



## 2015 Annual Scientific Meeting Program October 1<sup>st</sup> – 3<sup>rd</sup>, Toronto, Ontario - Inspiring Excellence

### Thursday, October 1<sup>st</sup>

9:00 am - 5:00 pm Hands on Course - Dr. Basil Mizrahi (University of Toronto - CDE Centre)  
Topic: **Acrylic Temporary Crowns. Advanced techniques to allow you to get more out of your temporary crowns and let them aid you in the treatment of complex cases.**

### Friday, October 2<sup>nd</sup>

8:20 am Dr. Ian Tester - CARDP President, Dr. Kim Parlett & Dr. Tony Mancuso - Scientific Program Chairs  
8:30 am Dr. Terry Donovan - **Clinical Analysis of Contemporary Ceramic Systems**  
9:30 am Dr. Kim Kutsch - **Dental Caries: A Disease of Choice?**  
10:30 am - 11:00 am Refreshment Break with Sponsors - Exhibit Hall  
11:00 am Dr. Glen Johnson - **New Dental Adhesives and Crown Cements - What should you use and why?**  
12:00 Noon - 1:30 pm Luncheon with Sponsors - Exhibit Hall  
1:30 pm Dr. Carlo Ercoli - **Complex implant reconstructions: surgical and prosthetic perspectives**  
2:30 pm Dr. Basil Mizrahi - **Biomechanical and Aesthetic Precision in Complex Fixed Prosthodontics**  
3:30 pm - 4:00 pm Refreshment Break with Sponsors - Exhibit Hall  
4:00 pm - 5:00 pm Dr. Van Haywood - **Tooth Bleaching Techniques: The pre-bleaching exam and single dark teeth**

### Saturday, October 3<sup>rd</sup>

8:30 am - 8:50 am Dr. Peter Fritz - **Supportive Implant Therapy: A Step By Step Protocol To Maintaining Implants**  
8:50 am - 9:10 am Dr. Kristina Perschbacher - **Leukoplakia: Hyperkeratosis to Carcinoma**  
9:10 am - 9:30 am Dr. Susanne Perschbacher - **Panoramic radiography: shedding light on the shadows**  
9:30 am - 9:50 am Dr. David Psutka - **TMJ Surgery. State of the Art and Science**  
9:50 am - 10:10 am Dr. Michelle Lee - **Surgical Strategies to Manage the Labially Positioned Dental Implant**  
10:10 am - 11:00 am Refreshment Break with Sponsors - Exhibit Hall  
11:00 am - 12:00 Noon Dr. Keith Phillips - **Expedited Implant Strategies for the Terminal Dentition**  
12:00 pm - 12:30 pm Pre Lunch Reception with Sponsors  
12:30 pm - 2:00 pm CARDP Members & Guest Luncheon  
2:00 pm - 2:20 pm Dr. Oliver Pin Harry - **Short Implants: Scientific Rationale and Clinical Applications**  
2:20 pm - 2:40 pm Dr. Izchak Barzilay - **Wide body implants: what are they good for?**  
2:40 pm - 3:00 pm Dr. Jim Soltys - **The 1-wing inlay/Maryland bridge; an implant alternative**  
3:00 pm - 3:20 pm Dr. Nancy Dubois - **Prosthodontic Treatment Planning for Obstructive Sleep Apnea (OSA) Patients**  
3:20 pm - 3:40 pm Dr. Brent Winnett - **Screw vs. Cement-retained Implant Prosthodontics: the Practical Reality**  
3:40 pm - 4:00 pm Dr. Uche Odiatu - **Exercise is Medicine: The right Rx for the Dental Professional**  
4:00 pm - 4:10 pm Dr. Ian Tester - **Meeting Conclusion**  
Dr. Terry Koltek - **Halifax 2016 Annual Meeting Announcement & Video**



