



HOMECOMING 2022

Continuing Dental Education – CE Day

CE Day Schedule | 6 Credit Hours

Registration: 8:00 am to 8:30 am

AM Sessions

- Session 1 (8:30 am to 11:00 am): Dr. Theresa Chiang, Dentistry's role in cleft lip/palate management and the evolution of pediatric dentistry in China
- Session 2 (8:30 am to 11:30 am): Dr. Aaron Burry, Lessons learned from COVID-19 for Dentists

Lunch Break (11:00 am to 12:30 pm)

PM Sessions

- Session 1 (12:30 pm to 3:30 pm): Dr. Robert Roda, Cracked teeth: A modern epidemic
- Session 2 (12:30 pm to 3:30 pm): Dr. Eraldo Batista and Dr. Aditya Patel, Update in periodontics

*All sessions will have a 15-minute refreshment break

CE Sessions

Morning session 1: 8:30 am to 11:00 am

Title: Dentistry's role in cleft lip/palate management and the evolution of pediatric dentistry in China

Instructor: Dr. Theresa. P. Chiang, BSc, DDS, PhD (Dental Medicine), MSc (Epidemiology)

Dr. Chiang undertook post-doctoral work at the Massachusetts Institute of Technology (MIT) in Cambridge, Massachusetts, and was a teaching fellow in pediatric dentistry and a fellow at the Harvard School of Dental Medicine/Boston Children's Hospital. She is president of the Canada China Child Health Foundation and served as China's consultant on the Preventive Dentistry Steering Committee. Dr. Chiang is an associate professor at the University of British Columbia.

She also holds numerous honorary positions, including: president of China's Nanjing Stomatology hospital, Nanjing Medical University; professor/ consultant at the Beijing Children's Hospital, Beijing Institute of Pediatrics, Harbin Children's Hospital; Guangzhou Maternal and Child Health Institute, Guangzhou children's Hospital; Tianjin children's Hospital, Children's Hospital of Dalian,

Nanjing Maternal and Child Health Hospital; Maternal and Child Health hospital of Wuhan, Suzhou health College; and at the Chongqing Medical University Children's Hospital. Dr. Chiang is a recipient of the WUSC Lewis Perinbam Award for International development.

Description

Cleft lip and palate are a common congenital maxillofacial deformity. There are serious tissue defects with the loss of maxillary bone segment and tissue displacement involved, affecting both appearance and function. This deformity causes major challenges because of associated problems, such as feeding, conduct disorder, high treatment cost, ear infection, hearing loss, and language difficulty. Prevalence varies among different countries and even within the same country among different ethnic groups.

With the advancement of science and technology, new surgical techniques and treatments have greatly improved the effectiveness of the treatment of cleft lip and palate. Current approaches to cleft lip and palate treatment go beyond simple surgical repair, including the restoration of physical appearance and function, assessing psychological problems, and monitoring changes in growth and development.

This CE session will cover the optimal management of cleft lip and palate treatment using an integrated and collaborative/multidisciplinary approach, now almost standard in the US and Canada. The session will also present a specific program that was initially introduced to China in 1999 through multiple exchange programs with Canada and the US, beginning at the Guangzhou Children's Hospital and later followed by children's hospitals in Harbin, Qinghai, Beijing, and Chongqing.



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CE Day (continued)

Learning objectives

At the conclusion of this presentation, the attendee will:

- Learn about cleft lip and palate in children and the challenges associated with this congenital maxillofacial deformity
- Understand recent science and technology advancements in the treatment of cleft lip and palate
- Understand current treatment using a multidisciplinary approach
- Learn about the evolution of projects between Canada and China in the treatment of cleft lip and palate

Morning session 2: 8:30 am to 11:30 am

Title: Lessons learned from COVID-19 for dentists

Instructor: Dr. Aaron Burry, BSc(H), DDS, MHA, MBA (Dental Public Health)

Dr. Burry graduated from Dalhousie Dental School in 1986 and maintained a full-time practice until 1993. He holds an MBA and an MHA and is a certified specialist in dental public health. He currently practises one day a week in a community dental practice. Dr. Burry spent over 25 years at the City of Ottawa leading large departments while holding a cross appointment with Ottawa Public Health as the chief dental officer. Trained and certified in emergency management, Dr. Burry has mounted and organized responses to significant public health outbreaks and other public emergencies, from floods to sustained power outages. After joining the CDA in 2017, he was instrumental in leading the CDA's emergency response to the COVID-19 pandemic and, more recently, the federal government announcement of investments in dental care. He was appointed CEO of the CDA in July 2022.

