

CDHNS Virtual Continuing Competency Event:

Tools for the Dental Hygienist

Saturday, November 18, 2023

Time: 9:00 am - 4:00 pm

The entire continuing competency event will be held virtually. It will be live-streamed for all registered participants.

- *Advance registration is required*
- There is a fee to attend this event
- This event is open to CDHNS registrants and non-CDHNS participants
- Full day event worth 6 credit hours
- Half day event worth 3 credit hours

Registration opens on Thursday, October 12, 2023. Those who register, and pay in full, by the *Early Bird* deadline will be eligible for a prize.

Program at a Glance

Time		Credit Hours	Category
9:00-10:30 am	<i>Periodontal Considerations in the Orthodontic Patient/Airway Constriction and the Dental Practitioner's Role.</i> Presenter: Dr. Grace Richardson	1.5	1
10:30-10:40 am	Break		
10:40-12:10 pm	<i>Shift Happens: Don't Use Ultrasonic Technology, Maximize It!</i> Presenter: Dani Botbyl	1.5	1
12:10 - 12:40 pm	Lunch		
12:40 - 1:40 pm	<i>Beyond Flossing: Insights into Family Non-State Torture* – Trafficking Crimes Against Girls and Women</i> Presenters: Linda Macdonald and Jeanne Sarson	1	1
1:40 - 1:50 pm	Break		
1:50 - 2:50 pm	<i>Intraoral Radiography Techniques: Tips and Troubleshooting</i> Presenter: Dr. Anthea Senior	1	1
2:50 - 3:00 pm	Break		
3:00 - 4:00 pm	<i>Let's Explore Some Oral Pathology... "Pseudolesions" of the Oral Mucosa</i> Presenter: Dr. Lisa Johnson	1	1

*Non-State Torture is torture that appears in the domestic or private sphere, in relationships, families, human trafficking, prostitution, and pornography, for example.

Please note: Each presenter will provide a post-test evaluation of their session. Following the event, each registrant will be sent the appropriate post-tests, based on the sessions they registered to attend.

The link, below, is for Non-CDHNS Registrants only

This [link](#) will allow you to pre-register for a full day or half day.

Continuing Competency Event Details:



Dr. Grace Richardson

DDS, MS, Diploma
in Orthodontics,
B.Sc, B.Ed

Periodontal Considerations in the Orthodontic Patient/Airway Constriction and the Dental Practitioner's Role | 9:00 am – 10:30 am

Session Summary: Orthodontic treatment is highly popular, and a beautiful smile has a powerful impact on self-esteem. Whether using fixed appliances or plastic aligners, orthodontists have an armamentarium of technology to assist them during the treatment journey. However, a healthy and strong periodontium that can tolerate orthodontic forces is fundamental, and a key consideration for the clinician prior to commencing treatment. We will review how information taken during the initial exam and diagnostic records are evaluated, and used to guide final treatment plan decisions. The patient's periodontal status and specific risk factors are important considerations at this stage. Dr. Grace Richardson's recommendations used to refer patients to the periodontist will be reviewed and cases will be presented to illustrate various periodontal problems (including unexpected adverse effects) that can evolve during orthodontic treatment. Periodontal surgeries used as adjuncts to facilitate treatment will be presented. As well, comments on expansion after the age of 15, and risks and benefits of fixed retention will be presented. Finally, a review of airway constriction in young patients and adolescents will be discussed, and the important role that the dental hygienist can take to advocate for the patient, and how this may impact their quality of life.

Dr. Richardson grew up in Stellarton, NS. She obtained her BSc, in Nutrition and Consumer Studies, from STFX University in 1990 and her BEd from STFX in 1991. She taught several years in Yellowknife, NWT and in Pictou county for several more years before returning to University to pursue dentistry. She graduated with a DDS from Dalhousie in 2001. She then went on to obtain her Masters in Science, with Diploma in Orthodontics, from Marquette University in 2003.

