



2017 Annual Scientific Meeting Program, September 14 – 16, 2017, Vancouver, BC

Thursday, September 14 th	
9:00 am - 12:00 pm	Half Day Hands on Course - Dr. Jonathan Ng – How to Use Digital Impression Scanning and In Office Milling
9:00 am - 5:00 pm	Full Day Hands on Course - Dr. Richard Tucker - Preparation and Seating of Conservative Cast Gold Restorations
Friday, September 15 th	
8:20 am	Dr. Les Kallos – CARDP President, Dr. Ash Varma – Scientific Program Chair
8:30 am	Dr. Samson Ng - Another way of looking at lumps and bumps in the mouth
9:30 am	Dr. Toby Bellamy - Oral Surgery....Simplified
10:30 am - 11:00 am	Refreshment Break with Sponsors – Exhibit Hall
11:00 am	Dr. Richard D. Tucker - Conservative Gold Castings; Simplicity and Longevity
12:00 Noon - 1:30 pm	Luncheon with Sponsors – Exhibit Hall
1:30 pm	Dr. Bobby Birdi - Today's Teeth in One Day - Immediate Loading of Partial & Full-Arch Cases
2:30 pm	Dr. Carlos Sabrosa - Success Simplified in Modern Restorative Dentistry. Part I
3:30 pm - 4:00 pm	Refreshment Break with Sponsors – Exhibit Hall
4:00 pm - 5:00 pm	Dr. Jonathan Ng - What you need to know about Digital Impressions
5:00 pm - 6:00 pm	Sponsor Wine and Cheese Reception – Exhibit Hall
Saturday, September 16 th	
8:30 am – 8:50 am	Dr. Peter Walford - Failed or impossible implants? A sound and attractive cast metal solution from the adhesive world.
8:50 am - 9:10 am	Dr. Dimitrios Karastathis - Everything you wanted to know about Peri-implantitis
9:10 am - 9:30 am	Dr. Ron Zokol - Introduction into Dynamic Surgical Navigation
9:30 am – 9:50 am	Dr. Ira Paul Sy - Guided Tissue Profiling in the Esthetic Zone Around Natural Teeth and Endosseous Implant
9:50 am - 10:10 am	Dr. David MacDonald - Cone-beam computed tomography and the restorative dentist
10:10 am – 10:30 am	Dr. Carlos Sabrosa - Success Simplified in Modern Restorative Dentistry. Part II
10:30 am - 11:00 am	Refreshment Break with Sponsors – Exhibit Hall
11:00 am – 12:00 pm	Dr. Mark Olesen - Root Fractures and some strategies to avoid them
12:00 pm – 12:30 pm	Pre-Lunch Reception with Sponsors
12:30 pm - 2:00 pm	CARDP Members & Guest Luncheon
2:00 pm – 5:00 pm	Dr. Terry Donovan – Current Controversies in Restorative Dentistry
3:00 pm - 3:30 pm	Refreshment Break - Foyer
5:00 pm - 5:10 pm	Dr. Les Kallos - Meeting Conclusion Dr. Patrick Arcache – Montréal 2018 Annual Meeting Announcement & Video

7 CE Credits will be issued for Full Day Hands on Course and 3 Hours for Half Day Course

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

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Hands on Course — Half Day
Thursday, September 14, 2017
9:00 am – 12:00 pm

Dr. Jonathan Ng – Vancouver, BC

Hands on Course Title: How to Use Digital Impression Scanning and In Office Milling

Location: Vancouver Pinnacle Harbourfront Hotel – Port of New York Room, 3rd Floor

\$ 295.00 (Inclusive, includes breaks, hands on course materials and all taxes and gratuities)

CE Credits: 3

Synopsis: Digital dentistry is the focus of advanced dentistry today. The modern dental practice cannot help but be touched by various facets of the digital workflow. This session aims to explore various digital impression systems, digital designing and where in-office CAD/CAM is useful today. Come see how the various facets of digital technology is at our fingertips and gain an understanding of the available technology so that you can utilize it to unlock the power of these tools in your practice today. Attendees will get a first-hand experience with scanners and how they are used. Take hold of various scanners and get a chance to try out the technology. There will be a chance to dive in to the world of in-office CAD/CAM and see the benefits of this type of technology in everyday dental practice.