Course description

COVID-19 presented unique challenges for Canadian dentistry in how governments responded initially to the pandemic and how that response has evolved over the past two years. This session will deal with some of key lessons learned to date and examine some considerations for dentists and the dental practice for the future.

Learning objectives

At the end of this presentation, the attendee will:

- Have a better understanding of some of the principles and concepts of public health measures and how those will affect thinking in the future.
- Be better prepared for the next major event that could affect their practice.

Afternoon session 1: 12:30 pm to 3:30 pm

Title: Cracked teeth: A modern epidemic

Instructor: Dr. Robert S. Roda, DDS, MS

Dr. Roda graduated from the Faculty of Dentistry at Dalhousie University in Halifax in 1981 and maintained a full-time private general practice in Dartmouth, Nova Scotia for ten years. He returned to university at the Baylor College of Dentistry in Dallas, Texas, and received his Master of Science (Oral Biology) and Certificate in Endodontics in 1993. He became a Diplomate of the American Board of Endodontics in 1998. Dr. Roda has published and lectured internationally, most recently co-authoring the chapter on non-surgical retreatment in the 12th edition of *Pathways of the Pulp*. He is past-president of the American Association of Endodontists, past-president of the Arizona Dental Association, and is an active member the American Dental Association. Dr. Roda is a past associate editor of the *Journal of Endodontics* and is an endodontic consultant to the Arizona State Board of Dental Examiners. He maintains a private practice limited to endodontics in Scottsdale, Arizona.

Course description

Cracked teeth have become a more common problem for patients over the last several decades. Yet the lack of evidence-based information about this clinical occurrence leaves clinicians with no reliable preventive or treatment options. This presentation highlights the nature and possible origins of cracked teeth to help the clinician decide whether or not there may be a developing public oral health problem that rivals caries and periodontal disease in its destructive effects on the teeth.





CE Day *(continued)*

Learning objectives

At the end of this presentation, the attendee will:

- Learn the clinical signs and symptoms of cracked teeth and be able to develop a diagnosis and prognosis for the patient
- Understand the lack of good evidence for determining the epidemiology and etiology of cracked teeth and the need for more research in this critical area.
- Understand the different types of tooth fracture and their effect on prognosis for tooth retention.
- Understand the advantages and disadvantages of crack mitigation strategies while performing endodontic therapy

Afternoon session 2: 12:30 pm to 3:30 pm

Title: Updates in periodontics

Instructors: Dr. Eraldo Batista Jr., DDS, MSc (Perio), DSC (Oral Biology) FRCD (C), and Dr. Aditya Patel, HBSc, DDS, MPerio, FRCD(C)

Dr. Eraldo Batista received his DDS from the Pontifical Catholic University of Rio Grande do Sul, Brazil (PUCRS) in 1988, followed by a master's degree in periodontology at the Federal University of Rio de Janeiro. After graduation, he taught periodontics at PUCRS and worked in periodontics and implantology in private practice. In 2005 he graduated with a DSc in oral biology from Boston University. He returned to Brazil to teach at the PUCRS dental school and collaborate with the medical school and the graduate program in cellular and molecular biology. In 2013, Dr. Batista was appointed associate professor at the University of Manitoba and became a fellow of the Royal College of Dentists of Canada in 2018. In 2020, he became an associate professor of periodontics in the Faculty of Dentistry at Dalhousie University, focusing on teaching and research. He is a fellow and speaker on the International Team for Implantology (ITI), Section Canada.

Dr. Aditya Patel is a certified specialist in periodontics and a registered fellow of the Royal College of Dentists of Canada. He graduated from the DDS program at the University of Toronto in 2012 and then enrolled in the master of periodontics program at Dalhousie. During his residency, he became well-versed in providing care in all aspects of periodontic specialty treatment and dental implantology. He has a special interest in periodontal tissue regeneration, advanced bone grafting, and CBCT-guided implant therapies. Dr. Patel is the current president of the Canadian Academy of Periodontology and an international member of the American Academy of Periodontology. He is also co-director of the local study club, Perio By The Ocean, which organizes periodontal-related hands-on workshops. Dr. Patel currently works in private practice in Halifax, Dartmouth, Truro and Sydney, Nova Scotia. He also enjoys spending time with his family and playing in recreational sports leagues around Halifax.

Course description

This session will provide updates on topics that are relevant to the daily practice of dental hygiene professionals.

Learning objectives

At the end of this presentation, the attendee will have a greater understanding of:

- Management of the periodontal abscess
- Reconstructive procedures in periodontics
- Peri-implant maintenance
- Periodontal diagnosis - staging and grading



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