

75th ANNUAL MEETING
“Equity, Diversity & Inclusion in Otolaryngology-Head & Neck Surgery”
FRIDAY, SEPTEMBER 17, 2021

Virtual Session 1

0935-1025
1025-1030

50-Minute Non-Accredited Event
5-Minute Transition between Sessions

Opening Session

1030-1035 *National Anthem & Welcoming Remarks*-President **Dr. Ian Witterick** & Program Chair **Dr. Vincent Lin**, Toronto, ON

1035-1050 *Presidential Address* – **I. Witterick**, Toronto, ON

1050-1055 *Introduction Guest of Honour* - **Dr. Karen Kost**, Montreal, QC – **I. Witterick**, Toronto, ON

1055-1105 *Guest of Honour Talk* – **K. Kost**, Montreal, QC

1105-1110 *Introduction of Lifetime Achievement Award Recipient*, **Dr. Dominique Dorion**, Sherbrooke, QC – **I. Witterick**, Toronto, ON

1110-1125 *Lifetime Achievement Award Recipient* – **D. Dorion**, Sherbrooke, QC

1125-1130 *Introduction of Keynote Speaker* **Dr. Evan Adams**, Vancouver, BC – **I. Witterick**, Toronto, ON

1130-1200 *Keynote Speaker's Address* – **E. Adams**, Vancouver, BC

Overall Learning Objectives

Due to the continuing COVID-19 pandemic constraints, this year's annual meeting will again take place virtually. It will provide learners in the specialty of Otolaryngology – Head and Neck Surgery (including general and subspecialty Otolaryngology – Head and Neck surgeons as well as resident and medical student trainees) a significant opportunity to attend online sessions of interest and acquire further understanding and knowledge in areas of perceived / unperceived weakness in the specialty. All branches of the specialty, including head & neck oncology, laryngology, rhinology, otology, neurotology, pediatric otolaryngology, facial plastic and reconstructive surgery, general otolaryngology, sleep disorders, and medical education, are part of the program. We will run online concurrent sessions including guest speaker lectures, workshops, panels, and podium presentations. This will provide delegates with a great variety of learning opportunities. Provision as been made to allow attendees ample time for enhanced dialogue and discussion with the various presenters via Q&A and chat functions. In keeping with the theme of this year's meeting, “Equity, Diversity, and Inclusion in Otolaryngology-Head and Neck Surgery”, guest speakers will present their areas of expertise through plenary talks and dedicated workshops. Increased numbers of workshops will give each learner practical and adoptable knowledge to use immediately in their practice. In addition, there will be 2 applied courses of pertinent interest designed for impactful learning. This year's program will include workshops and presentations for the community-based practitioners, continued information on technological advancements, and popular updates on a variety of topics.

Virtual Session 1

Virtual Session 2

Virtual Session 3

Virtual Session 4

1200-1205
1205-1255

5-Minute Transition Between Sessions / Non-accredited Events

WS 1: Courageous Conversations in Equity, Diversity, and Inclusion

Chair: **F.G. Osler**, Winnipeg, MB;
Panelists: **L. Richardson, E. Gooden**, Toronto, ON, **J. Lea, E. Adams**, Vancouver, BC

LEARNING OBJECTIVES

By the end of the session, participants will be able to 1) Discuss principles, risks and benefits of equity, diversity, and inclusion. 2) Identify points of resistance and how to navigate through them. 3) Analyze an approach to courageous conversations

WS 2: Pediatric OSA: Novel Solutions to Diagnostic and Therapeutic Challenges

Chair: **L. Nguyen**, Montreal, QC;
Participants: **H. El-Hakim**, Edmonton, AB, **J. Jones**, Winnipeg, MB, **J. Yeung**, Montreal, QC, **S. Ishman**, Cincinnati, OH

LEARNING OBJECTIVES:

At the end of this panel, participants will be able to: 1. Describe alternatives to polysomnography for the diagnosis of OSA in children; 2. Identify and manage children