## 2015 CONFERENCE PROGRAM

TIME		WEDNESDAY, SEPTEMBER 30 <sup>TH</sup> , 2015	LOCATION / SET UP
4:00 PM	5:30 PM	Journal Meeting	President's Suite
6:00 PM	11:00 PM	CARDP Executive Dinner Meeting	Sapphire Room- Upper Level – Boardroom 20
THURSDAY, OCTOBER 1 <sup>ST</sup> , 2015			
6:45 AM	5:00 PM	Full Day - Hands On Course	Off Site U of T Sci Can - Kingsway Room Meet in Lobby Intercontinental Hotel @ 6:45 am
7:30 AM	4:00 PM	Golf at Hamilton Golf and Country Club	Meet in Lobby Intercontinental Hotel 7:30 am
10:45 AM	3:30 PM	Sailing on Lake Ontario	Meet in Lobby Intercontinental Hotel 10:45 am
8:00 AM	11:59 PM	Scientific Set-up	Ballroom "B"
8:00 AM	6:00 PM	Trade Show Set-up	Ontario/Niagara & Lower Lobby
11:00 AM	8:00 PM	Registration	Lower Lobby Foyer
6:00 PM	10:00 PM	Eat, Meet & Greet, Welcome Buffet with Sponsors	Ontario/Niagara & Lower Lobby
7:00 PM	Finish	APC Executive Meeting	High Park Room
5:00 PM	7:00 PM	APO Annual General Meeting – Reception	Ballroom "A"
7:00 PM	9:00 PM	APO Annual General Meeting - Dinner	Ballroom "A"
FRIDAY, OCTOBER 2 <sup>ND</sup> , 2015			
7:00 AM	5:00 PM	Registration	Lower Lobby Foyer
7:00 AM	8:15 AM	Breakfast with Sponsors	Ontario/Niagara & Lower Lobby
8:15 AM	5:00 PM	Scientific Sessions	Ballroom "B"
12:00 Noon	4:00 PM	Wine tasting paired with tapas at The St. Lawrence Market (Partners Program)	Meet in Lobby Intercontinental Hotel 12:00 pm
10:30 AM	11:00 AM	Break with Sponsors	Ontario/Niagara & Lower Lobby
12:00 PM	1:30 PM	Lunch with Sponsors	Ontario/Niagara & Lower Lobby
3:30 PM	4:00 PM	Break with Sponsors	Ontario/Niagara & Lower Lobby
5:00 PM	6:00 PM	Wine and Cheese Reception with Sponsors	Ontario/Niagara & Lower Lobby
7:00 PM		Delegate, Speaker & Guest Dinner - CN Tower	Meet in Lobby Intercontinental Hotel 7:00 pm
SATURDAY, OCTOBER 3 <sup>RD</sup> , 2015			
7:00 AM	4:00 PM	Registration	Lower Lobby Foyer
7:00 AM	7:45 AM	CARDP AGM Member Breakfast	Ballroom "A"
7:30 AM	8:30 AM	Breakfast with Sponsors	Ontario/Niagara & Lower Lobby
8:30 AM	4:10 PM	Scientific Sessions	Ballroom "B"
12:15 PM	3:30 PM	High Tea @ Windsor Arms Hotel	Meet in Lobby Le Westin 12:15 pm
10:10 AM	11:00 AM	Break with Sponsors	Ontario/Niagara & Lower Lobby
12:00 PM	12:30 PM	Pre Lunch Reception with Sponsors	Ontario/Niagara & Lower Lobby
12:30 PM	2:00 PM	CARDP Member & Guest Lunch	Ballroom "A"
4:30 PM	6:30 PM	APC Annual General Meeting	Kingsway & Wentworth Rooms
6:30 PM	7:30 PM	President's Reception	Lower Lobby Foyer
7:30 PM	12:00 PM	President's Party - Dinner Dance	Ballroom "A"
SUNDAY, OCTOBER 4 <sup>TH</sup> , 2015			
9:00 AM	12:00 PM	Clinic and Essay Meeting & Breakfast	Grenadier – Boardroom 15

**Hands on Course - Full Day**  
**Thursday, October 1, 2015**  
**9:00 am – 5:00 pm**



**Dr. Basil Mizrahi**

**Title: Acrylic Temporary Crowns. Advanced techniques to allow you to get more out of your temporary crowns and let them aid you in the treatment of complex cases.**

**Time: 9:00 am – 5:00 pm**

**Location: University of Toronto – CDE Centre**

**(Transfer Assistance provided to and from the Intercontinental Hotel (Front Street) at 6:45 am**

**Meet in Lobby of Hotel at 6:45 am**

**Cost: \$ 495.00 (Includes Transfer to and from Intercontinental Hotel, Breaks, Luncheon and Hands on Course.**

**Course includes a bur kit for take home!**

**CE Credits: 7**

**Synopsis:** Temporaries are the key to success in complex cases but they can either be your best friend or your worst enemy. Master the techniques and the materials and you take control of the case. Failure to do this puts you at the mercy of your temporaries and lets the case control you. Temporaries can do so much more that simply serve as a stopgap between the impression and the fit appointment. This hands-on practical course will teach you techniques to enhance the outcome of your acrylic temporaries and allow you to start treating more complex cases.

**Learning objectives:**

1. How to modify shape invisibly and predictably
2. The benefit of using acrylic resin over Bis-acryl
3. How to remarginate and create an emergence profile to enhance and simplify impression taking.
4. Laboratory provisionals - When to use them and what type to use

**Bio:** Basil Mizrahi completed his specialist training in the USA in prosthodontics and implants and is recognised by the General Dental Council as a Specialist in Prosthodontics and Restorative dentistry. He runs a full time, referral based private practice specialising in complex rehabilitation, aesthetic cases and dental implants. Basil is Director of Mizrahi Dental Teaching [www.mizrahi-dental-teaching.co.uk](http://www.mizrahi-dental-teaching.co.uk) where he runs hands-on and didactic courses in all aspects of advanced aesthetic and restorative dentistry. Basil is also an Honorary Clinical Lecturer at UCL Eastman Dental Institute and a Diplomate of the American Board of Prosthodontics.

**Sponsored By:**



## Scientific Meeting Speakers

"Inspiring Excellence"

**Friday, October 2<sup>nd</sup> - 55 min presentations**



**8:30 am – Dr. Terry Donovan**

### **Clinical Analysis of Contemporary Ceramic Systems**

**Synopsis:** An extensive number of ceramic systems have been developed in recent years and have been marketed heavily to the profession. Most of these systems have limited clinical data to support their use. Laboratory studies indicating improved strength properties have been shown to have little predictive ability concerning clinical performance.

This presentation will describe the differences between contemporary ceramic systems and establish sound criteria for selecting new ceramic materials. It will establish the “gold standard” with which other systems are compared and describe viable alternatives to the gold standard. It will also provide a guide for materials selection under optimal conditions and in situations where management of overhead is critical.

