CONTINUING DENTAL EDUCATION
Schulich School of Medicine & Dentistry, Western University
In association with the Thunder Bay Dental Association (TBDA)

ADVANCED LOCAL ANAESTHESIA: WHAT YOU NEED TO KNOW
DR. DAVID ISEN

PROGRAM OUTLINE
Over the past century, local anaesthetics and their delivery systems have evolved and improved significantly. Despite these advances, our ability to obtain profound anaesthesia 100% of the time is elusive, especially in the mandible. These situations can create painful dental visits for our patients creating anxiety for them and for the operator as well. This seminar will explore the reasons and solutions for incomplete local anaesthesia. A discussion about the relevant anatomy and pharmacology that leads to incomplete local anaesthesia will be presented. Techniques beyond the standard inferior alveolar nerve block and armamentarium besides the standard needle and syringe will also be evaluated. Some of the topics to be explored include the Gow-Gates Block; articaine; intrasosseous and PDL injections; methods of pain reduction during injections, local anaesthetic and vasoconstrictor drug interactions and toxicity. As well, the use of vasoconstrictors in cardiac compromised patients will be presented. Finally, a discussion about recent literature and new and improved local anaesthesia related products, such as intranasal anaesthesia, buffering systems, local anaesthetic reversal agents and needle-free injections will be presented.

LEARNING OBJECTIVES
• An understanding of the reasons that cause local anaesthesia to be incomplete
• Methods to achieve higher success in local anaesthesia, especially in difficult situations like infection or unusual anatomy
• The use of specific local anaesthetics for specific situations
• Understanding local anaesthetic and vasoconstrictor toxicity
• Drug interactions with local anaesthetics and vasoconstrictors
• Local Anaesthetic considerations for medically compromised people

ABOUT THE SPEAKER
DAVID ISEN, BSc, DDS
Dr. David ISEN is a graduate of Western University’s Faculty of Dentistry and holds a Master of the College of Sedation in Dentistry from the American Dental Society of Anesthesiology. He practices in an anaesthesia-based office in Toronto, treating patients who require intravenous sedation or advanced techniques in local anaesthesia.

He is a past-president of the Ontario Dental Society of Anesthesiology and has lectured internationally on topics related to local anaesthesia and medical emergencies in the dental office.

Dr. ISEN has authored numerous journal articles and has peer-reviewed articles for a variety of dental journals. He also has acted as a consultant for dental and pharmaceutical companies.

Friday, November 9, 2018

TUITION

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TIMES
Registration: 8:30 a.m.
Lecture: 9:00 a.m. – 4:00 p.m.
Continental breakfast, lunch and breaks included

LOCATION
Victoria Inn, Thunder Bay
555 West Arthur Street
Thunder Bay, ON P7E 5R5

CREDITS
RCDSO Category 1; MCDE 6;
AGD Code 340; 6 hours

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