Learning Objectives:

1. Explore various digital impression systems
2. Understanding digital impression systems and application
3. Digital design workflows
4. In-Office CAD/CAM and some of its application today

Bio: Dr. Jonathan A. Ng, BMedSc, DDS, MSc, Dip. Pros., FRCD(C) is a Certified Specialist in Prosthodontics. He earned his specialist training at the University of British Columbia in Vancouver and his Bachelor of Medical Sciences and Doctor of Dental Surgery degrees at the University of Alberta.

Following completion of a general practice residency, he continued at the University of Alberta Hospital as a staff dentist treating medically compromised patients in a clinical and operating room setting. He also managed a rural practice in Elk Point, Alberta. Dr. Ng is currently an Assistant Clinical Professor at the UBC Department of Dentistry and is also on staff as a clinical Prosthodontist at the BC Cancer Agency in Vancouver delivering multifaceted prosthodontic care and oral and facial rehabilitation to medically complex patients.

Dr. Ng's private practice is on West Broadway in Vancouver, Canada. He focuses his private practice on esthetic and functional reconstruction ranging from the single tooth situation to complex prosthodontics. His practice includes the surgical placement and restoration of dental implants. He has a passion for the area of digital dentistry such as digital impressions and the digital workflow and has been invited to speak both nationally and internationally on these topics. He has published articles on the subject area.

Dr. Ng has been involved in international aid missions with a strong desire to help those in underdeveloped countries. When not practicing dentistry, he enjoys photography, playing the guitar and snowboarding.

Sponsored By:  HENRY SCHEIN® 

ADAC·E·R·P
CONTINUING EDUCATION RECOGNITION PROGRAM

Hands on Course — Full Day
Thursday, September 14, 2017
9:00 am – 5:00 pm

Dr. Richard D. Tucker – Bellingham, WA

Title: Preparation and Seating of Conservative Cast Gold Restorations

Location: Lecture room at the BCDA Learning Centre
1765 West 8th Ave, Vancouver BC V6J 5C6

Meet in the Lobby at 8:00 am

\$ 595.00 (Inclusive, includes transfer, breaks and luncheon, hands on course and all taxes and gratuities)

CE Credits: 7

Synopsis: In the morning session, each participant will prepare a variety of cast gold restoration designs, utilizing clinical materials to simulate as close as possible the true clinical situation. In the afternoon session, each participant will seat and finish a cast gold restoration provided by the course, on a natural tooth. All equipment and supplies will be provided, except for operator loops or magnification.

Learning Objectives:

1. Preparation design and extension
2. Preparation detail
3. Evaluation of a cast gold restoration prior to cementation
4. Cementation and finishing techniques for great results.

Bio: Dick Tucker graduated from the university of Washington School of Dentistry in 1976, and has maintained a private dental practice in Bellingham Washington for the past 40 Years. He is an operating member of one clinical study club, which meets monthly, and mentors three clinical study clubs in cast gold restorations also monthly. Dick has lectured in Mexico, Canada, the United States, and Europe. Other educational endeavors include teaching an elective course in cast gold restorations at the University of Washington School of Dentistry, and teaching the Tucker Institute course in Cast Gold Restorations.

He is also an Affiliate Associate Professor at the University of Washington School of Dentistry, a member of the Academy of Operative Dentistry, a member of the American Academy of Restorative Dentistry, and past president of the American Academy of Golf Foil Operators. If he can't be practicing dentistry, he enjoys fishing, sailing and mountain climbing, having climbed six peaks over 18,000 feet.