#### **Learning objectives:**

1. What success rates are acceptable for ceramic crowns?
2. The differences between leucite reinforced and lithium disilicate crowns.
3. The differences between monolithic and layered crowns.
4. Advantages and disadvantages of monolithic and layered zirconia

**Bio:** Dr. Terry Donovan received his DDS from the University of Alberta in 1967, and practiced full time in Regina, Saskatchewan for 13 years. He received his Certificate in Advanced Prosthodontics from the University of Southern California in 1981. He was formerly Professor and Director of the Advanced Education in Prosthodontics Program at USC and was Chair of the Department of Restorative Dentistry there for many years. He was also the Associate Dean for General Practice and Executive Associate Dean for Academic Affairs. He is currently Professor and Section Head for Biomaterials, Department of Operative Dentistry at the University of North Carolina School of Dentistry at Chapel Hill. He has published extensively, and has lectured worldwide on restorative dentistry and materials science. He is a member of the ADA, CDA, North Carolina Dental Society, CAIC, the American Academy of Restorative Dentistry, and a Fellow of the American College of Dentists. He is an honorary life member of the College of Dental Surgeons of Saskatchewan, the Association of Prosthodontists of Canada, the Canadian Academy of Restorative Dentistry and Prosthodontics, the American Dental Society of Europe and the Western Canada Dental Society. He is past Chairman of the American Dental Association’s Council on Dental Materials, Instruments and Equipment.



**9:30 am - Dr. Kim Kutsch**

### **Dental Caries: A Disease of Choice?**

**Synopsis:** Dental caries is the number one disease affecting mankind globally. Consequently it's the disease the dental profession spends most of its time treating. It is often tempting for the dental profession to look at patients suffering with dental caries and think privately that it's really their own fault. However, dental caries is a multifactorial complex biofilm disease, and not a pathogen specific. Recent research indicates that there are numerous risk factors that play a role as well as the patient's choices and behaviors. Based on current scientific evidence and our present understanding of the disease, excellence in dental practice today would inspire us to help each patient identify the exact cause of their disease and then be able to help them achieve sustainable health. That requires a new approach to targeting therapeutic strategies and also the communication skills necessary to change our conversation with patients to become more effective at helping them modify their behaviors and reduce their caries risk.

#### **Learning objectives:**

1. The attendee will be able to describe how the dental caries biofilm disease model has evolved.
2. The attendee will understand the benefits of caries risk assessment in a private practice setting.
3. The attendee will be able to discuss Wellness Coaching and its application in clinical practice.

**Bio:** Dr. V. Kim Kutsch received his undergraduate degree from Westminster College in Utah and then completed his DMD at University of Oregon School of Dentistry in 1979. He is an inventor holding numerous patents in dentistry, product consultant, internationally recognized speaker, is past president of the Academy of Laser Dentistry, and the World Congress of Minimally Invasive Dentistry. He also has served on the board of directors for the World Clinical Laser Institute and the American Academy of Cosmetic Dentistry. As an author, Dr. Kutsch has published over 90 articles and abstracts on minimally invasive dentistry, caries risk assessment, digital radiography and other technologies in both dental and medical journals and contributed chapters to several textbooks. He recently coauthored Balance, a textbook on dental decay. He acts as a reviewer for several journals including Journal of the American Dental Association. Dr. Kutsch also serves as CEO of Dental Alliance Holdings LLC, comprised of Divisions: Oral Biotech manufacturers of the Carifree system, Compass Dentist, Compass Financing and Remin Media. As a clinician he is a Graduate, Mentor and Scientific Advisor of Dental Caries at the prestigious Kois Center. Dr. Kutsch maintains a private practice in Albany Oregon.



**11:00 am – Dr. Glen Johnson**

**New Dental Adhesives and Crown Cements – What should you use and why?**

**Synopsis:** Information will be presented to aid in the selection new dental cements and dental adhesives. All individuals involved in the delivery of oral health care will benefit from this practical, understandable, clinically oriented session.

Very recently, several dental companies have introduced “universal” bonding systems incorporating new chemistry and simplified procedures. What does the evidence show? The new bonding systems will be discussed and recommendations will be given.

Almost simultaneously, new composite resin luting systems have been introduced which incorporate the new adhesives. How do these cements compare with established luting agents? How do the self-adhesive cements perform? What cements can be successfully used with high-strength zirconium oxide crowns (e.g. Zenostar) and with lithium disilicate crowns (e.g. IPS e.max)? How should one treat the internal of the zirconia and lithium disilicate prior to cementation? How well to the new cements retain crowns after long-term crown stress and aging? Information from recent studies will be presented to aid in clinical decisions.

**Learning objectives:**

1. Understand the nature, advantages, and limitations of new dental adhesives and cements
2. Select safe and efficacious products for their practice of dentistry
3. Employ new techniques that can improve the quality of their practice of dentistry.

**Bio:** Dr. Johnson holds a Bachelor of Science degree in Mechanical Engineering (1968), a Master of Science degree in Bioengineering (1977), a Doctor of Dental Surgery degree (1978), all from the University of Washington; and a Master of Science degree in Dental Materials from the University of Michigan (1983). Dr. Johnson is Professor, Director of the Division of Dental Materials Science, and served as Interim Chair of the Department of Restorative Dentistry at the University of Washington. His research focus remains with laboratory and clinical evaluation of new restorative dental materials and techniques. He has authored numerous articles in peer-reviewed journals, is a frequent presenter at scientific and professional meetings and has held continuing dental education courses in and outside North America.

Dr. Johnson is a member of the American Dental Association, the Academy of Operative Dentistry, International Association for Dental Research and the Pacific Coast Society for Prosthodontics. Dr. Johnson is a past member and Chair of the ADA Council on Dental Materials, Instruments, and Equipment. He is presently a member of the Editorial Board of directors for the *Journal of Prosthetic Dentistry*, a Consultant to the ADA Council on Scientific Affairs and serves as Secretary of the Pacific Coast Society for Prosthodontics.