She practiced in Wisconsin for 2 years, before relocating back to NS. She is currently working between 2 practices, located in her hometown of Stellarton and another, in Antigonish. She is the proud mother of two teenage daughters. She and her husband also enjoy their 2 dogs and 3 cats and proudly support the local SPCA. She loves the speciality of orthodontics, watching murder mysteries and true crime, and travel.

Shift Happens: Don't Use Ultrasonic Technology, Maximize It! | 10:40 am – 12:10 pm

Session Summary: Advancements in ultrasonic technology have generated systems that excel in the removal of biofilm, calculus, and stain. Most dental hygienists use ultrasonic equipment, but many do not maximize its full potential. This session provides several key takeaways needed to elevate the efficacy, efficiency, and safety of ultrasonic instrumentation during a periodontal debridement procedure. This session will define overtreatment and undertreatment as it relates to dental hygiene practice; explain how to optimize periodontal debridement procedures. It will analyze ultrasonic tip designs and characteristics and identify which instruments can produce the best treatment outcomes, enhance client comfort, and preserve tooth structure. It also discusses why using worn ultrasonic instruments pose a safety risk to you and your clients and explore how to extend the life of your ultrasonic instruments.

Dani Botbyl is an educator, author, and researcher and has been a trailblazer for the advancement of ultrasonic technology in dental hygiene practice and education in North America. She is credited with leading the first team of researchers to investigate the topic of ultrasonic instrumentation education in dental hygiene programs. The culmination of her



Dani Botbyl
RDH

knowledge and research has produced multiple publications in industry and peer-reviewed journals and textbooks. In 2018, with her co-authors, Dani was awarded the Canadian Journal of Dental Hygiene Research Award for Best Original Research Paper. Dani co-authored the second edition of *Ultrasonic Periodontal Debridement: Theory and Technique* (2023) and is a contributing author to the soon to be published sixth edition of *Darby and Walsh Dental Hygiene Theory and Practice*. Dani has presented hundreds of evidence-based programs to dental hygiene students, faculty and practicing clinicians nationally and internationally. She served as the National Clinical Educator with Dentsply Sirona 2000-2023 and held a faculty position at Niagara College of Applied Arts and Technology in Welland, Ontario Canada for over a decade. Dani's passion for enhancing the practice of dental hygiene creates learning experiences that are not to be missed!



Linda Macdonald
MEd, BN

Beyond Flossing: Insights into Family Non-State Torture-Trafficking Crimes Against Girls and Women | 12:40 pm – 1:40 pm

Session Summary: This session offers a definition of Non-State Torture (NST) victimizations and identifies who non-State torturers can be. It discusses one woman's childhood dental NST victimization. It shares visuals of oral and physical injuries that can provide "red flag" indicators to alert dental hygienists and discuss health professionals' NS legal responsibilities for reporting. Suggestions as to the types of relationship questions that can be asked regarding safety concerns or understanding victimization risks will be deliberated using another recent woman's dental experience. The session will end with a debriefing discussion: What is a professional's emotional response when realizing they missed, or disbelieved, indicators of victimization that were revealed to them and how to recoup and respond in the future?



Jeanne Sarson
MEd, BScN

Linda MacDonald and Jeanne Sarson are feminist human rights activists, independent researchers, scholars, with many published articles and book chapters, and for 30 years have supported women, who have survived non-State torture (NST) and sexualized exploitations into human trafficking, perpetrated within intimate relationships. Additionally, their backgrounds are in public and community health, which included providing local and professional education on domestic violence and the impact of adult and childhood victimizations, including on the elderly with mandated responsibilities of reporting, for example, child abuse concerns, and indicators of children and adults in care were being, or at risk of being, harmed.



Dr. Anthea Senior
BDS, DPDS (UK)

Intraoral Radiography Techniques: Tips and Troubleshooting | 1:50 pm– 2:50 pm

Session Summary: In this session, we will explore some of the updates described in Health Canada's Radiation Protection in Dentistry-Safety Code 30, released in 2022. We will discuss how to keep the client's dose as low as possible, including rectangular collimation for intra-oral imaging. Tips for ensuring bitewings and periapicals are diagnostic on the first attempt and how to prevent common errors will also be shared.