Sponsored By: Columbia – Dentoforms, Hugh Freidy – Instruments, Komet and Brassler - Burs Jensen Gold -Gold

Scientific Meeting Speakers
"Dentistry Today, a Multi-Disciplinary Approach"

Friday, September 15th — 55 min presentations

8:30 am – Dr. Samson Ng, Abbotsford, BC

Title: Another way of looking at lumps and bumps in the mouth

Synopsis: Please join us for this interactive seminar designed to review oral lesions and dental therapeutics that oral care providers commonly encounters in a community practice. This seminar will reinforce the chair-side techniques for head & neck and intra-oral examinations. Techniques for written and photo documentation of oral lesions will also be discussed. The visual presentation and hands-on demonstrations of adjunctive evaluation tools will definitely make these topics interesting and educational. Topics includes, common benign oral lesions, microbial infections, and oral pre-cancerous lesion.

Objectives:

1. Consolidate the clinical technique of performing an extra-oral and intra-oral soft tissue examination
2. Ability to diagnosis and treat non-odontogenic oral lesions commonly identified in a community setting
3. Recognize oral lesions/entities that should be ‘red flag’, and discuss the proper initial management
4. Discuss the BC brewed technology used oral (pre-) cancer detection

Bio: *Samson Ng, BSc(Pharm), DMD, MSc, FRCD(C), FDSRCSEd, Dip. ABOM., Dip. ABOMP* is a Canadian and American Board certified oral medicine specialist and oral & maxillofacial pathologist. He is currently appointed as clinical assistant professor at the University of British Columbia, attending staff at the Department of Dentistry of the Vancouver General Hospital, Regional Practice Leader in the Program of Oral Oncology/Dentistry in the BC Cancer Agency and pathology consultant at PMI pathology Lab. Dr. Ng also operates a private practice which provides comprehensive oral medicine and pathology consultations, with a special interest in oral mucosal and temporomandibular joint diseases.

9:30 am – Dr. Toby Bellamy, Coquitlam, BC

Title: Oral Surgery....Simplified

Synopsis: Oral surgery can be one of the most rewarding procedures a dental practitioner can perform. It can also be the most stressful if complications are encountered. This course will help the general practitioner navigate pre-operative diagnosis, procedures, and possible complications that can be encountered. Complications including bleeding, sinus exposure, and dry sockets will be included. Many more areas will be explored using real life examples. The lecture is given in an open format and questions are encouraged. This course is intended for those who regularly perform oral surgery in their offices and those who would like to do more, but still have questions. Extractions and ridge preservation prior to implant placement will also be covered.

Objectives:

1. Discuss pre-operative issue that can affect the outcome of surgical procedures
2. Discuss complications and their management
3. Discuss hard and soft tissue grafting techniques

Bio: Dr. Bellamy received his dental degree from the University of British Columbia (UBC). After practicing general dentistry in the Vancouver area for 3 years, he completed his Oral and Maxillofacial Surgery residency at the Washington Hospital Center in Washington DC. Currently he is a part time clinical faculty member at the UBC Oral Surgery Department. He is an international speaker on surgical aspects of implant dentistry and oral surgery aimed at the general practitioner. He maintains a private practice with emphasis on implant dentistry and tissue engineering in Coquitlam BC. He also enjoys helping the profession and is past president of the BC Dental Specialist Society and BC Association of Oral and Maxillofacial Surgeons.

11:00 am – Dr. Richard D. Tucker, Bellingham, WA

Title: Conservative Gold Castings; Simplicity and Longevity

Synopsis: Cast gold restorations offer the patient service extending many decades. Careful attention to detail can result in these restorations being totally invisible, or in more extensive cases, still esthetically pleasing. As the patient's teeth wear overtime, the material wears as the patient's teeth wear, adapting to the ever-changing occlusion of the natural dentition. The preservation of tooth structure will be stressed, at this is the key to success with this technique. The step by step procedure for creating beautiful long lasting cast gold restorations will be covered, with attention to the reasons for the choice of the individual materials. Additional techniques will also be presented to address problems often encountered in designing restorations to fit atypical situations.