**1:30 pm – Dr. Carlo Ercoli**

### **Complex implant reconstructions: surgical and prosthetic perspectives**

**Synopsis:** Successful dental implant treatment relies on sound, evidence-based, surgical and restorative treatment planning and execution. It is often due to improper diagnosis and treatment planning that “hard-to-treat”, preventable complications occur. On the other hand, proper communication among implant team members (including the patient...), the development of appropriate protocols for implant placement and related grafting procedures, loading protocols, soft tissue grafting and creation of adequate emergence profile can easily predict the final esthetics especially for complex rehabilitations where existing anatomical landmarks are lacking.

#### **Learning objectives:**

- 1) Learn from a series of clinical “nightmares” that implant complications are generally predictable and avoidable by adequate diagnosis and treatment planning.
- 2) Learn how to incorporate immediate loading into their clinical armamentarium and streamline complex cases.
- 3) Understand when and how hard and soft tissue grafting can benefit the achievement of adequate implant esthetics.

**Bio:** Dr. Carlo Ercoli graduated from the “Enrico Berlinguer” Dental Technology Institute in Rome in 1987 and obtained his dental degree from the University of Siena, Italy in 1993. He specialized in Prosthodontics in 1996 at the Eastman Dental Center in Rochester, New York, where he also completed a one-year training in Temporomandibular Joint Disorders in 1997. In 2012, he achieved specialty certification in Periodontology at the University of Rochester Eastman Institute for Oral Health. He is currently Professor, Chairman and Program Director of the Prosthodontic Specialty Training Program at the University of Rochester, Eastman Institute for Oral Health and a faculty member of the Periodontology Program.

Dr. Ercoli is a diplomate of the American Boards of Prosthodontics and Periodontology, an ITI Fellow and holds memberships in several dental organizations including the American and International Association of Dental Research, American Academy of Periodontology, the American College of Prosthodontists, Academy of Osseointegration, American Academy of Fixed Prosthodontics and American Prosthodontic Society. He is a Past President of the American Prosthodontic Society.

Dr. Ercoli has authored several publications and his research interests are focused on the biomechanics of dental implants, cutting protocols for bone and tooth preparation, and on clinical and laboratory testing of dental materials and techniques. He maintains a faculty practice limited to Prosthodontics and Periodontics. He has lectured nationally and internationally on several topics related to clinical prosthodontics and implant dentistry.



**2:30 pm - Dr. Basil Mizrahi**

### **Biomechanical and Aesthetic Precision in Complex Fixed Prosthodontics**

**Synopsis:** Success of dental restorations should not only be measured by immediate outcomes such as patient comfort and appearance, but also by long-term survival and stability of the definitive restorations. Long-term success is dependent on the level of precision at which treatment is carried out. The three main areas in which this precision should be focused are precision of fit, occlusal precision, and aesthetic precision. Dr Mizrahi will discuss his philosophy and the importance of progressive and predictable steps to precision in complex cases. The presentation will be clinically orientated and will benefit both clinicians and technicians.

#### **Learning objectives:**

1. Understand the techniques used with provisional restorations to create tissue health and support
2. Understand the rationale and technique behind making a full arch impression
3. The progression in precision of various bite registration techniques as a complex case progresses
4. Learn how to ensure, verify and maintain occlusal relationship coincidence between the mouth and the laboratory

**Bio:** Basil Mizrahi completed his specialist training in the USA in prosthodontics and implants and is recognised by the General Dental Council as a Specialist in Prosthodontics and Restorative dentistry. He runs a full time, referral based private practice specialising in complex rehabilitation, aesthetic cases and dental implants. Basil is Director of Mizrahi Dental Teaching [www.mizrahi-dental-teaching.co.uk](http://www.mizrahi-dental-teaching.co.uk) where he runs hands-on and didactic courses in all aspects of advanced aesthetic and restorative dentistry. Basil is also an Honorary Clinical Lecturer at UCL Eastman Dental Institute and a Diplomate of the American Board of Prosthodontics.





**4:00 pm – Dr. Van Haywood**

**Tooth Bleaching Techniques: The pre-bleaching exam and single dark teeth**

**Synopsis:** Two of the most important aspects of bleaching are to understand the essential components and importance of the pre-bleaching examination, and to determine the most predictable technique for bleaching single dark teeth. The components for a proper examination for any type of bleaching will be presented to advise the patient whether or not they are a good candidate for bleaching, which type of bleaching may work well, and what to expect from bleaching in outcomes, safety and efficacy. Single dark teeth do not use the traditional bleaching approach, whether bleaching vital or non-vital teeth. Special tray design and treatment protocols will be shown for vital teeth. Endodontically-treated anterior teeth generally do not need a crown if discoloration is the only problem, so treatment information for internal bleaching and restoration of those teeth will be presented.

**Learning objectives:**

1. Bleaching examination components, plus hydrogen and carbamide peroxide differences
2. Bleaching options for single dark teeth with internal and external stains
3. Tray fabrication techniques and indications

**Bio:** Van B. Haywood, D.M.D., is Professor in the Department of Oral Rehabilitation, College of Dental Medicine, Georgia Regents University. In 1989, he co-authored the first publication in the world on Nightguard vital bleaching (at-home bleaching) with Dr. Harald Heymann, and in 1997 co-authored the first article on extended treatment (six-months) of tetracycline-stained teeth using this technique. He has completed further research and over 145 publications on the NGVB technique and the topic of bleaching and esthetics, including first papers on treating bleaching sensitivity with potassium nitrate, direct thermoplastic tray fabrication, bleaching primary teeth, and caries control with bleaching materials.

