

Scientific Meeting Speakers 2014

Friday, September 19th Program – CARDP Montreal – 55 min Presentations

Download Speaker Program – Scientific Program Master English

Dr. Robert Vogel, Milton, FL



Blending of Art, Science & Technology in Implant Dentistry for Ideal Patient Care

8:30 am – 9:30 am

Synopsis: The emergence of cutting edge biologic principles and biomaterials has allowed us to offer patients treatment options with greater precision, productivity and long-term stable results. This fast moving presentation, designed for private practice, will cover state of the art topics, tips, tricks and techniques in Implant Prosthetics, emphasizing current technologies, reduced chair time and increased predictability.

Objectives:

1. Acquaint oneself with state of the art implant materials and techniques
2. Choose the best techniques for greater precision, productivity and profitability in Implant Prosthetics
3. Simplify decision making in the selection of materials and procedures for each patient

Bio: Dr. Vogel graduated from the Columbia U Dental School in N.Y. City. He then completed a residency program at Jackson Memorial Hospital in Miami. He maintains a full time private practice in Palm Beach Gardens in Implant Prosthetics and Reconstructive Dentistry. He also conducts clinical trials and provides clinical advice on dental attachments and implants. Dr. Vogel has

contributed to the development of several prosthetic components and techniques, is widely published and lectures internationally.

Dr. Gilles Lavigne, Montréal, QC



Sleep apnea, bruxism and facial pain

9:30am – 10:30 am

Synopsis: Sleep bruxism is reported by 8% of the adult population and it can be a source of headaches, facial pains, acid reflux down to tooth erosion. Other problems involve insomnia, breathing irregularities and different neurological manifestations. Its causes, symptoms, diagnosis, management and treatment options (medical, mechanical and behavioral) will be discussed in detail.

Objectives:

1. Identify the causes and mechanisms of bruxism during sleep
2. Establish a differential diagnosis
3. Choose an appropriate treatment for *each* case

Bio: Dr Lavigne holds a DMD from U de Montréal where he is currently Dean of Dental Medicine, as well as a PhD from U of Toronto and FRCD in Oral Medicine (Georgetown U). He has presided over several research societies and networks and is internationally recognized for his research projects on bruxism and the interactions between sleep, pain, and breathing disorders. He has edited and written numerous articles and chapters and is co-author of Sleep Medicine for Dentists.

Dr. Izchak Barzilay, Toronto, ON (CARDP Fellow Member)



Digital Reconstructive Dentistry: how we maximize the use of digital technology to restore complex cases

11:00 am – Noon

Synopsis: From single units to full arch restorations, we will review digital scanning and prosthesis fabrication technologies in the Prosthodontic practice. Technologies will be presented that guide us in our decision making process and allow us to fabricate well-fitting restorations that are both esthetic and functional.

Objectives:

1. Identify the various digital technologies and their uses
2. Recognize the clinical conditions leading to more effective technologies
3. Choose materials that enhance the qualities of restorations

Bio: Dr. Barzilay received his DDS from U of Toronto in 1983, and a Certificate in Prosthodontics as well as a MS from the Eastman Dental Center in Rochester, N.Y. He is currently Head of Prosthodontics and Restorative Dentistry, Mt. Sinai Hospital in Toronto, and teaches in several other institutions. He has published on various topics and holds multiple Fellowships.

Mr. Hiam Keren CDT, Montréal, QC



Prosthetic Prototype – Planning for Success

1:30 pm – 2:30 pm

Synopsis: This presentation will demonstrate prototypes for various restorative cases from single unit to long span bridges and discuss the advantages of prosthetic planning with prototypes in hand. The latter help the clinician to communicate to the lab in a most precise way, as well as establish the final function and esthetics of the restoration, then verify these with the patient.