WS 3: Moving Toward a Rational Personalization of Head and Neck Cancer

Introduction: **J. Yoo**, London, ON;
Speaker: **G. Farwell**, University of Pennsylvania

Papers: **OTOLOGY**

Chairs: **Dr. Justin Lui & Dr. Trung Le**, Toronto, ON

[LEARNING OBJECTIVES](#)

1205-1210 **Cochlea Implants: When Hardware Fails - Using Impedance as an Initial Indicator of Decline** - **W. Almutairi, J. Pisa, J. Hochman**, Winnipeg, MB

1210-1215 **Non-invasive, Trans-Tympanic Visualization of Cochlear Implant Electrode and Middle Ear Driver Position at the Round Window in a Human Cadaveric Temporal Bone**

most at-risk for perioperative complications;
3. Incorporate novel treatments for persistent OSA after adenotonsillectomy

- D.P. Morris, X. Yang, J. Wang, J. Farrell, D. MacDougall, R. Adamson, Halifax, NS
1215-1220 **Opioid Prescriptions Following Otologic Surgery: A Population Based Study** - J. A. Beyea, K. Kirubalingam, P. Nguyen, G. Klar, J. Dion, R. Campbell, Kingston, ON
1220-1225 **OtoVIS: A Photorealistic Virtual Ear** - J. Lui, Calgary, AB, D. Shin, A. Batista, Toronto, ON, C. Bell, Calgary, AB, J. Chen, Toronto, ON, S. Chan, J. Dort, Calgary, AB
1225-1232 Discussion
1232-1237 **The Feasibility of Eustachian Tube Dilation with a Standard Endovascular Balloon** - V. Dahm, H. Chan, M. Daly, J. Lui, V. Lin, J. Irish, J. Chen, T. Le, Toronto, ON
1237-1242 **Virtual and Augmented Reality in the Vestibular Rehabilitation of Peripheral Vestibular Disorders: Systematic Review and Meta-Analysis** - A. Heffernan, M. Abdelmalek, D. Nunez, Vancouver, BC
1244-1247 **REDOX Potential of Perilymph and Blood** - D. Gigliotti, M. Seaman, S. McPhee, B. Blakley, Winnipeg, MB
1247-1254 Discussion

1255-1315
1315-1405

20-Minute Break / Non-Accredited Event

WS 4: Facial Reconstruction: Contemporary Skin Cancer Reconstruction

Chair: **M. Brandt, Toronto, ON**;
Panelists: **M. Taylor, J. Trites, Halifax, NS, K. Ansari, Edmonton, AB, Jeff Moyer, Ann Arbor, MI, S. Oyer, Charlottesville, VA**

LEARNING OBJECTIVES

- 1) Attendees will better understand the application of local flaps to common facial defects.
- 2) Participants will develop a reconstructive algorithm for common facial defects.
- 3) Attendees will recognize the breadth of options available for the reconstruction of common facial defects.

WS 5: A Primer on Oropharyngeal Carcinoma Management from Community to the Tertiary Care Hospital

Co-Moderators: **D. O'Connell, Edmonton, AB, Tony Eskander, Toronto, ON**; Panelists: **V. Biron, Edmonton, AB, E. Chapman, Edmonton, AB, M. Hyrcza, Calgary, AB, M. Rigby, Halifax, NS, P. Singh, Toronto, ON**

LEARNING OBJECTIVES

At the end of this session:

- 1) Audience members will be able to interpret the evidence on HPV testing for neck masses, unknown primary cancers, and non-oropharyngeal head and neck cancers.