His book titled “Tooth Whitening: Indications and Outcomes of Nightguard Vital Bleaching”, was published by Quintessence International in 2007 and is now available on eBooks. He has lectured in 30 different countries, 31 states and several dental schools, including four schools abroad. Since 2001, he has been listed every year in the “Top Leaders in Continuing Education” for the United States by Dental Products Report. His main areas of speaking involve bleaching, sensitivity, and caries control. Related topics include smile analysis, bonding, occlusion, restorative dentistry, and splints, with how those areas relate to a functional and esthetic evidence-based conservative treatment of a patient.

## Saturday Speakers October 3, 2015



8:30 am - Dr. Peter Fritz

### **Supportive Implant Therapy: A Step By Step Protocol to Maintaining Implants**

**Synopsis:** This update is essential for every surgeon and restorative dentist offering implant dentistry, as well as for hygienists maintaining dental implants.

As more and more patients are being treated with dental implants, there is some uncertainty regarding the appropriate maintenance protocols. This can lead to peri-implant diseases.

This lecture will review in detail an algorithm that is used on a daily basis in a periodontal office that can be used in any practice as an effective maintenance strategy as well as one to identify patients with potential implant problems.

#### **Learning objectives:**

1. To understand the most current protocol of implant maintenance.
2. To use a system to identify problems with implants.
3. To be able to instruct patients on appropriate implant home care.

**Bio:** Dr. Fritz is a certified specialist in Periodontics and is in full-time private practice in Fonthill, Ontario. The focus of his periodontal practice is dental implant therapy, microsurgical bone and soft tissue reconstruction, and oral medicine.

Dr. Fritz practiced General Dentistry for 5 years before earning a Fellowship in Periodontics from the Royal College of Dentists of Canada. Dr. Fritz considers the most important part of his clinical training to be the completion of a Ph.D. in the molecular biology of bone formation from the University of Toronto. This provides Dr. Fritz with the ability to approach clinical problems from a rigorous scientific perspective.

Dr. Fritz is an Adjunct Professor in the Centre for Bone and Muscle Health, Faculty of Applied Health Sciences at Brock University, Staff Periodontist for the Niagara Health System, President of the Welland District Dental Society, Past-President of the Ontario Society of Periodontists and a Fellow of the International Team for Implantology (ITI). Dr. Fritz has lectured extensively across North America and Europe and has published many articles and book chapters on the topic of implants and bone health.



**8:50 am - Dr. Kristina Perschbacher**

**Leukoplakia: Hyperkeratosis to Carcinoma**

**Synopsis:**

White lesions in the oral cavity that cannot be characterized clinically or pathologically as any other disease are called leukoplakia. Leukoplakia is among the most common oral precancerous lesions. Dentists may be uncertain as to how to proceed when they identify a white lesion in their patients. This short review will help participants recognize a leukoplakia, understand the histopathological diagnosis of leukoplakia, appreciate the management of leukoplakia and feel comfortable about how to communicate this information to their patient.

**Learning objectives:**

1. Learn how to identify an oral leukoplakia and know when to biopsy.
2. Review and understand the possible histopathological diagnosis given for leukoplakia.
3. Understand the appropriate management and treatment once there is a proven diagnosis for the leukoplakia.

**Bio:** Dr. Kristina Perschbacher graduated with her DDS from the University of Western Ontario and obtained her MSc and specialty education in Oral Pathology and Oral Medicine at the University of Toronto. She is a Fellow of the Royal College of Dentists of Canada. The majority of Kristina's time is spent seeing patients in private Oral Pathology and Oral Medicine practice. She is also a part time lecturer in the undergraduate and postgraduate oral pathology and oral radiology programs at the University of Toronto. Kristina is also an oral examiner for the Royal College of Dentists of Canada.



**9 :10 am – Dr. Susanne Perschbacher**

**Panoramic radiography: shedding light on the shadows**

**Synopsis:** Panoramic radiographs are complicated images depicting the anatomy of the maxillofacial region as complex superimposed shadows. Dental practitioners may frequently feel frustrated determining which shadows should be a concern and which ones are normal. Errors in image acquisition often exacerbate this challenge. This short review will help participants become more comfortable interpreting panoramic radiographs. Panoramic anatomy will be demystified and through a case-based approach, panoramic artifacts, common variations of normal and pathology will be presented.

**Learning objectives:**

1. Learn how the osseous structures of the maxillofacial region are projected onto a panoramic radiograph.
2. Learn how soft tissues and air spaces superimpose over the osseous structures.
3. Understand why ghost shadows are created in panoramic radiography.

**Bio:** Dr. Perschbacher received her DDS at the University of Western Ontario and completed her specialty training and MSc in Oral and Maxillofacial Radiology at the University of Toronto. She is a Fellow of the Royal College of Dentists of Canada and a Diplomate of the American Board of Oral and Maxillofacial Radiology. Dr. Perschbacher is an Assistant Professor in the Department of Radiology, University of Toronto, where she teaches in the undergraduate and postgraduate programs. She also works in a private radiology practice in Toronto.



**9:30 am – Dr. David Psutka**

### **TMJ Surgery. State of the Art and Science**

**Synopsis:** Structural problems of the TMJ usually require surgery while resistant or advanced functional problems (internal derangements and osteoarthritis) can benefit from surgery. Arthrocentesis has a high success rate for bio molecular or “washable” causes of arthralgia and early closed lock. Arthroscopic surgery is a highly effective minimally invasive surgical workhorse used for the majority of surgical cases. Patients with more advanced degeneration or destruction can be treated with autogenous TMJ partial or total joint reconstruction or alloplastic total joint replacement. This lecture will present the current indications for TMJ surgery, an overview of these techniques and evidence based data supporting their effectiveness.

