



EXPLORE

CDHA National Conference 2015

October 29–31

Victoria, British Columbia



THE CANADIAN DENTAL
HYGIENISTS ASSOCIATION

L'ASSOCIATION CANADIENNE
DES HYGIÉNISTES DENTAIRES



EXPLORE

CDHA National Conference 2015



▲ Mandy Hayre

On behalf of the Canadian Dental Hygienists Association (CDHA), we would like to welcome you to our 2015 national conference, EXPLORE, in Victoria, British Columbia. This conference marks 52 years of CDHA and 102 years of the dental hygiene profession.

During the conference, you will have incredible opportunities to EXPLORE: explore top-notch education; explore research findings from leading experts; explore the newest offerings in oral health products from our exhibitors; explore networking and more...

Professional knowledge is a cornerstone of the board's goals for CDHA. We are delighted to provide a forum in which members can connect, learn, and contribute to the growing body of knowledge that underpins the dental hygiene profession.



▲ Ondina Love

Twenty years from now you will be more disappointed by the things that you didn't do than by the ones you did do. So throw off the bowlines. Sail away from the safe harbor. Catch the trade winds in your sails. Explore. Dream. Discover.

—H. Jackson Brown Jr.

We are certain that you will enjoy the opportunity to EXPLORE, connect with colleagues, and create new memories as we learn from and with each other over the next three days.

Mandy Hayre, RDH, BDSc, PID, MEd
CDHA President

Ondina Love, CAE
CDHA Chief Executive Officer



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▲ Christy Clark

WELCOME LETTER FROM THE PREMIER OF BRITISH COLUMBIA

As Premier of the Province of British Columbia, I am pleased to welcome everyone to the Canadian Dental Hygienists Association's — EXPLORE — the biennial national conference, here in beautiful Victoria.

I understand that the Canadian Dental Hygienists Association, through this national conference, aims to help dental hygienists in their goal of providing high-quality dental care to Canadians. Keeping dental care accessible to everyone is incredibly important and I commend everyone involved in the association for the work they do.

Please accept my best wishes for a productive conference, and thank you for choosing Victoria as the location. I hope you all get a chance to explore the city while you are here.

Sincerely,

Christy Clark
Premier



▲ Cindy Fletcher

WELCOME LETTER FROM THE BRITISH COLUMBIA DENTAL HYGIENISTS' ASSOCIATION

On behalf of the British Columbia Dental Hygienists' Association it is our pleasure to welcome you to EXPLORE—the 2015 CDHA national conference.

This conference allows dental hygienists to explore the many opportunities for professional practice. As a primary health care profession, dental hygiene continues to grow and evolve at a fast pace, and such educational opportunities are key to our success and professional advancement. EXPLORE offers an exciting opportunity to learn from some of the profession's key leaders, researchers and innovators, both nationally and internationally!

The conference program promises to deliver a wide range of opportunities for learning, networking, and professional development for all attendees. In addition, the organized social events will enable you to visit with colleagues and old friends, and to make some new acquaintances.

We hope you will also take some time to enjoy the beautiful city of Victoria and explore its rich culture and heritage while you are here.

Welcome to beautiful British Columbia!

Cindy Fletcher, RDH, CAE, BHSc
Executive Director

Brenda Wisdom, RDH, PID, MHS
Chair



▲ Jennifer Lawrence

WELCOME LETTER FROM THE COLLEGE OF DENTAL HYGIENISTS OF BRITISH COLUMBIA

On behalf of the College of Dental Hygienists of British Columbia, we would like to extend a warm welcome to all the dental hygienists and representatives attending the CDHA national conference in Victoria, BC. We hope that the sessions you attend and the opportunity to network with other hygienists from across the country will enhance your practice. We encourage all attendees to get out and EXPLORE our home city and all the terrific things it has to offer. The Board and the College staff, who will be onsite throughout the conference, look forward to welcoming you!



▲ Tamera Servizi

Jennifer Lawrence, BA
Registrar

Tamera Servizi, RDH, BDSc(DH)
Board Chair



WELCOME LETTER FROM THE AMERICAN DENTAL HYGIENISTS' ASSOCIATION

Dear CDHA colleagues:

On behalf of the American Dental Hygienists' Association (ADHA), I bring greetings to you and wish you much success on your 2015 national conference!

It's fitting that you have chosen the theme EXPLORE for your meeting, as there is much to discover about the evolving profession of dental hygiene. In the United States, we are in the midst of transforming our profession with expanded opportunities for dental hygienists to practise to the full extent of their training and licensure. In fact, the ADHA's core ideology is to lead the transformation of the dental hygiene profession to improve the public's oral and overall health. We envision that dental hygienists will be integrated into the health care delivery system as essential primary care providers. Ultimately, the public will benefit from access to expanded services and providers—providers who have been trained to practise competently and caringly. Dental hygiene professionals are those providers, and we are poised and ready to help improve the health of the public. We applaud your efforts and successes in Canada. You are making a difference!

ADHA looks forward to continued collaborations with CDHA. Thanks for all you do.

