

Local Anaesthetic Myths & Mysteries

A review of the facts and fiction concerning Articaine HCl

Local anaesthetics form the backbone of pain control techniques in dentistry. Lidocaine, Mepivacaine, Prilocaine and Bupivacaine have become the mainstays, however the more recent introduction of Articaine has added a new dimension to pain control in dentistry.

The World Expert - Dr. Stanley F. Malamed, D.M.D

Course Information

▶ Part 1: Is the "Mandibular Block" Passe?

1. The traditional Inferior Alveolar NB
2. Recent techniques:
 - a. Gow-Gates mandibular NB
 - b. Akinosi-Vazirani NB
 - c. Periodontal Ligament (PDL) injection
 - d. Intraosseous (IO) injection
3. Buffered Lidocaine
4. Articaine HC by mandibular infiltration in adults

▶ Part 2: Articaine Hcl: Just the Facts

1. What's available - a look at current LA formulations in Australia
2. Articaine - How it got here (Australia)
 - a. The science of articaine
 - b. Articaine's clinical profile
 - c. Advantages of articaine
3. The Mystery of 4% Local Anaesthetics and Paresthesia
 - a. How did it start?
 - b. Science versus Anecdotal Evidence
4. Summary - You're the doctor make up your mind.



4 CPD Hours

The lecture tour dates

Registration Details

Regular Price

RHD, DT & OHT
\$298.00 Inc GST

Regular Price

Dentist
\$398.00 Inc GST

Dental ED members /Early Bird 1st May

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Perth, 27th May

Time 1:30pm - 5:30 pm
Venue The University Club of Western Australia
The University of Western Australia
M800, 35 Stirling Hwy
Crawley WA 6009

Register at www.dentaledgeglobal.com (hands-on courses) or contact Elda on (03) 8300 0719

3M ESPE

Title: Local Anaesthetic Myths & Mysteries

Description: Effective pain control is a vital part of dental practice. Fear of pain is the #1 reason patients avoid dental care, yet local anaesthetics are the most effective - and safest - drugs in medicine for the prevention and management of pain. In this program, we will take a critical look at two areas: (1) Is the Mandibular Block Passe? and (2) Local anaesthetic drugs, with a spotlight on Articaine.

The first half of the program will address the traditional “mandibular block” (IANB) - the mainstay for treatment in the lower jaw. Yet the IANB has the lowest success rate of any major nerve block in the human body. Alternative techniques are available that can vastly improve successful mandibular anesthesia, including the Gow-Gates Mandibular nerve block (NB); Akinosi-Vazirani Nb; Periodontal Ligament (PDL) injection; Intraosseous anesthesia (IO); Mandibular infiltration with Articaine; and Buffered Lidocaine.

The concluding session takes a critical look at the local anaesthetic Articaine HCl. Introduced in 1976 (Germany) articaine has become a preferred local anaesthetic worldwide, yet there remains controversy regarding its safety in mandibular block. Professor Malamed will provide a critical look at this drug, comparing its efficacy and safety to other available local anaesthetic formulations, its advantages and disadvantages.



Dr. Stanley F. Malamed, D.M.D

Dr Malamed was born and raised in the Bronx, New York, graduating from the New York University College of Dentistry in 1969. He then completed a dental internship and residency in anesthesiology at Montefiore Hospital and Medical Center in the Bronx, New York before serving for 2 years in the U.S. Army Dental Corps at Ft. Knox, Kentucky. In 1973, Doctor Malamed joined the faculty of the Herman Ostrow School of Dentistry of U.S.C., in Los Angeles, where today he is Professor of Anesthesia & Medicine. Dr. Malamed is a Diplomate of the American Dental Board of Anesthesiology, as well as a recipient of the Heidebrink Award [1996] from the American Dental Society of Anesthesiology and the Horace Wells Award from the International Federation of Dental Anesthesia Societies, 1997 (IFDAS).

Dr Malamed has authored more than 140 scientific papers and 17 chapters in various medical and dental journals and textbooks in the areas of physical evaluation, emergency medicine, local anesthesia, sedation and general anesthesia. In addition, Dr. Malamed is the author of three widely used textbooks, published by CV Mosby: **Handbook of Medical Emergencies in the Dental Office** (6th edition 2007); **Handbook of Local Anesthesia** (6th edition 2011); and **Sedation - a guide to patient management** (5th edition 2010) and two interactive DVD's: Emergency Medicine (2nd edition, 2008) and **Malamed's Local Anaesthetic Technique DVD** (2004)