#### **Learning objectives:**

1. To learn the indications for TMJ surgery and which patients will benefit from a referral for surgical assessment.
2. To understand the types of TMJ Surgery, their biological rationale and basic technique.
3. To understand the evidence supporting the efficacy of TMJ surgery.

**Bio:** David Psutka is an oral and maxillofacial surgeon who maintains a private practice with a focus on implant, orthognathic and TMJ surgery in Mississauga, and is staff surgeon at Credit Valley Hospital and Trillium Health Center.

He is senior staff oral and maxillofacial surgeon and co-founder of the Mount Sinai Hospital Center for Excellence in TMJ Reconstructive Surgery. Patients are seen here from across Canada for complex TMJ and maxillofacial surgery. He is also attending surgeon at the University of Toronto and teaching staff at the University of Toronto Residency Program in Oral and Maxillofacial Surgery and Anesthesia.

Dr. Psutka has over 100 publications and lectures and is the coauthor of the implant surgical chapter in the book “Synergies in Osseointegration”, published in 2008 and edited by Dr. George Zarb. Dr. Psutka has lectured and demonstrated surgery extensively in North America and Europe. He is an examiner for the Royal College of Dentists of Canada.

Dr. Psutka is past president of the Ontario Society of Oral and Maxillofacial Surgery and the Halton Peel Dental Association. He has helped enact regulatory changes that modernized the legal scope of practice for oral and maxillofacial surgeons in Ontario. He represents Oral and Maxillofacial Surgeons and the ODA in dealings and negotiations with the Ontario Provincial Government and Ministry of Health. Dr. Psutka received the Ontario Dental Association Service Award in 2005.



**9:50 am – Dr. Michelle Lee**

### **Surgical Strategies to Manage the Labially Positioned Dental Implant**

**Synopsis:** Proper dental implant placement is paramount to facilitate the restorative treatment process and to achieve an ideal esthetic outcome. A labially positioned dental implant will not only limit the restorative treatment options, but significantly compromise the ability to create an ideal emergence profile. While removal of a poorly positioned implant is preferable, in some cases this may not be possible or desired by the patient. This presentation will focus on surgical strategies used to manage and overcome the esthetic challenges caused by labially positioned dental implants.

#### **Learning objectives :**

1. to identify esthetic challenges of a labially positioned dental implant
2. to understand how subepithelial connective tissue grafting can be used to mask a labially positioned dental implant
3. to understand the limitations of restorative and soft tissue management in these cases

**Bio: Michelle M. Lee, DMD, MSD, FRCD(C), FCDS(BC)**, is a certified Periodontist who received her dental degree from McGill University, Montreal, Que., and subsequently completed a general practice residency at the University of Washington, Seattle, WA. Following her hospital training, Dr. Lee completed the periodontics specialty program and received her certificate, in addition to a master of science, from the University of Washington. Dr. Lee returned to Vancouver BC in 2007 to practice with her father, Dr. Kenneth K.S. Lee. She holds faculty appointments at both University of British Columbia and University of Washington. She is a Fellow of the Royal College of Dentists of Canada and the College of Dental Surgeons of BC.





**11:00 am - Dr. Keith Phillips**

**Expedited Implant Strategies for the Terminal Dentition  
(55 Minute Presentation)**

**Synopsis:** Fixed removable hybrid prosthetic therapy has become a viable option for the edentulous or terminal dentition patient. Many implant companies have embraced this exciting treatment option including All-on-4™ (Nobel Biocare), SmartFix™ (Dentsply) and others. However, hybrid prostheses can pose challenges even for the dentist that is skilled in removable prosthodontics and dental implants. This lecture will focus on walking the dentist through the fixed-removable hybrid prosthesis procedure start to finish. Emphasis will be placed on avoiding common prosthodontic treatment errors. Participants will learn how to treat the fixed-removable hybrid patient prosthetically as efficiently as possible.

**Learning objectives:**

1. Biomechanical treatment planning concepts for the terminal dentition patient.
2. Surgical-technical-prosthetic interrelationships for the hybrid prosthesis.
3. Coordination of clinical and laboratory steps for efficient surgical and prosthetic therapy.

**Bio:** Keith M. Phillips received his D.M.D. from the University Of Pennsylvania School Of Dental Medicine, a certificate in Prosthodontics with an M.S.D. from the University of Washington and is a Diplomate of The American Board of Prosthodontics as well as a Fellow in the American College of Prosthodontists. After completion of his postdoctoral training Dr. Phillips became Assistant Professor of Restorative Dentistry at the University of Pennsylvania School of Dental Medicine as well as Chief of Restorative Dentistry at the University of Pennsylvania Medical Center. Dr. Phillips returned to the University of Washington to become the Director of the Graduate Program in Prosthodontics from 1996 to 2004 and was Associate Director from 2004 to 2009. He is currently an affiliate Associate Professor at the University of Washington, The University of Southern California, The University of Pennsylvania, and Tufts University. He is also a guest lecturer at the Kois Center in Seattle, WA and the Ickert Teaching Centre in Vancouver, BC. He is a reviewer for numerous journals and is Associate Editor for the Journal of the American Dental Association. He maintains a private practice in Tacoma, Washington.