Jill Rethman, RDH, BA
President, American Dental Hygienists' Association



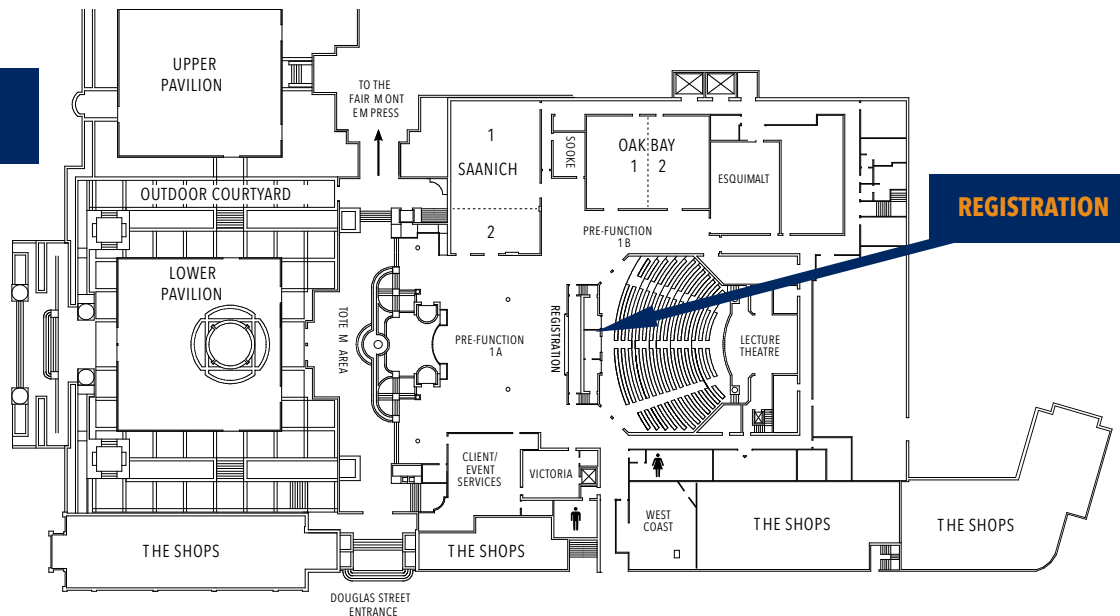
EXPLORE

CDHA National Conference 2015



CONFERENCE CENTRE FLOOR PLAN

LEVEL 1



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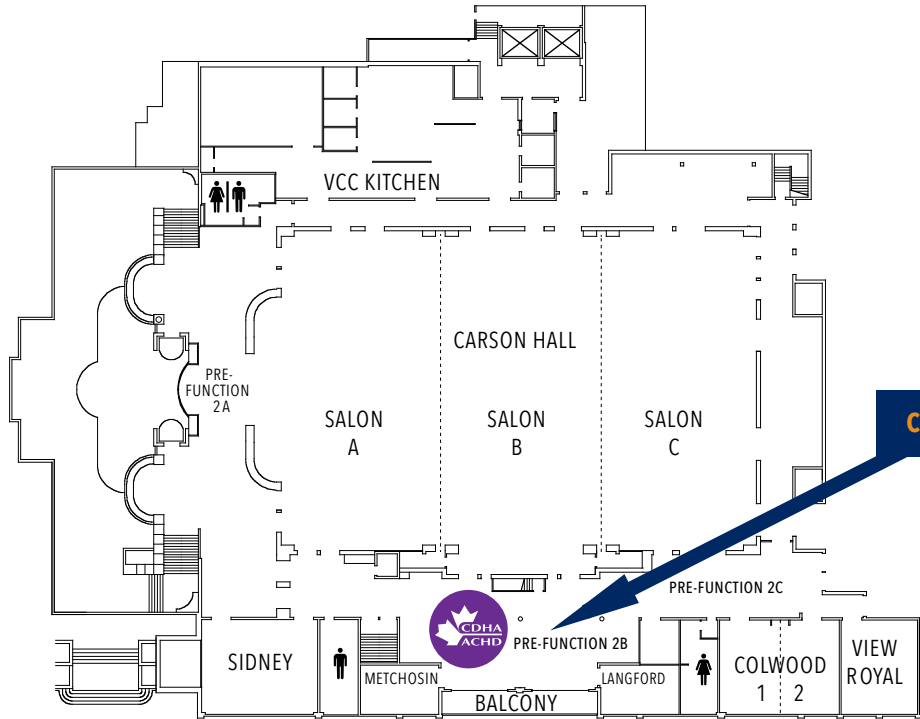
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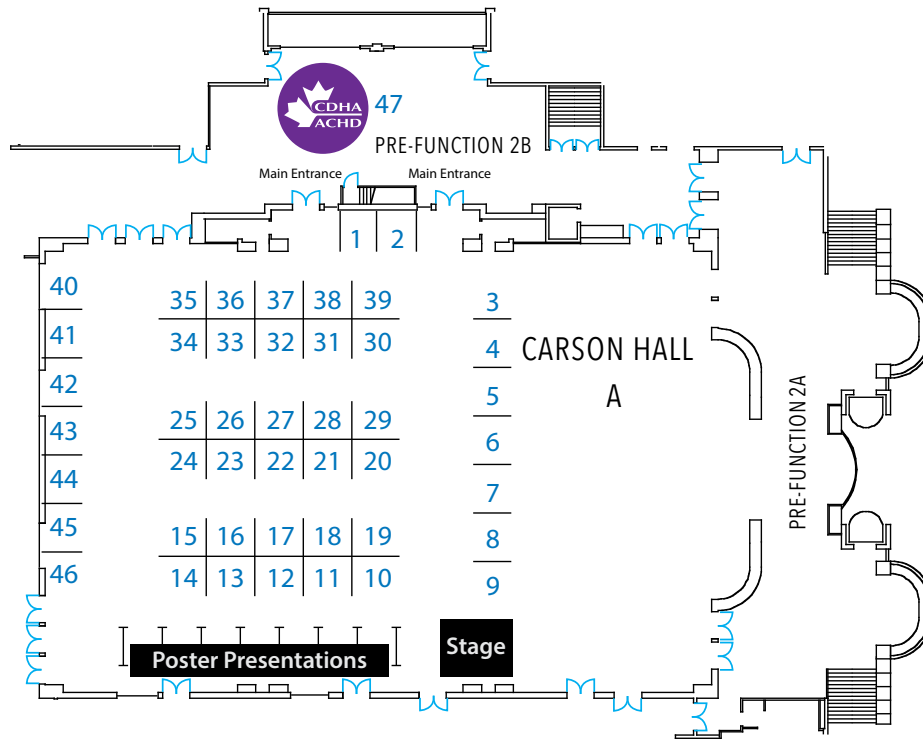
Always balance your books with billing, payments, scheduling, receipts & more

Send claims electronically to get paid faster





EXHIBIT HALL FLOOR PLAN



LIST OF EXHIBITORS

EXHIBITS WILL BE OPEN ON THURSDAY, OCTOBER 29, FROM 5:00 PM TO 9:00 PM
AND FRIDAY, OCTOBER 30, FROM 9:00 AM TO 2:00 PM



3M Canada



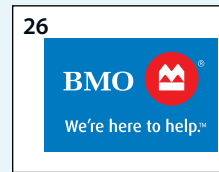
American Eagle
Instruments



Apollonia Health Inc.
— HappyMouth



BCDHA



BMO



BISCO Dental
Products Canada



CPHA



CDHA



CDHBC



CE Solutions



CJDH Editors' Corner



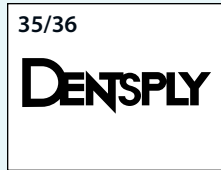
Colgate-Palmolive
Canada Inc.



Crest + Oral-B



Dental Hygienist
Maxident (Maxim
Software Systems)



Dentsply Canada Ltd.



D-sharp Dental



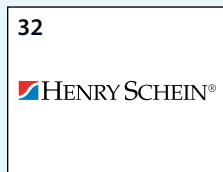
GC America Inc



GlaxoSmithKline (GSK)
— Pronamel



Hansamed Ltd.



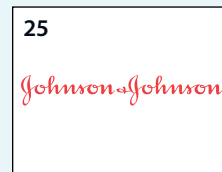
Henry Schein
Canada, Inc.



Hubermed — TePe



Hu-Friedy Mfg. Co. Ltd.



Johnson & Johnson
Inc.



maxill inc.



Mercer



Micrylium



Nu-Bird Inc.



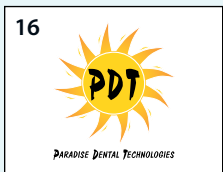
(The) Oral Cancer
Foundation



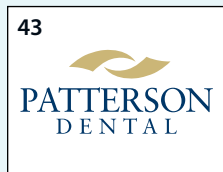
Oralvital Inc.



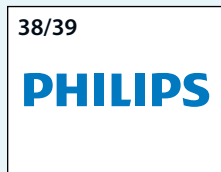
Orasoptic



Paradise Dental
Technologies (PDT)



Patterson Dental
Canada



Philips Oral Healthcare



Posture Matters



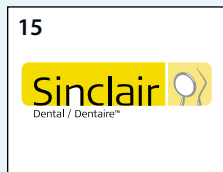
Premier Dental



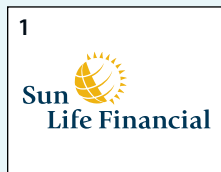
rdhu



SciCan



Sinclair Dental



Sun Life



Sunstar G-U-M



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**7:30-8:15 AM, BREAKFAST
(CRYSTAL BALLROOM, FAIRMONT EMPRESS)
AND REGISTRATION
(LEVEL ONE, VICTORIA CONFERENCE CENTRE)**



THURSDAY, OCTOBER 29: PRECONFERENCE SESSIONS



▲ Penny White

ORIENTATION TO INTERIM STABILIZATION THERAPY

8:30 am–4:30 pm, Esquimalt Room

Presented by Penny White, RDH

penny.white@hc-sc.gc.ca

Interim stabilization therapy (IST) is a temporary restorative procedure introduced by the Ontario Region First Nations and Inuit Health Branch, Children's Oral Health Initiative (COHI). Achieving similar outcomes to atraumatic restorative treatment (ART), the IST technique requires no anaesthetic and uses a fluoride-releasing glass ionomer cement. When properly placed, this material prevents pain and helps to preserve tooth structure, until such time as the client can be seen by a dentist. IST can be performed easily at the time of assessment on individuals of all ages with minimal supplies, and is a critical, timely intervention for those who do not have regular access to oral health services.



