on mandibular teeth.

This lecture will review the clinical studies that have been conducted looking to improve local anesthesia success. This information can be used to develop an evidence-based strategy to help practitioners achieve profound pulpal anesthesia. Supplemental anesthetic techniques will be reviewed as well as new products available to the clinician.

Educational Objectives: “By the completion of this course each participant should be able to…”

1. Define why local anesthesia fails so often in the mandible.

2. Develop local anesthesia strategies to achieve pulpal anesthesia.

3. Understand the indications, techniques and advantages of intraosseous anesthesia.

4. Identify the current information on the use of articaine.

5. Understand the evidence basis for choosing a local anesthetic and/or local anesthetic technique.

Bio:
Dr. Nusstein received his DDS from the University of Illinois at Chicago College of Dentistry in 1987. He joined the Air Force and completed his endodontic training at The Ohio State University in 1995 earning his certificate in endodontics and an MS for research involving intraosseous anesthesia. Dr. Nusstein became a Diplomate of the American Board of Endodontics in 1999. After 12 years of military service and 1 year of private practice, he became a full-time educator at The Ohio State University College of Dentistry in 2000. He currently is a Professor and was appointed Chair of the Division of Endodontics in 2006. He received the Edward Osetek award for Outstanding Young Educator from the AAE in 2006. He was also named as the William J. Meyers Endowed Chair in Endodontics at The Ohio State University College of Dentistry. He has authored over 60 scientific articles and 3 chapters in the leading endodontic texts and is co-author of the book “Successful Local Anesthesia for Restorative
Dentistry and Endodontics”. His main focus of research is local anesthesia and pain control as well as ultrasonic irrigation.

**Lovely Photo:**

![Lovely Photo](image-url)