2:00 pm - Dr. Oliver Pin Harry

### **Short Implants: Scientific Rationale and Clinical Applications**

**Synopsis:** Clinicians are confronted by the physiologic reality of bone resorption when treatment planning for implant therapy. Several bone augmentation techniques have been described with different degrees of success. However, they are not without limitations and risks. In addition, patients may not accept these procedures for reasons including increased duration of treatment, costs and morbidity.

Consequently, the alternative of short implants can be presented to the patient. Short implants may avoid vital structures and reduce surgical risks and morbidity. Although short implants may be viewed with skepticism, there is a growing body of evidence that supports their clinical success.

This presentation will review the concerns that surround the use of short implants as well as their clinical applications and limitations based on current available scientific evidence.

#### **Learning objectives:**

1. Understand the challenges presented by resorbed edentulous sites and the limitations of bone augmentation techniques
2. Be familiar with the most common concerns with short implants and the scientific evidence that supports their use
3. Be familiar with the possible clinical applications and know the limitations associated with short implants

**Bio:** Dr. Oliver C. Pin-Harry, DDS, MS, Cert. Prostho, FRCD(C) received his DDS '97 from L'Université de Montpellier, France. After nine years of private general practice in Ontario, he returned to graduate school for specialty training in Prosthodontics at the University of North Carolina, Chapel Hill, USA, earning a Certificate & Master of Science Degree in Prosthodontics in 2011. He received numerous awards and accolades while in the US including the Research Fellowship Award from the American College of Prosthodontists.

He is the owner of Burlington Prosthodontics, a referral-based practice, dedicated to Dental Implants, Esthetic and Reconstructive Dentistry. The facility, located in Burlington, Ontario, is also home to the Burlington Prosthodontics Study Club, with a mission to nurture excellence in continuing dental education.

Dr. Pin-Harry is a Fellow of the Royal College of Dentists of Canada, Diplomate of the American Board of Prosthodontics and Fellow of the American College of Prosthodontists. He is an appointed examiner in Prosthodontics for the Royal College of Dentists of Canada and serves as Adjunct Assistant Professor in the department of Prosthodontics at the University of North Carolina at Chapel Hill. He lectures regularly at scientific dental meetings and study clubs in Canada and the US.



**2:20 pm - Dr. Izchak Barzilay**

**Wide body implants: what are they good for?**

**Synopsis:** Dental implants come in various shapes, sizes, surface configurations and materials. Early on the implant widths were limited and after a period a “clinical testing” by many of us, it was determined that wide implants would have some benefit. Wide versions of existing implants were then introduced and since then all types of wide implants have made it to market. This presentation will review the history of the wide implant, its uses, its limitations, its benefits and its draw backs.

**Learning objectives:**

1. Recognize wide implant designs and understand the ideal uses for them
2. Understand differences between the wide implants and more conventionally sized implants
3. Understand limitations for these implant styles.

**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.



**2:40 am – Dr. Jim Soltys**

**The 1-wing inlay/Maryland bridge; an implant alternative**

**Synopsis:** Not enough space? I've got the Ace!

Remember the Maryland Bridge? Most of us would like to forget that era. Remember the gold pinlay bridge? Definitely forgotten, or never learned at all, but very successful in its day. Along comes the dental implant, and the Maryland Bridge falls more out of favor. But what to do if there isn't enough space required for both hard and soft tissues for the missing lateral incisor? What if the parents can't afford the implant choice as the orthodontics is finished, and college costs weigh heavy on the horizon?

A possible answer is the one wing pinlay/Maryland Bridge. I have combined the retentive features of the gold pinlay abutment with the features of the acid etch retainer to come up with a very secure, and quite long lasting "provisional" choice. A step-by step method will be presented.

**Learning objectives:**

1. Understand the mechanical retentive design of a pinlay retainer.
2. Understand the space requirements for hard and soft tissues for an esthetic implant.
3. Prepare a canine for a one wing pinlay/acid etch retainer to anchor a single lateral incisor cantilever.

**Bio:** Dr. Soltys is a 1981 graduate of the Ohio State University College of Dentistry. He subsequently completed a 1-yr GPR at Eastman Dental Center in Rochester, NY. After 10 years of private practice he went back to the Eastman Dental Center to receive his Certificate in Prosthodontics. He has a private practice in Victor, NY.

Dr. Soltys is a Board Certified Diplomate of the American Board of Prosthodontics; a member of the American College of Prosthodontists, the International Team for Implantology and the American College of Dentists. He teaches one day a week at the Eastman Institute of Oral Health Department of Prosthodontics, and has lectured extensively about implants, ceramics, and partial dentures at the local, national, and international level.



**3:00 pm – Dr. Nancy Dubois**

### **Prosthodontic Treatment Planning for Obstructive Sleep Apnea (OSA) Patients**

**Synopsis:** OSA is estimated to involve 34% and 17% of middle-aged men and women. Untreated OSA can significantly impair a patient's quality of life, and increase morbidity due to medical complications or motor vehicle accidents.

Dentists should screen patients for OSA, especially those who require prosthodontic treatment. They have the training to recognize signs of Gastroesophageal Reflux Disease (GERD) and Sleep Bruxism (SB). Each condition has been found in a number of OSA patients. OSA can be managed using different treatment modalities depending on the severity of the condition. One modality is the use of an MRA to reposition the lower jaw in a protrusive position during sleep. A debilitated dental condition should be improved or stabilized prior to the fabrication of an MRA. Paradoxically, dental appliances such as night guards used to prevent damage to natural teeth during SB have the potential to worsen OSA severity. This presentation will identify key factors in prosthodontic treatment that may have an impact on the long-term success of OSA therapy.