Objectives:

1. Test and work with a prototype
2. Plan a treatment and communicate it to the laboratory
3. Observe digital processes as they relate to the production of prototype and final restoration

Bio: Haim Keren is co-owner of a dental laboratory in Montréal. He worked in the family laboratory in Haifa for 14 years and trained in Germany toward his Master certificate. In 1999, Mr. Keren relocated to Montréal and established his laboratory devoted to all-ceramic technologies. He has developed special techniques and procedures for the use of monolithic and minimally veneered Zirconia restorations. He also lectures, teaches, and has published several articles.

Dr. Mamaly Reshad, Los Angeles, CA



Resection Versus Augmentation: Esthetic implant Supported Maxillary Prostheses

2:30 pm – 3:30 pm

Synopsis: This presentation will introduce an alternative strategy for the treatment of patients that require restoration of the edentulous maxilla with implant-supported prostheses. A critical analysis of unhealthy, non-physiologic and unesthetic situations will be discussed, with particular attention to the sagittal plane. Based on proper diagnostic principles, a classification system, followed by guidelines, will be provided.

Objectives:

1. Choose the classification system that identifies when maxillary resection is necessary
2. Match restorative material to individual patient situations
3. Maintain the maxillary anterior ridge in the long term

Bio: Dr. Reshad is a Prosthodontist whose area of research expertise is in Dental Materials, Esthetics and Implant Dentistry. He has published in, and is on, the editorial boards for numerous peer-reviewed Journals. He also maintains private practices limited to Prosthodontics in both Los Angeles and London, England.

Dr. Yvan Fortin, Quebec, QC



Restoration of the edentulous maxilla: choosing prosthetic options

4:00 pm – 5:00 pm

Synopsis: We need to address different stages of analysis before making decisions on the best options for treatment. These include: analysis of the residual supporting tissues and foundation for the prosthesis, interpretation of patient expectations and selecting from the many surgical and prosthetic options on the market.

Objectives:

1. Identify different patterns of tissue support
2. Enumerate alternative surgical approaches
3. Differentiate between assorted prosthetic options to satisfy patient expectations

Bio: Doctor of Dental Medicine, Diplomate of the American Board of Oral Implantology and Dentistry, Fellow of the Academy of Osseointegration, of the Academy of Prosthodontics and of the American Academy of Implant Dentistry. Dr Fortin is an international lecturer and also a member of several foreign academies. He limits his practice to Implantology.

Saturday, September 20th Program – CARDP Montreal – 20 min presentations

Dr. Mark Spatzner, Montréal, QC



Can implants go bad? Prevention is better than a cure!

8:20 am – 8:40 am

Synopsis: Implant treatment is not invulnerable. There are an alarming number of implant cases that are showing advanced bone loss and serious survival issues. This presentation will describe and define the term peri-implantitis and discuss risk factors for patients as well as commonly seen etiology of the failing implant. Finally, the possible treatment options for the ailing implant will be presented.

Objectives:

1. Diagnose possible risk factors among candidates for implant therapy
2. Get up-to-date on improvements in implant fixture technology and regenerative techniques
3. Recognize commonly seen errors in implant therapy
4. Use state of the art implant design and technology to deliver predictable treatment

Bio: Dr. Spatzner completed his undergraduate dental training at U de Montréal with a DMD then received a diploma in Periodontology from U of Toronto. He has published and has given numerous scientific presentations worldwide in the field of Periodontology, Regenerative and Implant Dentistry. Currently he has a private practice in the Montréal area that is limited to Periodontal and Implant therapy.

Mr. Michael Schreck CDT/MDT, Montréal, QC



Myths and reality of contemporary all ceramic materials

8:40 am – 9:00 am

Synopsis: We will explore how opacity and strength influence the use of lithium disilicate, lucite crystals or zirconia. Discussion will focus on why one would choose a monolithic or a hybrid all ceramic restoration and how this will influence prep design. We will compare the use of different materials to achieve both patient and clinician expectations.