Dr Senior obtained her Bachelor of Dentistry degree from the University of Newcastle-upon-Tyne in the UK in 1992. For the following 9 years, she practiced as a general dentist, providing care to mainly children and special care adult populations in the North East of England. In 2003 she completed a Diploma in Dental Surgery from the University of Bristol (UK) in

Pediatric Dentistry, Special Care Dentistry and Oral Health and Disease. Dr. Senior joined the University of Alberta in 2003. She is currently the Associate Chair for DDS Clinical Education and has led the design and implementation of the new DDS clinical curriculum. As an Associate Professor in Radiology at the School of Dentistry, she teaches radiology techniques and interpretation in classroom, clinical and laboratory settings and presents educational research and oral radiology locally and nationally.



Dr. Lisa Johnson
MSc, DDS, FRCD(C)

Let's Explore Some Oral Pathology... "Pseudolesions" of the Oral Mucosa
| 3:00 pm– 4:00 pm

Session Summary: This one-hour lecture will constitute a brief overview of some common oral pathologies and variations of normal and/or benign anomalies, often mistaken for lesions of concern. Emphasis will be placed on accurate description of a given lesion to ensure superior clinical records and properly triaged referrals.

Dr. Lisa Johnson graduated from the University of Toronto school of dentistry in 1999, after which she went on to work in private practice for 13 years. During 8 of these years, she owned and operated a dental practice in a rural community in Ontario. She returned to the University of Toronto in 2012 to complete a 4-year degree in oral pathology and oral medicine. During her specialty training, she also completed a Masters of Science degree. She is currently an associate professor at the faculty of dentistry, at Dalhousie University. Her duties at Dal include research, teaching at the undergraduate and graduate level, and managing the oral pathology laboratory. She has a clinical practice at Citadel Oral Surgery in Halifax and at the Victoria General Hospital in Halifax. She is a consulting pathologist for Dalhousie University oral pathology service and for the anatomical pathology department at Victoria General Hospital. Her special interests include mucocutaneous conditions, epithelial dysplasia, and oral cancer.

In addition to being licenced with the Provincial Dental Board of Nova Scotia as an oral pathologist and oral medicine specialist, Dr. Johnson is a member of the Nova Scotia Dental Association, and both the Canadian and American Academies of Oral and Maxillofacial Pathology. She serves as a representative of CAOMOP at the Canadian Dental Specialists Association. She also serves on the board of directors for the RCDC, representing oral pathology. In her spare time, Dr. Johnson enjoys hiking, climbing and trying her hand at some artwork.

CC Event Registration Fees

		Early Bird (to Oct 30, 2023)	After Oct 30, 2023
CC Event: CDHNS Registrants (practising, provisional, and non-practising)	full day	\$125.00	\$140.00
	half day	\$65.00	\$75.00
CC Event: Non-CDHNS Registrants	full day	\$145.00	\$160.00
	half day	\$75.00	\$85.00

There is no same-day registration for this event. You must register in advance.

Online registration closes on Tuesday, Nov 14, 2023 at 11:59 pm. Only individuals who submit a complete application, including full payment, will receive login credentials.

Register Early

All completed registrations (including payment) received prior to midnight on **Friday, October 30, 2023** (11:59 pm) will qualify for the **early bird fees**, for the Continuing Competency Event.

There will be a draw for one free registration for everyone who applies, and pays, by the early bird deadline.

Cancellation and Refund Policy

All requests for cancellations and refunds must be received, in writing, via email to info@cdhns.ca prior to **Tuesday, November 7, 2023**. *No refunds will be issued after that date.* If possible, approved refunds will be provided in the manner of the original method of payment.

Privacy Policy

Information collected by the CDHNS via the events database system for registration in this event is for registration and communication purposes related solely to the CC Event.



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