Objectives:

1. The attendee will understand the basic requirements for a good inlay preparation
2. The steps for the finishing of a cast gold restoration will be understood
3. The variations in cavity design will be covered in detail
4. Material choices and underlying reasons for selection should be clear

Bio: Dick Tucker graduated from the university of Washington School of Dentistry in 1976, and has maintained a private dental practice in Bellingham Washington for the past 40 Years. He is an operating member of one clinical study club, which meets monthly, and mentors three clinical study clubs in cast gold restorations also monthly. Dick has lectured in Mexico, Canada, the United States, and Europe. Other educational endeavors include teaching an elective course in cast gold restorations at the University of Washington School of Dentistry, and teaching the Tucker Institute course in Cast Gold Restorations.

He is also an Affiliate Associate Professor at the University of Washington School of Dentistry, a member of the Academy of Operative Dentistry, a member of the American Academy of Restorative Dentistry, and past president of the American Academy of Gold Foil Operators. If he can't be practicing dentistry, he enjoys fishing, sailing and mountain climbing, having climbed six peaks over 18,000 feet.

1:30 pm – Dr. Bobby Birdi, Vancouver, BC

Title: Today's Teeth in One Day - Immediate Loading of Partial & Full-Arch Cases

Synopsis: The course is designed to help the clinician understand immediate implant placement and immediate provisionalization concepts and their benefits. It will focus on the factors and techniques involved in providing an anterior or posterior “Tooth in One Day”, as well as providing “Teeth in One Day” as a full-arch protocol utilizing a team approach. The utilization of current digital, biologic (PRF/ PRP), and restorative modalities will be highlighted. Use of new restorative designs and materials will be demonstrated.

Objectives:

1. Benefits of immediate implant placement & provisionalization
2. Factors to consider during immediate loading
3. Utilization of Cone-beam technology and digital workflow

Bio: Dr. Birdi received his dental degree from the University of Saskatchewan and his post-graduate specialty training in both periodontics and prosthodontics from the University of Minnesota. He is a Fellow and Examiner for the Royal College of Dentists of Canada and a Diplomate of both the American Board of Periodontology and the American Board of Prosthodontics.

Dr. Birdi is an adjunct Assistant Professor at the University of Minnesota and the University of British Columbia where he is involved in research projects and clinical trials. Dr. Birdi also lectures internationally on perio-prosthetic implant therapy. Dr. Birdi is presently the director of the Pacific Institute for Advanced Dental Education which is a learning academy for fellow dentists. He currently practices at the BC Perio Dental Health & Implant Centers in Vancouver & Coquitlam. His practice focuses on comprehensive periodontal and prosthetic treatment with a major focus on esthetics and implant dentistry.

2:30 pm – Dr. Carlos Sabrosa, Rio de Janeiro, Brazil

Title: Success Simplified in Modern Restorative Dentistry. Part I

Synopsis: Aesthetics in dentistry today is an all-encompassing multidisciplinary treatment process that dentists provide for patients. The array of treatment options is wide and each clinical procedure varies. While some cases may have obvious solutions, many can leave us indecisive on the best treatment options. The main objective of this lecture is to show evidence-based requirements and conceptual bases, such as tooth preparation design and tooth surface topography, core build-ups, provisional restorations, impression materials and techniques, cements and adhesive cementation to optimize and efficiently achieve results in modern restorative and implant dentistry.

Objectives:

1. Tooth preparation design
2. Provisional restorations
3. Impression materials and techniques
4. Cementation and bonding

Bio: Carlos Eduardo Sabrosa CD, MSD, DScD - Dr. Sabrosa is an Associate Professor of the Department of Restorative Dentistry and the Director of the Center for Technology Development at the University of the State of Rio de Janeiro Dental School, Brazil. He received his DDS in 1992 from the University of the State of Rio de Janeiro Dental School and the Clinical Advanced Graduate Studies (CAGS) Degree in Prosthodontics from Boston University Goldman School of Dental Medicine, USA, in 1996. Dr. Sabrosa also

received his Master of Science and Doctor of Science Degrees in Prosthodontics/Biomaterials from Boston University Goldman School of Dental Medicine, USA, in 1997 and 1999 consecutively. He received the Steven Gordon Research/Clinical Award in 1995 and 1996 and the Tylman Research Grant Award in 1993 from the American College of Prosthodontics. He has a private practice, focused in Oral Rehabilitation and Implantology, in Leblon, Rio de Janeiro, Brazil.

