David was born and grew up in Toronto. He attended University of Toronto from 1983 to 1987 completing a Bachelor of Science degree in psychology and neuroscience.

While completing this program, David worked in research at the university and co-wrote and published a research article on epilepsy. He then went to Western University studying dentistry.

Following his graduation in 1991, David was lucky to join a well-known, established practice in his old neighbourhood and maintains a private practice in the same suburban Toronto location.
Dr. David Isen
Advanced Local Anaesthesia
Medical Emergencies in the Dental Office

Session Overview
This seminar will explore reasons and remedies for incomplete local anaesthesia. A discussion about relevant anatomy and pharmacology that leads to incomplete anaesthesia will be presented. Techniques beyond the standard inferior alveolar nerve block and armamentarium besides the standard needle and syringe will also be evaluated. Topics to be explored include Gow-Gates Block; articaine; intraosseous, PDL and computer injections; pain reduction methods and local anesthetic and vasoconstrictor drug interactions. New and improved products will be discussed.

This course will review ways to reduce the likelihood that a medical emergency will occur. As well, how to use emergency drugs will be discussed along with a discussion regarding the protocols for basic life support and using an automated external defibrillator. Finally, specific emergencies will be reviewed, and suggestions as to how to organize an emergency kit, will be provided.

Session Outcomes

1. An understanding of older and accepted local anaesthetic theories in dentistry and how they apply to anatomy, drug interactions and toxicity.
2. An understanding of new techniques, products and research in local anaesthesia.
3. Learning the best ways to keep a dental office ready for a medical emergency and how to decrease the risk of one occurring.
4. Learning the seven emergency drugs that all dental offices should stock and know how to use.