Objectives:

1. Choose restorative materials according to the crystalline structure of dental ceramics
2. Identify the advantages and disadvantages of different materials in blocking out discoloured preparations
3. Improve communication with the lab to achieve desired colour, esthetics and clinical results

Bio: Mr. Schreck graduated in dental technology from Edouard Montpetit College in 1983. He has since owned and operated his laboratory specializing in fixed prosthetics utilizing the latest in CAD applications. Mr. Schreck has studied photography and esthetic build-up on zirconia restorations and trained with a master technician in Germany on multi-layer restorations.

Dr. Pierre Boudrias, Montréal, QC



Managing the esthetic zone in Implantology

9:00 am – 9:50 am (Note: This is a 50 Minute Presentation)

Synopsis: We will review certain basic rules and important steps in the fabrication of single and partial implant supported restorations in the anterior region. Special attention will be given to the initial evaluation and clinical sequence, types of restorations and occlusion.

Objectives:

1. Pinpoint the risks involved in the planning of implant supported restorations in the anterior zone
2. Enumerate the indications for the fabrication of a temporary restoration
3. Identify the different materials used for anterior implant supported restorations

Bio: Dr Boudrias is a graduate of the dental faculty at U de Montréal and holds a Certificate and Master of Prosthodontics from U of Washington, as well as a Fellow from the RCDC (Royal College of Dentists of Canada). He is professor at the U de Montréal dental faculty, teaching Fixed Prosthodontics and Implantology. He currently heads the Department of Restorative Dentistry and also has a private practice at U de Montréal.

**Dr. Michael Kaiser, St-Augustin-de-Desmaures, QC
(Active CARDP Member)**



The Royal Canadian Military Dental Corps; How our Military Dentists serve you at home and abroad

9:50 am – 10:10 am

Synopsis: What started out almost 100 years ago as principally dental support to military land operations has evolved to a comprehensive dental capability support to CAF (Canadian Armed Forces) sea, land and air operations. The RCDC (Royal Canadian Dental Corps) has a dental care program that allows its patients to leave without worry of suffering from acute dental disease while deployed. We also deploy alongside them so that patients suffering trauma in the line of duty are afforded the latest in rehabilitative care.

Objectives:

1. Ascertain that the RCDC provides modern dental care to Canadian Armed Forces members
2. Outline the history of RCDC support to the Canadian Armed Forces operations
3. Describe the scope of dental care the RCDC provides to eligible patients while on exercise or deployment

Bio: Lieutenant Colonel Michael Kaiser enrolled in the CAF under the Dental Officer Training Plan in 1992. He has a DDS (96) from Dalhousie U as well as a MSc in Microbiology and Immunology, and a MA in Leadership from Royal Roads U. He has worked in, and commanded, medium and large, multi-specialty RCDC dental clinics. He is currently the CO of 5 Field Ambulance at Canadian Forces Base Valcartier, north of Québec City and maintains a part-time general practice.

Dr. Stewart Shapiro, Montréal, QC



Endo VS Implants: revisiting the criteria for success with Endodontics

10:10 am – 10:30 am

Synopsis: A critical stage in treatment planning consists in evaluating a tooth's prognosis. If it is compromised, has a failing root canal, or requires a heroic effort to restore, then consideration must be given to an implant. Open and clear communication between patient and dentist when discussing treatment selection should include the dentist's own ability to tackle the options or refer the patient to a specialist. Financial consideration must also be taken into account.

Objectives:

1. Dealing with cracked teeth
2. Knowing when to retreat
3. Where endodontic apical surgery relates to the implant question
4. When a temporary solution is the best solution

Bio: Dr. Shapiro received his dental degree from McGill U and a post-graduate degree in Endodontics at State University of New York. He currently teaches Endodontics at McGill and lectures nationally and internationally. Dr. Shapiro also maintains a private group practice in Montréal.