▲ Dani Botbyl

ULTRASONICS: IT'S ALL YOU NEED!

8:30 am–4:30 pm, Oak Bay Room

Presented by Dani Botbyl, RDH

dani.botbyl@dentsply.com

and

Lisa Shoemaker, RRDH, BA

New research shows that Canadian dental hygienists are underutilizing and incorrectly implementing ultrasonic technology. However, mastering ultrasonic debridement can lead to better clinical outcomes and clinical efficiency, providing dental hygienists with more options for decreasing hand scaling and air polishing treatment. Using a live camera, video, and hands-on activities, the presenters will guide workshop participants through a start-to-finish approach guaranteed to advance their ultrasonic technique. This course is suited for dental hygienists of all levels and users of magnetostrictive or piezo technology. You will be empowered to enhance your dental hygiene practice after completing this unique workshop!

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▲ Lisa Shoemaker



▲ Jodi Deming

1-2-3: PROPHYLAXIS PROTOCOL REIMAGINED

This session is being held at Camosun College. Transportation, and lunch will be provided for attendees. Bus leaves the Victoria Conference Centre at 8:30 am.

8:30 am–4:30 pm

Presented by Jodi Deming, RDH

Dental hygienists are uniquely qualified to treat the spectrum of oral conditions, working not only with clients who enjoy excellent oral health, but also with those who have been diagnosed with advanced periodontal disease. While periodontal disease progression may not have changed over the years, advances in treatment modalities have produced new and innovative methods aimed at halting the progression of disease and preserving tooth structure. In this course, evidence-based research supports guidelines for cutting-edge comprehensive prophylaxis and non-surgical periodontal therapies. Participants will work with master clinicians to learn, practise, and improve their use of both air polishing for supra and subgingival biofilm removal, and piezoelectric and magnetostrictive power scaling technologies. Participants will also have an opportunity to try a selection of hand instruments for debris removal.

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**EDUCATORS' WORKSHOP**

THURSDAY, OCTOBER 29, SAANICH ROOM
8:30 AM–4:30 PM



▲ Dani Botbyl

BEST PRACTICES FOR ULTRASONIC CLINICAL TEACHING**9:00–11:00 am**

Presented by Dani Botbyl, RDH

dani.botbyl@dentsply.com

and

Marilyn Goulding, RDH, BSc, MOS

mgoulding@niagaracollege.ca

Ultrasonic instrumentation technology has evolved dramatically, providing greater utility subgingivally, including debridement of light deposits and the disruption of biofilm. This shift beyond “gross calculus removal” has prompted a significant increase in the use of ultrasonics over the past 25 years, yet the availability of instructional resources and support for teaching ultrasonic instrumentation has not kept pace. Consequently new research shows that graduates of Canadian dental hygiene programs are underutilizing and incorrectly implementing ultrasonic technology. Based on their recent research, the presenters will share best practices for ultrasonic teaching. Problem-based learning exercises, critical thinking assignments, and faculty calibration will be a focus.



▲ Marilyn Goulding

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A GLOBAL PERSPECTIVE ON DENTAL HYGIENE EDUCATION

11:00 am–12:00 pm

Panelists:

Sharon M Compton, DipDH, PhD (Canada)
Tami J Grzesikowski, RDH, MEd (United States)
Julie Satur, DipASc(DT), MHSc, PhD (Australia)
Mario Rui Araujo, RDH, BSDH, MPsyCh (Portugal)

Moderator:

Salme Lavigne, RDH, PhD

Dental hygiene education is changing rapidly, and many differences exist in dental hygiene scopes of practice around the world. Join us as an international panel of dental hygiene educators shares insights into dental hygiene education in their countries.



▲ Zul Kanji

INTERPROFESSIONAL EDUCATION AND COLLABORATIVE PRACTICE

1:00–2:00 pm

Presented by Zul Kanji, RDH, MSc, recipient of the
CDHA Excellence in Teaching Award 2014 sponsored by DENTSPLY

zulkanji@dentistry.ubc.ca

Interprofessional education (IPE) is rapidly gaining popularity in post-secondary health science and human service programs. IPE refers to learning experiences that give students from two or more health disciplines opportunities to learn about, from, and with one another, with the ultimate goal of providing client-centred health care. Learn how the University of British Columbia's Dental Hygiene Degree Program has integrated IPE to foster collaborative health care practitioners, and be inspired to take away tangible ideas and resources to facilitate the integration of IPE in your dental hygiene program and educational institution.



▲ Sharon Compton

UNDERSTANDING THE 2015 CANADIAN COMPETENCIES FOR BACCALAUREATE DENTAL HYGIENE PROGRAMS

2:00–3:00 pm

Presented by Sharon Compton, DipDH, PhD

scompton@ualberta.ca

This presentation will provide an overview of the new *Canadian Competencies for Baccalaureate Dental Hygiene Programs* (2015) document and will compare and contrast it with the *National Competencies for Dental Hygiene Entry-to-Practice* (2010). Participants will gain an understanding of how these competencies will be utilized in dental hygiene education.



▲ Ava K Chow

CRITICAL THINKING: THE GATEWAY TO RESEARCH

3:15–4:15 pm

Presented by Ava K Chow, RDH, PhD, recipient of the
CDHA Excellence in Teaching Award 2015 sponsored by DENTSPLY

akchow@ulaberta.ca

In the 2014 CDHA Educators' Survey, respondents indicated that the most prominent gaps in the dental hygiene knowledge base were in research and general critical thinking skills. Critical thinking involves the objective analysis and evaluation of information in order to form conclusions. Not only is it the foundation of research, but it is essential for the integration of evidence into practice. Fostering critical thinking skills throughout dental hygiene education can be particularly challenging, but it is crucial for the development of current, forward thinking, and effective dental hygienists. The presenter will share her experiences in cultivating critical thinking skills, which in turn can pique interest in research at multiple stages of dental hygiene education.



THURSDAY, OCTOBER 29: SPECIAL EVENTS



WELCOME RECEPTION

5:00–9:00 pm, Exhibit Hall, Salon BC

Get an early start on the conference by visiting the exhibit hall! Delegates are invited to mingle, enjoy hors d'oeuvres, and preview the newest products from the dental industry. In addition, **MasterChef Canada finalist and CDHA member, Jennifer Innis**, will be on hand to share her experiences as a home cook on the popular reality show.

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CJDH EDITORS' CORNER

5:00–9:00 pm, Exhibit Hall, Booth 11

Have you ever wondered how to get published? How to be a peer reviewer? How to prepare a manuscript for the *Canadian Journal of Dental Hygiene* (CJDH)? Bring your questions to the CJDH Editors' Corner, right across from the poster presentations, where Dr. Katherine Zmetana (current scientific editor), Dr. Salme Lavigne (incoming scientific editor), and Megan Sproule-Jones (managing editor) will answer all of your writing, research, and publishing questions. You will also have an opportunity for coffee and conversation with the editors on Friday, October 30, during all session breaks.



STUDENT OWNERSHIP LINKAGE SESSION

5:00– 6:30 pm, Saanich Room

CDHA's board of directors invites all students to EXPLORE a special student session. From 5:00 to 6:30 pm, students will have the opportunity to network with board members, provide valued input about the future of dental hygiene, and hear about CDHA's many member benefits.