Sponsored by: 3M

4:00 pm – Dr. Jonathan Ng, Vancouver, BC

Title: What you need to know about Digital Impressions

Synopsis: Dental impressions are used in almost every corner of dentistry. This crucial first step must be accurate and effective. The recent resurgence of digital impressions is revolutionary, but the multitude of choices and options leads to more confusion than conversion. This session addresses common misunderstandings and evaluates evidence regarding accuracy and reliability. This technology increases efficiency and productivity, and will dramatically improve outcomes benefiting both the clinician and the patient. As technology evolves, knowledge of this topic is not only important, but essential.

Learning Objectives:

1. Compare and contrast the use of conventional impressions and digital impression
2. What is the technology that exists and how does it work
3. What is the digital workflow and how does this improve clinical practice
4. What are the advantages and disadvantages of using technology and where can it be used
5. How does this type of technology improve communication with patients and improve case acceptance?

Bio: Dr. Jonathan A. Ng, BMedSc, DDS, MSc, Dip. Pros., FRCD(C) is a Certified Specialist in Prosthodontics. He earned his specialist training at the University of British Columbia in Vancouver and his Bachelor of Medical Sciences and Doctor of Dental Surgery degrees at the University of Alberta.

Following completion of a general practice residency, he continued at the University of Alberta Hospital as a staff dentist treating medically compromised patients in a clinical and operating room setting. He also managed a rural practice in Elk Point, Alberta. Dr. Ng is currently an Assistant Clinical Professor at the UBC Department of Dentistry and is also on staff as a clinical Prosthodontist at the BC Cancer Agency in Vancouver delivering multifaceted prosthodontic care and oral and facial rehabilitation to medically complex patients.

Dr. Ng's private practice is on West Broadway in Vancouver, Canada. He focuses his private practice on esthetic and functional reconstruction ranging from the single tooth situation to complex prosthodontics. His practice includes the surgical placement and restoration of dental implants. He has a passion for the area of digital dentistry such as digital impressions and the digital workflow and has been invited to speak both nationally and internationally on these topics. He has published articles on the subject area. Dr. Ng has been involved in international aid missions with a strong desire to help those in underdeveloped countries. When not practicing dentistry, he enjoys photography, playing the guitar and snowboarding.

Saturday Speakers
September 16th – 18 Minute Presentations

8:30 am – 8:50 am - Dr. Peter Walford, Hornby Island, BC

Title: Failed or impossible implants? A sound and attractive cast metal solution from the adhesive world.

Synopsis: Root proximity, inadequate bone, insufficient length, integrative failure or restricted budgets are common reasons for implant contraindication which can leave us stumped for fixed options. This presentation shows an innovative adhesive retainer design that enables an esthetic prosthesis, on single or multiple abutments, with 400 cases over 12 years to establish effectiveness.

Objectives:

1. Typical indications, applications and esthetic outcomes
2. Elements of the retainer design that insure success
3. Method of preparation to ensure conservative predictability
4. Importance of an opaque and hydrophobic cement to longevity and esthetics

Bio: BC Dentist Dr. Peter Walford McGill 1975, FCARDP, mentors study groups, publishes in Oral Health Journal, presents nationally at dental meetings, was the first online mentor for BCDA, and frequently demonstrates at PDC Live Stage. He counts Raymond Bertolotti and Richard V. Tucker as his biggest influences, combining innovation with reliability. He runs an organic farm on a BC Gulf Island, is a grandfather, triathlete, and builds high-performance boats for salt water as recreation.