#### **Learning objectives:**

1. Recognize the importance of screening patients for OSA
2. Understand the concept of the Mandibular Repositioning Appliance (MRA) in the treatment of OSA
3. Identify key factors in planning prosthodontic treatment for OSA patients

"Dr Dubois was born in Québec City. She joined the Canadian Forces Dental Officer Training Program in 1988. After completion of her Dental Degree at Université Laval in 1992 she was posted to Canadian Forces Garrison Valcartier, Québec. In 2004, selected for the military post-graduate training program, she enrolled in a 3-year residency program at University of Connecticut. She obtained a Certificate in Prosthodontics and Masters in Dental Sciences. Posted to Petawawa in 2007, she was the Dental Detachment Commander and Prosthodontist at the Garrison Specialty Care Centre for 6 years. She retired from the regular forces in 2013 after 25 years of service. She kept the responsibility of Prosthodontic Practice Leader for the Royal Canadian Dental Corps as a reservist. Dr Dubois is a Fellow of the Royal College of Dentists of Canada and Diplomate of the American Board of Prosthodontists. Dr Dubois is currently employed as a civilian prosthodontist at Garrison Petawawa where she provides sleep dental medicine therapy and prosthodontic treatment to the Canadian soldiers."



**3:20 pm – Dr. Brent Winnett**

**Screw vs. Cement-retained Implant Prosthodontics: the Practical Reality**

**Synopsis:** The use of conventional cementation has been advocated for several years for several reasons - and few of them are sufficient to justify the risks associated with this technique. While this issue remains controversial in some quarters, this lecture will demonstrate that the current patient treatment reality does not support this controversy. This presentation is an advanced discussion of the justification for this perspective with specific reference to the existing literature. The purpose of this lecture is to address the accuracy of the “facts” involved in the oft-repeated arguments against screw-retention, and, then, provide an evidence-based starting point for the current practitioner. Recommendations will be made regarding modern alternatives to cementation when the implant position presents a challenge to simple screw-retention. Examples of these techniques will be discussed, specifically including the dental laboratory’s role in the workflow.

**Learning objectives:**

1. Discuss the historical background underlying the longstanding controversy regarding screw-vs cement-retention of the implant supported prostheses
2. Recognize the clinical presentations of patients whose dental implants require an alternative approach to straightforward screw retention
3. Understand these alternative approaches to cementation and how to apply them clinically

**Bio:** Dr. Brent Winnett is privileged to serve as the Canadian Armed Forces Royal Canadian Dental Corps. (RCDC) Regional Prosthodontist for the province of Ontario, and as the Officer-in-Charge of the Montfort Hospital Dental Clinic in Ottawa. He also serves as Secretary-Treasurer of the Association of Prosthodontists of Canada. Dr. Winnett first enrolled in the Canadian Armed Forces during his first year of civilian dental education at the University of Western Ontario in 2002, and, after graduation in 2005, has served in the role of: Dental Officer at CFB Halifax Stadacona Dental Hospital; Officer-in-Charge of 12 Wing Shearwater Dental Clinic; Senior Canadian Contingent Dentist, Pacific Partnership 2008 while overseas during a multinational humanitarian mission to Southeast Asia with the U.S. Navy aboard the USN Ship MERCY; and, as Dental Detachment Commander aboard the HMCS PRESERVER, including during a multinational NATO deployment in the North Atlantic. He then completed his M.Sc. in Prosthodontics at the University of Toronto in 2013, and became a Fellow of the Royal College of Dentists of Canada shortly thereafter. Dr. Winnett continues his involvement in clinical research with the Faculty of Dentistry at the University of Toronto, as well as working evenings in private practice in Ottawa.





**3:40 pm – Dr. Uche Odiatu**

**Exercise is Medicine: The right Rx for the Dental Professional**

**Synopsis:** Want to learn some insider strategies to boost your health and vitality? This thought provoking session was designed with you in mind. This practicing dentist, veteran athlete, NSCA Certified Personal Trainer, author of *The Miracle of Health and Fit for the LOVE of IT!* and professional member of the American College of Sports Medicine will

support your next step in your personal wellness journey.

**Learning objectives:**

1. Understand recent evidence that reveals building more lean muscle will give you better blood sugar management for up to 18 hours after weight training
2. Discover how regular exercise strengthens your immune system
3. Learn why flexibility training is a must for anyone who wants to live independently after they retire
4. Receive the latest information on H.I.I.T. or High Intensity Interval Training where “less exercise is more”

**Bio:** Dr Odiatu was born in London, England and his family immigrated to Canada in 1971. His love of fitness started at the young age of 13 when he began training with weights. This led to provincial, national and international competition.

Uche is triple certified as a personal trainer and is a professional member of the American College of Sports Medicine. He is a board member of the Holistic Allied Professional Association.

Dr Odiatu graduated from the University of Manitoba dental school in 1989 and maintains a private dental practice in Toronto.

He is a certified Nutrition & Wellness Specialist, a Certified Holistic Lifestyle Coach and provides wellness guidance for his patients along with conventional dental treatments.

Dr Odiatu and wife Kary have three young children. This dynamic duo have been invited guests on 360 radio & television shows including ABC 20/20 and Canada AM.

They have authored two books. The most recent being, *The Miracle of Health*.

He has lectured at all the top dental conferences in North America.

His #1 goal today is to get you passionate about your health and the overall health of your patients!

**14.5 CE Credits will be issued for Friday and Saturday Scientific Meeting Attendance**