FRIDAY, OCTOBER 30: OPENING CEREMONY



▲ Wenche S Borgnakke

PLENARY PRESENTATION

THE ORAL MICROBIOME AND SYSTEMIC HEALTH

8:30–10:00 am, Salon A

Presented by Wenche S Borgnakke, DDS, MPH, PhD

wsb@umich.edu

Dr. Borgnakke, Senior Research Associate in health sciences and Assistant Clinical Adjunct Professor at the University of Michigan School of Dentistry, will explore the relationship between the oral microbiome and systemic health. Collectively, the microorganisms in the oral cavity have been referred to as the oral microflora, oral microbiota or, more recently, the oral microbiome. High-throughput genetic based assays and powerful, novel bioinformatics tools have recently made it possible to comprehensively survey the human oral microbiome to identify and determine the prevalence of previously unknown or not culturable organisms. With these new methods, the role of the oral microbiome in periodontal disease and in diseases and conditions associated with periodontal disease is currently being studied. Evidence will be presented for systemic diseases and conditions that implicate oral organisms.

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FRIDAY, OCTOBER 30: GENERAL PROGRAM



▲ Ann Eshenaur Spolarich

STATS, FACTS, MYTHS, AND DOWNRIGHT LIES*

10:30 am–12:30 pm and 2:00–4:00 pm, Saanich Room

Presented by Ann Eshenaur Spolarich, RDH, PhD

anneshspo@aol.com

and

JoAnn R Gurenlian, RDH, PhD

gurejoan@isu.edu

What defines the recall interval? Does everyone need to floss? Dental hygienists depend upon scientific evidence to help guide their decision making throughout the dental hygiene process of care. This course will explore the science behind common beliefs, perceptions, and myths that define dental hygiene practice. Participants will critique the evidence that supports or refutes current practices, and evaluate the impact of evidence on professional judgement and behaviour. Challenges that clinicians face when using an evidence-based practice philosophy will be discussed, including how to identify tricks with statistics and how to differentiate fact from fiction. Clinicians will leave this course with a better understanding of how to use information to support treatment recommendations for better client care.

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▲ JoAnn R Gurenlian

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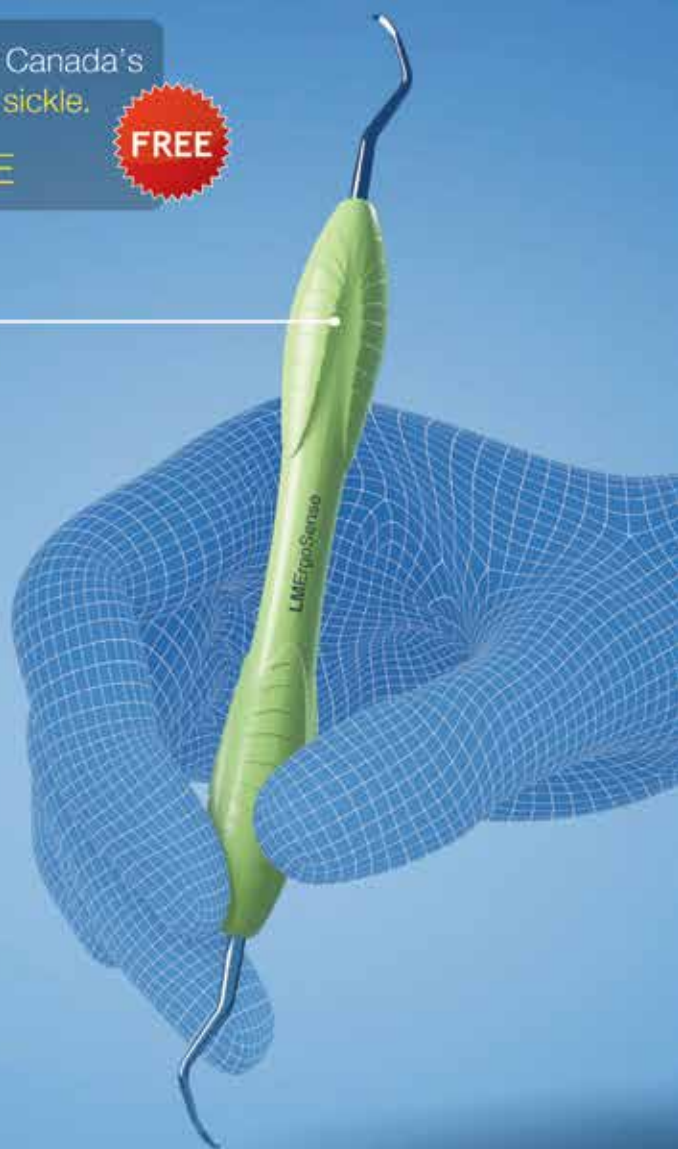
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Most participants in the authentic scaling part of the study considered the LM-ErgoSense silicone handle as their favorite due to the enhanced grip, comfort and instrument's functional design. The participants' evaluations were based on their active use of the LM-ErgoSense in authentic clinical work. In another study focusing on ergonomics, usability characteristics and work productivity using different manufacturers' hand instruments the thick, silicone coated LM-Dental hand instruments were the most preferred choice in regard to all 18 usability criteria used in the test².



Reference studies:

(1) Sormunen E., Nevala N. Evaluation of ergonomics and usability of dental scaling instruments: Dental scaling simulation and Field study, part III. Finnish Institute of Occupational Health, LM-Instruments Oy.

(2) Nevala N., Sormunen E., Remes J., Suomalainen K. Ergonomic and productivity evaluation of scaling instruments in dentistry. The Ergonomics Open Journal 2013; 6, 6-12.



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▲ Denise Laronde



▲ Miriam Rosin

TAKE A LOOK, SAVE A LIFE

**Friday, October 30, 10:30 am–12:30 pm,
Esquimalt Room**

Presented by Denise Laronde, RDH, PhD

dlaronde@dentistry.ubc.ca

Miriam Rosin, PhD

and

Ajit Auluck, BDS, MDS, PhD

Established in 1999, the BC Oral Cancer Prevention Program (BC OCPP) is a multidisciplinary group of scientists and clinicians who are committed to improving the prevention and treatment of oral cancer in British Columbia through a combination of research, clinical, and community outreach activities. This presentation reviews oral cancer screening guidelines, triage, and referral pathways developed by the BC OCPP, and the use of lesion-enhancing devices (optics and vital stains) to aid in the identification of oral premalignant lesions and former oral cancer sites at risk of progression or recurrence, respectively. It will also provide an overview of the latest oral cancer and oral premalignant disease research from a world-renowned oral cancer research team.



▲ Ajit Auluck



▲ Ann E Wright

INDEPENDENT PRACTICE: CROSS-COUNTRY CHECK-UP!

10:30 am–12:30 pm, Oak Bay Room

Presented by Ann E Wright, RDH, MBA

awright@cdha.ca

In Canada we are approaching the end of a decade of strong growth in independent practice. This two-hour session will cover start-up considerations, practice growing pains, and a look into the future, including photos and anecdotes from successful practice owners. For those who are already practising, the session will review current issues surrounding CDHA unique identification numbers, electronic claims, third-party insurance coverage, and examples of recent professional liability claims. The session will end with a panel discussion featuring dental hygienists, who will share their successes and challenges with the audience.