8:50 am - 9:10 am – Dr. Dimitrios Karastathis, Vancouver, BC

Title: Everything you wanted to know about Peri-implantitis

Synopsis: As the number of implants being placed in patients has grown exponentially over the years, so too has the number of implant complications. One of the most severe complications that affect the long-term prognosis of an implant is peri-implantitis. This lecture will cover many aspects of this condition including diagnosis, etiology, anatomy of the disease, prevalence, management and prevention. By the end of the presentation, the audience will have a clear understanding of this disease and be prepared to inform their patients with relevant and up to date information.

Objectives:

1. Understand the causes of peri-implantitis
2. Understand how to monitor and diagnose peri-implantitis
3. Understand treatment options for peri-implantitis

Bio: Dr. Dimitrios Karastathis is a board-certified periodontist, practicing full time periodontics and implant therapy in Vancouver, British Columbia. In addition, he is a surgical instructor in the Graduate Periodontics program at the University of British Columbia, and lectures for numerous study clubs throughout Vancouver.

9:10 am - 9:30 am – Dr. Ron Zokol, Vancouver, BC

Title: Introduction into Dynamic Surgical Navigation

Synopsis: Dynamic surgical navigation is now the leading edge of accuracy in providing implant surgery. While introduced approximately 14 years ago by Robodent in Germany, other companies seeing the marketing benefits of this technology have entered into the field. The Inliant Clinical Navigation System revolutionary marker and tracker design provides comfort, convenience and accuracy for implant placement surgery. This presentation will demonstrate the clinical procedures in using the Inliant product and the quality of the end result.

Objectives:

1. To provide an understanding of the concept of Dynamic Surgical Navigation
2. To demonstrate the criteria required to perform these procedures
3. To effectively show how Dynamic Surgical Navigation is used in surgery
4. To illustrate the effectiveness in providing surgical accuracy
5. To present a case study which documents all steps from tooth extraction to implant restoration.

Bio: *Dr Ron Zokol* graduated in 1974 from the University of British Columbia's Faculty of Dentistry where he continues as a sessional Lecturer to the Graduate Prosthodontic students and as a member of the Dean's Board of Councillors. He is also a member of the External Advisory Board for the Department of Bioengineering at the University of Maine. He holds fellowships in the AAID, the American College of Dentists and the Canadian Academy of Restorative Dentistry and Prosthodontics. He is a Diplomate of the American Board of Oral Implantology and the International Congress of Oral Implantologists. He is a past president of the Vancouver and District Dental Society, past Chair of the General Examination Committee, and a past Chief of Examiners for the College of Dental Surgeons of BC. He was a surgical for the Misch Implant Institute for 10 years. He founded the Pacific Institute for Advanced Dental Education in 1996 and has lectured locally and internationally for more than 25 years in prosthodontics and surgery. He continues to practice at BC Perio in Vancouver with a team of Periodontists providing services in advanced surgical and prosthetic rehabilitation.

9:30 am – 9:50 am - Dr. Ira Paul Sy, Richmond, BC

Title: Guided Tissue Profiling in the Esthetic Zone Around Natural Teeth and Endosseous Implant

Synopsis: The management of the soft tissue aesthetic zone with oral implants and natural teeth have shown to be challenging. Often times, the end result can be affected by the choice of the treatment planning, sequence, and surgical technique. As implant replacement continues to be a viable option in the esthetic zone, more emphasis has been placed on the result of the soft tissue interface with the endosseous implant and the prosthetic suprastructure. This program will illustrate some of the current trends in implementing soft and hard tissue augmentation in the esthetic zone in conjunction with immediate implantation and natural provisionalization.

Additionally, an interdisciplinary approach will be presented in the management of the esthetic zone encompassing various treatment strategies with provisionalization techniques and minimal invasive surgical techniques will be shown.

Objectives:

1. Be able to understand the comprehensive treatment planning process with soft tissue profiling to enhance the aesthetic result.
2. To understand the importance of utilizing minimally invasive approaches to enhance and maintain the soft tissue result.
3. To have a three dimensional and biological approach in planning implant treatment in the aesthetic zone.
4. Be able to create a blue print and plan in order to envision the aesthetic and functional result prior to initiating treatment.