Dr. Marc Shenouda Montréal, QC



3D Imaging in dentistry and computer assisted implant planning

Synopsis: We will review the principles of cone beam imaging technology and its indication in clinical practice, then demonstrate the applications of 3D imaging in virtual prosthetic and surgical treatment planning using guided implant surgery. Radiologic guide preparation as well as the different options for surgical navigation will be reviewed. We will outline the advantages and indications of computer assisted surgery and will also touch on integrating this powerful tool in a clinical setting.

Objectives:

1. Recapitulate the principles of cone beam imaging techniques
2. Integrate virtual treatment planning software in complex Prosthodontics
3. Implement the use of computer guided implant surgery in a clinical context

Bio: Dr. Shenouda received his DMD from U de Montréal in 2004 followed by a multidisciplinary residency. He continued with his graduate training in Oral and Maxillofacial Surgery at McGill U, graduating in 2009. As well as his private practice, Dr. Shenouda is Associate Director of the Oral and Maxillofacial Surgery department at the McGill U Health Centre. He is also assistant Professor in his specialty at the Faculty and has an active role in clinical teaching, as well as administrative responsibilities in the graduate Oral Surgery training program.

Dr. Louis Drouin, Montréal, QC



Peri-implantitis

11:20 am – 11:40 am

Synopsis: Peri-implant mucositis and peri-implantitis are common sights in our daily practices. Every clinician involved in Implantology should better understand their causes and when and how to prevent their occurrence. Most cases can be avoided and this presentation will show you how. Certain available treatment modalities will also be discussed.

Objectives :

1. Compare peri-implant mucositis and peri-implantitis
2. Identify the risk factors associated with peri-implantitis
3. Analyse certain treatment modalities

Bio: Dr Drouin received his DMD from McGill U followed by a multidisciplinary residency at Royal Victoria Hospital (RVH). In 1988, he earned his diploma in Periodontology from U of Toronto. He currently heads the Periodontology residency program at RVH. A Fellow of the International College of dentists and the American College of Dentists, he also has a private practice.

Dr. Alexandre Taché, Montréal, QC



Saving periodontally risky teeth with Laser assisted New Attachment Procedure (LNAP)

11:40 am – 12:00 pm

Synopsis: The treatment of periodontitis using a laser is still controversial, but one must distinguish between the various lasers offered, the different application protocols as well as the desired results. This presentation on the Nd:Yag laser and LANAP protocol will show its use in treating periodontitis.

Objectives:

1. List the scientific proofs that lasers can treat periodontitis
2. Acquaint oneself with the Nd:Yag laser
3. Explain the LANAP treatment protocol and the results of its use in the last four years

Bio: Dr. Taché received his diploma in Dental Medicine from U de Montréal in 1998 followed by a multidisciplinary residency at Royal Victoria Hospital. He went on to obtain a Master in Periodontology at U of Toronto and was named Fellow of the Royal College of Dentists of Canada (RCDC) in 2003. Besides practicing Periodontics and Implantology, Dr Taché is also examiner for the RCDC.

Dr. Dennis Nimchuk, Vancouver, BC (CARDP Honorary Member)



Precision with ceramics: the new paradigm

12:00 pm – 12:20 pm

Synopsis: Porcelain fused to metal (PFM) restorations have reliably served the dental profession for over half a century, providing both strength and esthetics. However, the PFM systems have never been able to achieve the same occlusal precision as cast gold. Contemporary ceramic systems have finally evolved to deliver all three elements of an optimum restoration: strength, esthetics and precision.

Objectives:

1. Recognize the desirability of occlusal precision
2. Determine why past ceramic systems failed
3. Ascertain the rationale for utilizing new ceramic systems for achieving occlusal precision

Bio: Dr. Nimchuk is a Prosthodontist, an author and teaching clinician and has given over seven hundred presentations around the world. He has been an honorary sessional lecturer for the Faculty of Dentistry at UBC for over fifteen years. Dr. Nimchuk holds many titles and Fellows, including a position as Associate Editor of the Canadian Journal of Restorative Dentistry and Prosthodontics.