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SCHEDULE AT A GLANCE

THURSDAY, OCTOBER 29

Time	Saanich	Esquimalt	Oak Bay	Off-site: Camosun College
7:30–8:15 am	Breakfast (Crystal Ballroom, Fairmont Empress)			
8:30 am–4:30 pm	Educators' Workshop	Orientation to Interim Stabilization Therapy	Ultrasonics: It's All You Need!	Prophylaxis Protocol Reimagined bus departs at 8:30
5:00–9:00 pm	Welcome Reception in the Exhibit Hall Sponsored by Sun Life (Salon BC)		CJDH Editors' Corner (Exhibit Hall, Booth 11)	
5:00–6:30 pm	Student Ownership Linkage (Saanich)			

FRIDAY, OCTOBER 30

Time	Saanich	Esquimalt	Oak Bay	Colwood	Sidney
8:30–10:00 am	Opening Ceremony & Plenary Speaker The Oral Microbiome and Systemic Health Wenche S Borgnakke (Salon A)				
10:00–10:30 am	Refreshment Break (Exhibit Hall)				
10:30 am–12:30 pm	Stats, Facts, Myths, and Downright Lies Ann Eshenaur Spolarich & JoAnn R Gurenlian	Take a Look, Save a Life Denise Laronde, Miriam Rosin & Ajit Auluck	Independent Practice: Cross-Country Check-Up! Ann E Wright	Bugs, Drugs, and Food Fads: Considerations for the Dental Professional Lisa Mallonee	The Role of the Dental Hygienist in Reducing Oral Health Disparities Julie Farmer Locally Administered Minocycline Hydrochloride and HIV-Positive, Periodontally Involved Adults Oksana P Mishler
12:30–2:00 pm	Luncheon in the Exhibit Hall (Salon BC)				
2:00–4:00 pm	Stats, Facts, Myths, and Downright Lies cont'd Ann Eshenaur Spolarich & JoAnn R Gurenlian	Interrupting the Disease of Tobacco Addiction: Time for the Endgame? Charl Els	Ethical Dilemma: Are YOU Doing the Right Thing? Beth Ryerse	CDHBC Update: Self-Regulation Under Attack? Jennifer Lawrence	International Dental Hygiene Development in Pakistan Karima Bapoo-Mohamed Functional Fitness and Dental Hygiene Practice Laura MacDonald & Leslie Johnson
5:00–7:00 pm	25th Anniversary of Camosun College's Dental Hygiene Program Held off-site at Camosun College (bus departs from Victoria Conference Centre; pre-registration required)				
8:15–9:45 pm	Ghostly Walk (departs from Fairmont Empress; pre-registration required)				

SATURDAY, OCTOBER 31

Time	Saanich	Esquimalt	Oak Bay	Colwood	Sidney
8:00–9:45 am	Annual General Meeting & Breakfast (Salon BC)				
9:45–10:00 am	Morning Break				
10:00 am–12:00 pm	Oral Medicine: Linking Systemic Diseases with Oral Health Care JoAnn R Gurenlian	The Increasing Role of the Dental Hygienist in the Age of Implant Dentistry Robert Horowitz	Commonly Prescribed Medications and Managing the Oral Side Effects of Medication Use Ann Eshenaur Spolarich	Oral Health Care in Northern Canada: Charting a New Course Ron Kelly	Oral Cancer among South Asians in British Columbia Jade Lavallee Can Clinicopathological Features of Low-Grade Oral Dysplasia with High-Risk Molecular Patterns Predict Malignant Progression? Leigha Rock
12:00–2:00 pm	Awards Luncheon & Plenary Speaker Sponsored by TD Insurance Meloche Monnex Exploring Awards and Professional Recognition Barb Fry (Salon BC)				
2:00–2:15 pm	Afternoon Break				
2:15–4:15 pm	A Journey Through Oral Cancer Treatment Marci Eaton Oral Cancer and Superheroes Sherry Priebe	Enamel Therapy: The Next Generation of Care Lillian Caperila	Alternative Practice Settings Panel discussion on working in non-traditional settings	Acid Erosion: Early Detection and Treatment Amin Babul	Integration of a Dental Hygienist into a Long-Term Care Interprofessional Care Team Mary Bertone & Mickey Emmons Wener Influence of Oral Health Literacy and Oral Health Chronic Disease Knowledge on Older Adults' Oral Care Behaviours Alison MacDougall



▲ Lisa Mallonee

BUGS, DRUGS, AND FOOD FADS: CONSIDERATIONS FOR THE DENTAL PROFESSIONAL

10:30 am–12:30 pm, Colwood Room

Presented by Lisa Mallonee, RDH, BSDH, MPH, RD, LD

lharpemallonee@bcd.tamhsc.edu

We are a self-medicating, hype-believing society that wants a quick fix fast. If Dr. Oz says it's good for us, we head straight to the local pharmacy or health store to see if we can find it on the shelves! Our bodies need vitamins and minerals to function efficiently but which ones and how much? Probiotic use is a fast-growing market in regards to general health and oral health, and supplements promise everything from weight loss to increased energy. Do food trends such as Acai berry, energy drinks and juicing have a potential impact on oral health? Dental professionals need to be aware of the changing landscape of probiotic use, dietary supplements, and food fads and how these trends could potentially impact client care.

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▲ Charl Els

INTERRUPTING THE DISEASE OF TOBACCO ADDICTION: TIME FOR THE ENDGAME?

2:00–4:00 pm, Esquimalt Room

Presented by Charl Els, MBChB, FCPsych, MMedPsych, Cert.ABAM

cels@ualberta.ca

The cigarette has been identified as the deadliest artifact in the history of human civilization. Most tobacco users know the power of addiction and want to quit. Tobacco is the leading preventable cause of death and disease globally, and contributes to 6 of the 8 leading non-communicable diseases. This session offers a synthesis of the empirical evidence for safe and effective treatment of addiction to nicotine, or tobacco use disorder (DSM-5), also referred to as nicotine dependence (DSM-IV-TR). Dental health professionals are ideally placed to screen, detect, assess, and treat tobacco addiction, thereby saving lives and reducing the excess health care burden of tobacco. How can dental health professionals contribute to the "endgame" for this devastating man-made epidemic?

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▲ Beth Ryerse

ETHICAL DILEMMA: ARE YOU DOING THE RIGHT THING?**2:00–4:00 pm, Oak Bay Room**

Presented by Beth Ryerse, RDH

beth@bethryerse.com

Our profession has changed a great deal in the last several years. Keeping pace with the changes in our responsibilities can sometimes seem overwhelming. Having a solid understanding of the ethics that guide the care that dental hygienists deliver will help you to manage the challenges that you encounter every day. This session will provide an interactive time of discussion and networking that will improve your attitude as a professional, resulting in a productive and positive change in your dental hygiene practice.

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▲ Jennifer Lawrence

CDHBC UPDATE: SELF-REGULATION UNDER ATTACK?**2:00–4:00 pm, Colwood Room**

Presented by Jennifer Lawrence, CDHBC Registrar

cdhbc@cdhbc.com

Dental hygiene has been given the privilege of self-regulation in 9 out of 10 provinces in Canada. Provincial governments and the public have placed their trust in Canadian dental hygienists to govern themselves as long as they do so in the public interest. But the public is becoming increasingly skeptical of the ability of professionals to truly regulate in the public interest and not simply their own. So what does the future hold for self-regulated professionals, including dental hygienists? Join Jennifer Lawrence for a pan-Canadian and international review of the threats and trends in professional regulation and a discussion of how potential changes in the Canadian regulatory system could affect you. The session will conclude with a brief overview of key CDHBC projects and current issues within the dental hygiene profession in BC.