Bio: Dr. Ira Paul Sy received his D.D.S. from Case Western Reserve University. He obtained his initial specialty certification training in Implants and Periodontics at the University of North Carolina, at Chapel Hill. He later completed a Prosthetic Implant Fellowship at the University of Berne, Switzerland.

He has served as the Director of the Graduate Periodontology and Implantology residency program at the University of British Columbia. In addition, he has served on faculty at the University of North Carolina at Chapel Hill, University of British Columbia, and Case Western Reserve University as a Clinical Assistant Professor in Periodontics and is also Visiting Professor of Periodontics at the University of Witten in Germany.

His main interests are in the field of minimal invasive aesthetic soft tissue therapy, advanced hard tissue biological regenerative therapy, and Prosthetic/ Surgical implant assisted reconstruction. In 2011, he was the only Canadian selected in the Straumann World Wide Esthetic Case Competition. In 2014 he was selected to author “Oral Implant Assisted Rehabilitation in the Aesthetic Zone- Clinical Reality and Potential Pitfalls”.

Dr. Sy was awarded Diplomate status by the American Board of Periodontology and a member of the Academy of Periodontology, Academy of Osseointegration, and the PEERS (Platform for Exchange of Education and Research) group for North America.

Currently, he is a consultant for Implant Therapy at the Veteran’s Administration Hospitals and offers an Comprehensive Implant Fellowship under the Vancouver Institute of Osseointegration (VIOSS). He maintains a full time private practice focusing in comprehensive Implant assisted therapy in Richmond and Vancouver, British Columbia.

9:50 am - 10:10 am - Dr. David MacDonald, Vancouver, BC

Title: Cone-beam computed tomography and the restorative dentist

Synopsis: Cone-beam computed tomography (CBCT) assists the prosthodontist not only to place the implant in sites which allow optimum restoration, but also minimize complications, such as permanent nerve injury, excessive bleeding in the floor of the mouth and mandibular fracture. CBCT also assists in the identification of those teeth which are likely to be successfully treated or retreated by the endodontist. Since modern prosthodontics is applicable to patients of all ages, the prosthodontist needs to be aware of the most frequent and important lesions that may present. CBCT is shown itself to be a valuable diagnostic tool for such lesions.

Objectives:

1. 1. Identify and describe of the components of CBCT and understand their importance.

2. Determine when CBCT should be prescribed for the restorative patient.
3. Understand the range of pathology that may present on a CBCT dataset of a restorative patient
4. Determine when a CBCT dataset should be referred.

Bio: David MacDonald, BDS, BSc(Hons), LLB(Hons), MSc, DDS(Edin), FDSRCPS, DRRRCR, FRCD(C), Chair of OMFR at UBC Dentistry, is Consultant to BC Cancer Agency. He trained in the United Kingdom, completing his specialist training in Oral and Maxillofacial Radiology (OMFR) at the Royal College of Radiologists in London. He won his DDS by dissertation from the University of Edinburgh in 2007. In 2007 he also passed the Fellowship examination of the Royal College of Dentists of Canada. He has also held appointments at the Universities of Hong Kong, Edinburgh and Bergen. He has published extensively on the radiological aspects of the most frequent and/or important lesions of the face and jaws, particularly of the Hong Kong Chinese. He is also recognized for the first application of Systematic Review to OMFR. His Wiley textbook “Oral and maxillofacial radiology; a diagnostic approach” received outstanding reviews. Wiley invited him to write a 2nd edition.

10:10 am – 10:30 am - Dr. Carlos Sabrosa, Rio de Janeiro, Brazil

Title: Success Simplified in Modern Restorative Dentistry. Part II

Synopsis: Restorations supported by teeth and implants will be analyzed, from the simplest to the most complex. Topics such as treatment planning, as well as periodontal and aesthetic factors involved to achieve successful clinical outcomes will be covered, focusing to achieve a symbiosis between science and the art of Restorative Dentistry! The main objective of this lecture is to show clinical applications of evidence-based requirements and conceptual bases in modern restorative and implant dentistry.

Objectives:

1. Tooth preparation design
2. Provisional restorations
3. Impression materials and techniques
4. Cementation and bonding

Bio: Carlos Eduardo Sabrosa CD, MSD, DScD - Dr. Sabrosa is an Associate Professor of the Department of Restorative Dentistry and the Director of the Center for Technology Development at the University of the State of Rio de Janeiro Dental School, Brazil. He received his DDS in 1992 from the University of the State of Rio de Janeiro Dental School and the Clinical Advanced Graduate Studies (CAGS) Degree in Prosthodontics from Boston University Goldman School of Dental Medicine, USA, in 1996. Dr. Sabrosa also received his Master of Science and Doctor of Science Degrees in Prosthodontics/Biomaterials from Boston University Goldman School of Dental Medicine, USA, in 1997 and 1999 consecutively. He received the Steven Gordon Research/Clinical Award in 1995 and 1996 and the Tylman Research Grant Award in 1993 from the American College of Prosthodontics. He has a private practice, focused in Oral Rehabilitation and Implantology, in Leblon, Rio de Janeiro, Brazil.

Sponsored by: 3M

11:00 am – 12:00 pm - Dr. Mark Olesen, North Vancouver, BC

Title: Root Fractures and some Strategies to Avoid Them

Synopsis: Root fractures are frustrating for both patient and dentist. They cause pain and infection and tooth replacement is costly. This lecture will discuss root fractures as well as past and current concepts in root canal shaping. Strategies to improve the longevity of endodontically treated teeth will be discussed.

Objectives:

1. To learn to better diagnose root fractures.
2. To learn varying opinions about shaping root canals.
3. To learn strategies to decrease the likelihood of root and coronal fractures after RCT.

Bio: Mark Olesen received his dental degree from the University of British Columbia in 1988. He practiced general dentistry for 6 years and then completed his graduate program in endodontics at the University of Southern California in 1996. Mark practices endodontics full-time in North Vancouver and devotes much time to study clubs and teaching. He is not affiliated with any company that sells dental products.

2:00 pm – 5:00 pm - Dr. Terry Donovan, Hillsborough, NC

Title: Current Controversies in Restorative Dentistry

Synopsis: The contemporary restorative dentist has an increasing evidence base to consult when making both treatment planning and therapeutic decisions. However, there are numerous areas of controversy where the evidence does not provide a clear answer without interpretation. This presentation will discuss several controversial topics related to restorative dentistry and attempt to provide guidance based on the best available evidence.

Objectives:

1. Amalgam vs. Composite Resin
2. Tooth reinforcement with adhesive materials
3. Non-carious Cervical Lesions
4. Cements and Luting Agents
5. Bonding of Zirconia Restorations
6. Pulp Capping: MT A vs. Calcium Hydroxide
7. Metal vs. flexible endodontic dowels
8. Implants vs. Endodontics
9. Use of Contemporary Ceramic Materials
10. Cordless Gingival Displacement

Bio: Dr. Terry Donovan received his D.D.S. 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 Professor and Director of the Advanced Education in Prosthodontics Program at USC from 1988 - 2006. He has been Associate Dean for General Practice and Executive Associate Dean for Academic Affairs at the University of Southern California, as well as the Chairman of the Department of Restorative Dentistry from 1984 - 1991, and 1994-2001. He is currently Professor and Section Head of Biomaterials in the 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 the topics of restorative dentistry and materials science. He is a member of the ADA, CDA, North Carolina Dental Society, CAIC, American Academy of Restorative Dentistry, American Academy of Esthetic Dentistry, the American College of Prosthodontists, a Fellow of the American College of

Dentists, and 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.

14 CE Credits will be issued for Friday and Saturday Scientific Meeting Attendance
14 crédits de formation continue seront accordés pour votre présence
aux présentations scientifiques de vendredi et samedi