FRIDAY, OCTOBER 30: SCIENTIFIC PROGRAM

The scientific sessions will bring you up-to-date on the latest research findings from leading national and international oral health researchers. Complete abstracts, in English and French, are featured in the October 2015 issue of the *Canadian Journal of Dental Hygiene* (Volume 49, Number 3); www.cdha.ca/cjdh

10:30 AM–12:30 PM, SIDNEY ROOM



▲ Julie Farmer

THE ROLE OF THE DENTAL HYGIENIST IN REDUCING ORAL HEALTH DISPARITIES

Presented by Julie Farmer, RDH, BSc

julie.farmer@mail.utoronto.ca

Additional authors: Sabrina Peressini, PhD; Herenia P Lawrence, DDS, PhD

Reducing oral health disparities has been an ongoing challenge in Canada, with those exhibiting the greatest need for treatment also having the poorest access to oral health care. Marginalized populations, including Aboriginal people, those residing in rural regions, immigrants and refugees, share the largest burden of oral disease in Canada. Dental hygienists work with and within these communities and have the potential to act as key change agents for improving their oral health. The purpose of this qualitative study was to explore the role of dental hygienists in reducing oral health disparities in Canada.



▲ Oksana P Mishler

LOCALLY ADMINISTERED MINOCYCLINE HYDROCHLORIDE AND HIV-POSITIVE, PERIODONTALLY INVOLVED ADULTS

Presented by Oksana P Mishler, RDH, MS

Additional authors: Mark Reynolds, DDS, PhD; Jacquelyn Fried, RDH, MS

Locally administered minocycline hydrochloride (LA-MHCl) has been effective in improving clinical parameters when used as an adjunct to scaling and root planing (SRP). The purpose of this study was to determine if LA-MHCl would support greater mean reduction in probing depth (PD), when used as an adjunct to SRP in HIV-positive, periodontally involved adults.

2:00–4:00 PM, SIDNEY ROOM



▲ Karima Bapoo-Mohamed

INTERNATIONAL DENTAL HYGIENE DEVELOPMENT: FORGING A PATH IN PAKISTAN

Presented by Karima Bapoo-Mohamed, DipDH, MBA

karimabmohamed@gmail.com

Additional authors: J Pimlott, DipDH, MSc; S Thawer, BScDH, MPH

The high incidence of oral diseases and oral cancer in Pakistan, combined with a lack of timely access to care, the cost of dental treatment, a low perceived need for prevention, and an insufficient supply of qualified dental professionals, prompted the creation of a 2-year diploma in dental hygiene (DDH) program at Aga Khan University (AKU). Curriculum design began in 2013 led by a core team of Canadian dental hygienists, with contributions from other North American dental hygienists.



▲ Laura MacDonald

FUNCTIONAL FITNESS AND DENTAL HYGIENE PRACTICE

Presented by Laura MacDonald, MEd, RDH

Laura.MacDonald@umanitoba.ca

and

Leslie Johnson, BHS(OT), MSc, OT Reg (MB)

Leslie.Johnson@umanitoba.ca

Additional authors: Sheryl Slosower, BScDH, RDH; Brenda Kulik-Macauley

For over 10 years, a dental hygiene program in Manitoba has included a weekly “fit to sit” laboratory within its pre-licensure curriculum. This curriculum was of interest to practising alumni who participated in a professional development session focused on self-care with respect to functional fitness, ergonomics, and the ability to provide quality client care. This presentation will reflect on the meaning of functional fitness and its relationship to ergonomics and dental hygiene practice, and review elements of the pre-licensure curricula that should be incorporated into continuing competency programming.



▲ Leslie Johnson



FRIDAY, OCTOBER 30: SPECIAL EVENTS

25TH ANNIVERSARY CELEBRATION OF CAMOSUN COLLEGE'S DENTAL HYGIENE PROGRAM

5:00–7:00 pm

Transportation is provided to and from Camosun College. Bus departs from the Victoria Conference Centre at 5:00 pm.
(pre-registration required)



GHOSTLY WALK

8:15–9:45 pm

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(pre-registration required)



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SATURDAY, OCTOBER 31: GENERAL PROGRAM

ANNUAL GENERAL MEETING (AGM) AND BREAKFAST

8:00–9:45 am, Salon AB

Enjoy breakfast while you learn about the work of your association, review the past year's financial statements, and approve the association's auditors for 2015–2016.

Notice: The AGM is open to all conference delegates. Only CDHA Active and Life members are eligible to vote.



▲ JoAnn R Gurenlian

ORAL MEDICINE: LINKING SYSTEMIC DISEASES WITH ORAL HEALTH CARE

10:00 am–12:00 pm, Saanich Room

Presented by JoAnn R Gurenlian, RDH, PhD

gurejoan@isu.edu

Given advances in medical practice and an aging population, a greater number of our everyday clients are medically compromised. Staying current with medical protocols, medications used for treatment, and oral management can be overwhelming. Nevertheless, an in-depth understanding of our clients' diseases is essential if we are to provide effective treatment and prevent complications. This course will highlight diseases of specific systems (i.e., respiratory, endocrine, musculoskeletal, gastrointestinal, etc.) and their respective oral manifestations and considerations. Guidelines for providing oral health care including assessment, medical consultation, and treatment planning will be addressed.



▲ Robert Horowitz

THE INCREASING ROLE OF THE DENTAL HYGIENIST IN THE AGE OF IMPLANT DENTISTRY

10:00 am–12:00 pm, Esquimalt Room

Presented by Robert Horowitz, DDS

Dental hygienists generally spend 8 to 10 times longer with a client than the dentist does. During that time, he or she may communicate a significant amount of information, which traditionally would have dealt with caries, periodontal health, and oral hygiene. In the "age" of implant dentistry, however, dental hygienists are increasingly called upon to manage complex issues when providing care to clients with implants. Because peri-implant disease has an impact on overall oral health, dental hygienists need to be aware of the early signs of inflammation and soft or hard tissue loss. They have to have the most current information and technology to assist in both diagnosis and prevention of the loss of attachment around titanium-supported restorations.

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▲ Ann Eshenaur Spolarich

COMMONLY PRESCRIBED MEDICATIONS AND MANAGING THE ORAL SIDE EFFECTS OF MEDICATION USE*

10:00 am–12:00 pm, Oak Bay Room

Presented by Ann Eshenaur Spolarich, RDH, PhD

anneshspo@aol.com

The purpose of this course is to review the 20 most commonly prescribed medications taken by clients treated in the oral health care environment. In addition, drug interactions, popular drugs in the media, and new drugs in dentistry will be discussed. A comprehensive review of drugs and dental care products used to manage the oral side effects of medications will be presented.

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▲ Ron Kelly

ORAL HEALTH CARE IN NORTHERN CANADA: CHARTING A NEW COURSE

10:00 am–12:00 pm, Colwood Room

Presented by Ron Kelly, DDS

rkelly1@gov.nu.ca

Access to oral health care remains a problem for many residents in Canada, particularly for indigenous populations living in Canada's North. In this session, Dr. Ron Kelly, Chief Dental Officer for the Government of Nunavut, will outline the history of dental services in Northern Canada before reviewing the epidemiology of oral diseases in the North, in general, and Nunavut, in particular. He will present both historical and current data, and will offer projections about the future. A discussion of Nunavut's Oral Health Project will include the genesis of the project, CDHA's role, and future directions.



▲ Barb Fry

AWARDS LUNCHEON & PLENARY PRESENTATION

12:00–2:00 pm, Salon BC

Join us for lunch and an engaging plenary presentation on professional recognition as we celebrate our award winners and Partners' Circle members, along with individuals who have been CDHA members for 25 years or more.

EXPLORING AWARDS AND PROFESSIONAL RECOGNITION: THE BEST OF YOU, THE BEST OF ME, THE BEST THAT WE ALL CAN BE

Presented by Barb Fry, RN, BN, MAEd

barb@barbfry.com

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Recognition is an essential aspect of professionalism in practice and comes in many forms. This presentation provides the opportunity to EXPLORE some thought-provoking insights about awards and recognition, hear some humorous anecdotes, and acquire inspirational wisdom about how we reward success. It will offer suggestions about how to use the word E-X-P-L-O-R-E as an acronym for guiding how we value and celebrate individual and collective excellence in practice. It will conclude with participants' possessing full tummies, a sense of excitement about the success of recipients, tremendous pride in membership in this profession, and gratitude for the experience of attending this professional recognition and awards event!



▲ Marci Eaton

A JOURNEY THROUGH ORAL CANCER TREATMENT

2:15–3:15 pm, Saanich Room

Presented by Marci Eaton, RDH

Come and join Marci Eaton on an adventure. Marci, a registered dental hygienist and oral cancer survivor, was dumbfounded when she was told that she had squamous cell carcinoma of the tongue 18 years ago. Share her journey through diagnosis, treatment, recovery, and life after treatment. See the disease through the eyes of a colleague.



▲ Sherry Priebe

ORAL CANCER AND SUPERHEROES: UNDERSTANDING THE EFFECTS OF CULTURAL ORAL HABITS

3:15–4:15 pm, Saanich Room

Presented by Sherry Priebe, RDH, MSc

spriebe@shaw.ca

Oral disease is not only epidemic in some parts of the resource-poor world but it is also shockingly prevalent in the resource-rich, affluent world. The alarming rise in oral cancer incidence rates in particular makes the work of oral health professionals more important than ever. This presentation illustrates how geographically remote populations with their unique cultural and social habits, such as chewing “betel nut,” “khat,” and “coca leaf,” and “kola nut” use, can have a profound effect on local dental practices as populations migrate worldwide. It will engage participants through a visual presentation of unique findings from Vietnam, and will encourage them to discuss the effects of the crisis on oral health in the dental practice and to identify preventive solutions.



▲ Lillian Caperila

ENAMEL THERAPY: THE NEXT GENERATION OF CARE

2:15–4:15 pm, Esquimalt Room

Presented by Lillian Caperila, RDH, BSDH, MEd

lcaperila@premusa.com

A changing paradigm in caries management has expanded our decision-making options in preventive dental care. With terms such as “minimally invasive” and “remineralization technologies,” we are faced with a new decision model in assessment, prevention, and treatment of the caries disease process. Session participants will identify lifestyle behaviours and familial predisposition that elevate their clients’ risk categories. Following the risk process, participants will develop effective modalities in care that reflect a client-centred approach to optimal oral health.

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ALTERNATIVE PRACTICE SETTINGS

2:15–4:15 pm, Oak Bay Room

Dental hygienists follow many different career paths. EXPLORE the variety of options that exist for oral health professionals. Hear from some of your colleagues who have taken a road less travelled and who are currently working in non-traditional roles: administration and policy development, dental industry, dental hygiene education, and the Royal Canadian Dental Corps.

Panelists:

Lisette Dufour, RDH/HD (Office of the Chief Dental Officer)

Gail B Stoops, RDH, BSDH (Philips North America)

Mandy Hayre, RDH, BDSc, PID, MEd (Camosun College)

Linda White, RDH (Department of National Defence)

Moderator:

Victoria Leck, RDH, MHM



▲ Amin Babul

ACID EROSION: EARLY DETECTION AND TREATMENT

2:15–4:15 pm, Colwood Room

Presented by Amin Babul, DDS

draminbabul@gmail.com

Acid erosion, or erosive tooth wear, is a multifactorial condition and a growing concern. Modern diets and eating habits increase exposure of the tooth enamel to dietary acids. This session will explore how to diagnose this condition and identify clients at risk early, and will review trends in society, results from the first and largest pan-European epidemiological study, as well as effective management and prevention strategies for acid erosion.

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SATURDAY, OCTOBER 31: SCIENTIFIC PROGRAM

The scientific sessions will bring you up-to-date on the latest research findings from leading national and international oral health researchers. Complete abstracts, in English and French, are featured in the October 2015 issue of the *Canadian Journal of Dental Hygiene* (Volume 49, Number 3); www.cdha.ca/cjdh

10:00 AM–12:00 PM, SIDNEY ROOM



▲ Jade Lavallee

INCIDENCE OF ORAL CANCER AMONG SOUTH ASIANS IN BRITISH COLUMBIA

Presented by Jade Lavallee, RDH, BDSc

jadelavallee@hotmail.com

Additional authors:

Lewei Zhang, DDS, PhD, FRCD(C); Miriam Rosin, BSc, PhD; Denise Laronde, RDH, PhD

Oral cancer is the sixth most common malignancy worldwide, with two-thirds of cases arising in developing countries. In many South Asian countries, the incidence of oral cancer is nearly twice that found in Canada. Currently in British Columbia, nearly 10% of the population is of South Asian ethnicity. As a significant subgroup of the population, and considering their varied risk habits, it is crucial to understand the incidence of oral cancer in British Columbia's South Asian population. This retrospective study explores differences in oral cancer incidence among South Asians living in British Columbia compared to the general population.



▲ Leigha Rock

CAN CLINICOPATHOLOGICAL FEATURES OF LOW-GRADE ORAL DYSPLASIA WITH HIGH-RISK MOLECULAR PATTERNS PREDICT MALIGNANT PROGRESSION?

Presented by Leigha Rock, RDH, BDSc

leigha.rock@alumni.ubc.ca

Additional authors: Miriam Rosin, PhD; Lewei Zhang, PhD, FRCD(C);

Batoul Shariati, PhD, DDS; Denise Laronde, RDH, PhD

Oral potentially malignant lesions (OPML) with evidence of dysplasia are at a higher risk of progressing to oral cancer. However, not all will progress, and predicting which low-grade dysplasia (LGD; mild/moderate dysplasia) are at risk of progression is challenging. Finding markers to predict which LGD will progress has the potential to guide the management of these lesions and improve patient outcomes. This study aimed to 1) identify the clinicopathological changes in toluidine blue (TB) uptake, over time, in lesions with identified molecular risk patterns; and 2) determine if these changes predict malignant progression.



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1 Delaurenti M, et al. An Evaluation of Two Toothbrushes on Plaque and Gingivitis. Journal of Dental Research. 2012; 91(Special Issue 8):522
2 Data on file, 2010

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2:15–4:15 PM, SIDNEY ROOM



▲ Mary Bertone

EXPLORING INTEGRATION OF A DENTAL HYGIENIST INTO A LONG-TERM CARE INTERPROFESSIONAL CARE TEAM: A MANITOBA PILOT STUDY

Presented by Mary Bertone, RDH, MPH; Mickey Emmons Wener, RDH, BS(DH), MEd
Mary.bertone@umanitoba.ca

Additional authors: Kathy Yerex, RDH, BSc; Nina Labun, RN, MN; Lori Mitchell, PhD

Older adults residing in long-term care (LTC) are at high risk for compromised oral health due to frailty and dependence on others for oral care. Several studies have identified significant barriers to the provision of oral care for older adults, including lack of knowledge among nursing staff, competing care needs, residents with care-resistive behaviours, assessments that do not identify oral problems, limited oral care supplies, and limited access to oral care services. The presenters will share findings from the study of an innovative and collaborative strategy that integrated a part-time salaried dental hygienist into a LTC health care team for 12 months in an effort to advance care approaches and improve the oral care of residents.



▲ Mickey Emmons Wener

EXPLORING THE INFLUENCE OF ORAL HEALTH LITERACY AND ORAL HEALTH CHRONIC DISEASE KNOWLEDGE ON OLDER ADULTS' ORAL CARE BEHAVIOURS

Presented by Alison MacDougall, RDH, BScDH
acmrdh@gmail.com

Additional authors: Lori E Weeks, PhD; William Montelpare, PhD; Sharon Compton, DipDH, PhD

This study explored the influence of oral health literacy and oral health chronic disease knowledge on older adults' oral care behaviours. A total of 73 community-dwelling adults, ages 50 or older, participated in an anonymous online study; analysis of their responses revealed a significant relationship between frequency of dental visits and adequate levels of oral health literacy and oral health chronic disease knowledge. Findings from the study will be reviewed and implications for dental hygiene practice will be discussed.



▲ Alison MacDougall



POSTER PRESENTATIONS

Poster presentations will be available to view in the Exhibit Hall (Salon BC) from **Thursday, October 29, at 5:00 pm until Friday, October 30, at 2:00 pm.**

Poster presenters will attend in person on Friday, October 30, at the following times:

- 10:00–10:30 am
- 1:30–2:00 pm

BEST PRACTICES IN LOCAL ANESTHESIA TEACHING METHODOLOGY FOR DENTAL HYGIENE EDUCATION

Presenter: Laura J Webb, RDH, CDA, MS

LJW Education Services, Fallon, Nevada

EXPLORING BEST PRACTICES RELATED TO SENIOR CARE: AN INTERPROFESSIONAL LEARNING EXPERIENCE FOCUSING ON ORAL CARE AND MOBILITY

Presenter: Lisa Frisch, RDH, BSc

Additional authors: Deborah Schuh, BN, RN; Marie McEwan, BEd, RN (Simulationist)

Durham College, Oshawa, Ontario

AVATAR-MEDIATED PRACTICE SCENARIOS TO EVALUATE CROSS-CULTURAL KNOWLEDGE AND UNDERSTANDING

Presenters: Tara Newcomb, RDH, MS¹; Joyce Flores, RDH, MS¹

Additional authors: Amy Adcock, PhD²; Brett Cook, MEd³; Laurie Craigen, LPC, PhD⁴

¹School of Dental Hygiene, Old Dominion University, Norfolk, Virginia; ²Department of STEM Education and Professional Studies, Darden College of Education, Old Dominion University, Norfolk, Virginia; ³Darden College of Education, Old Dominion University, Norfolk, Virginia; ⁴Department of Counseling and Human Services, Darden College of Education, Old Dominion University, Norfolk, Virginia

THE EFFECTIVENESS OF CHEESE CONSUMPTION ON REDUCING CARIES: A SYSTEMATIC REVIEW

Presenters: Michael Rothfus, RDH, BSc; Arlynn Brodie, RDH, BPE, MHS

University of Alberta, Edmonton, Alberta

FLUORESCENCE VISUALIZATION AND ORAL CANCER RECURRENCE

Presenters: Marco Wu, RDH, BDS¹; Denise Laronde, RDH, PhD^{1,2}

Additional authors: Miriam Rosin, BSc, PhD^{2,3}; Lewei Zhang, Dip Oral Path, BDS, PhD, FRCD(C)^{1,2}

¹Faculty of Dentistry, The University of British Columbia, Vancouver, British Columbia; ²British Columbia Oral Cancer Prevention Program, Cancer Control Research, British Columbia Cancer Research Centre, Vancouver, British Columbia; ³Department of Biomedical Physiology and Physical Kinesiology, Simon Fraser University, Burnaby, British Columbia

LEARNING TOGETHER TO REDUCE ERGONOMIC RISKS

Presenters: Leslie Johnson, BHSc(OT), MS; Erica Hunzinger, MOT

Additional authors: Kateryna Kovlachuk, MOT; Laura MacDonald, RDH, MEd

University of Manitoba, Winnipeg, Manitoba

ORAL HEALTH IN COMMUNITY DWELLING OLDER ADULTS

Presenter: Kimi Khabra, RDH, BSc(DH)

Additional authors: Sharon M Compton, RDH, PhD; Louanne Keenan, RDH, PhD

University of Alberta, Edmonton, Alberta

BACK TO BASICS: IMPROVING READING IN DENTAL HYGIENE COURSES

Presenter: Anna Matthews, RDH, MS

Additional authors: Maria-Elena Bilello, RDH, MSPH; Davida S Smyth, PhD; Juanita But, PhD

New York City College of Technology/CUNY, Brooklyn, New York

THE ALEX DENTAL HEALTH BUS: BRIDGING THE GAP

Presenter: Denise M Kokaram, RDH

The Alex Community Health Centre, Calgary, Alberta

LAY HEALTH ADVISOR MODEL FOR SUSTAINABLE ORAL HEALTH PROMOTION IN ELEMENTARY SCHOOLS: A PILOT FEASIBILITY STUDY

Presenter: Rachel Hei In Pang, RDH, BSc(DH)

Additional authors: Jolanta Aleksejuniene, DDS, PhD; Anita Vallee, RDH, MH

University of British Columbia, Vancouver, British Columbia

STRENGTHENING COMMUNITY ACTION IN VICTORIA, BRITISH COLUMBIA

Presenters: Melissa Schaefer, DipDT, DipDH, MEd;

Danielle Ayotte, DipDH; Maria Degethoff, DipDH

Camosun College, Victoria, British Columbia

IMPLEMENTATION OF AN ENRICHED ULTRASONIC CURRICULUM INTO A CANADIAN DENTAL HYGIENE PROGRAM

Presenters: Marilyn Goulding, RDH, BSc, MOS¹; Dani Botbyl, RDH²

¹Niagara College, Welland, Ontario; ²Dentsply Canada

ORAL HEALTH IN LONG-TERM CARE: A CRITICAL REVIEW OF ORAL HEALTH INTERVENTIONS

Presenter: Arlynn Brodie, RDH, BPE, MHS

Additional authors: Tammy Hopper, PhD, R-SLP; Sharon Compton, DipDH, PhD; Minn Yoon, PhD

University of Alberta, Edmonton, Alberta

IATRO-COMPLIANCE: AN UNINTENDED CONSEQUENCE OF EXCESSIVE AUTONOMY IN LONG-TERM CARE FACILITIES

Presenter: Melanie V Taverna, RDH, MS(DH)

Additional authors: Carol Nguyen, RDH, MS; Rebecca Wright, RDH, MS;

James W Tysinger, PhD; Helen M Sorenson, MA, RT

University of Texas Health Science Center, San Antonio, Texas

BRUSH UP! PROMOTING ORAL HYGIENE BEHAVIOURS WITH A GAME

Presenter: Joyce M Flores, MS, RDH¹

Additional authors: Traci Leong, PhD²; Stella Lourenco, PhD²; Dov Jacobson³; Jesse Jacobson³; Stephanie Chergi³; RL Jacobson, DDS³

¹ Old Dominion University, Norfolk, Virginia; ² Emory University, Atlanta, Georgia; ³ Games That Work©, USA



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References: ¹ George, Marie D., Donley, Timothy G., & Preshaw, Philip, M. (2014). Ultrasonic Periodontal Debridement Theory and Technique. (pp. 34). John Wiley & Sons Inc.
² Asadorian, J., Botbyl, D., Goulding, M.J. (2014). Dental Hygienists' Perception of Preparation and Use For Ultrasonic Instrumentation. International Journal of Dental Hygiene. DOI: 10.1111/adj.12092. John Wiley & Sons Inc.



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