WS 6: An Update on Genetic Hearing Loss from Gene Identification to Genetic Inner Ear Therapy

Moderator: **D. Morris, Halifax, NS**,
Speakers: **R.J.E. Pennings, Erwin van Wyk, Nijmegen, The Netherlands**

LEARNING OBJECTIVES

At the end of this workshop the participants will be able to:

1. Distinguish the current state-of-the art diagnostics for (hereditary) hearing loss.
2. Consider the importance of genetic diagnostics of hearing loss for counseling and future therapeutic approaches.
3. Support the (preclinical) development of novel inner ear therapeutic approaches to treat genetic hearing loss.

Papers: **EDUCATION**

Chair: **Dr. Lily Nguyen, Montreal, QC**
[LEARNING OBJECTIVES](#)

1315-1320 **Changing Landscape of Data Analysis: Simulation and Machine Learning Methods for the Otolaryngologist** - C. MacKay, PI. Van Berkel, W. Klement, R. Urquhart, M. Rigby, Halifax, NS
1320-1325 **Exploring Gender Trends in Canadian Otolaryngology-Head and Neck Surgery** - K. Oxford, B. Power, N. Sood, St. John's, NL, S. Pandya, Limerick, Ireland, S.M. Tanya, St. John's, NL, S. Sharma, Kingston, ON, S.M. Taylor, Halifax, NS
1325-1330 **Mistreatment and Discrimination Amongst Otolaryngology** -

4) At the completion of this workshop, attendees will demonstrate an improved ability to apply local flaps to the reconstruction of facial defects.

2) Audience members will be able to determine different treatment approaches for patients newly diagnosed with oropharyngeal carcinoma
3) Audience members will be able to demonstrate clinician communication with patients (and families) regarding the diagnosis of an HPV-associated malignancy.
4) Audience members will be able to recognize the effectiveness of HPV-vaccination and review impact of vaccination

Head & Neck Surgeons in Canada: A Nation-Wide Survey - A. Hamour, T. Chen, J. Cottrell, P. Campisi, I. Witterick, Y. Chan, Toronto, ON
1330-1335 **National Trends in Gender Diversity in Otolaryngology-Head & Neck Surgery in Canada** - E. Grose, T. Chen, J. Siu, P. Campisi, I. Witterick, Y. Chan, Toronto, ON
1335-1342 Discussion
1342-1347 **Perioperative Patient Education via Animated Videos in Head and Neck Surgery: A Randomized Controlled Trial** - S. Turkdogan, C. Roy, G. Chartier, R. Payne, A. Mlynarek, M. Hier, Montreal, QC
1347-1352 **Canadian Female Medical Trainees and Surgeons Report Greater Work Productivity Challenges Than Males During the COVID-19 Pandemic** - D. Lammers, E. Parker, D. Forner, V. Kuta, D. Salh, K. Benson, E. Fung, Halifax, NS
1352-1357 **Evaluating Implicit Gender Bias in the Canadian Society of Otolaryngology Annual Meeting** - K. Van Osch, A. Dzioba, K. Ahmed, A. MacDonald, J. Skinner, H. Williams, J. Strychowski, E. Graham, London, ON
1357-1404 Discussion

1405-1410
1410-1500

WS 7: The Use of Mobile App Technologies to Advance the Knowledge Translation of Clinical Guidelines

Moderator: **J. MacCormick**, Ottawa, ON; Panelists: **M. Gynn, E. Grose**, Ottawa, ON

LEARNING OBJECTIVES

1) Understand how mobile apps can be applied to promote the knowledge translation of clinical guidelines and medical education resources in otolaryngology.
2) Appreciate how mobile applications can be used to advance otolaryngology practice.
3) Become familiar with basic show to develop an app and learn the steps involved in such a process.

5-Minute Transition between sessions / Non-Accredited Events
WS 8: Rhinology Nightmares – An Expert Panel

Moderator: **K. Smith**, Winnipeg, MB; Panelists: **A. Chiu**, Kansas City, KA, **P.H. Hwang**, Palo Alto, CA, **A. Halderman**, Dallas, TX

LEARNING OBJECTIVES

1. To discuss challenging rhinology cases, complications and suboptimal outcomes
2. To review panelists experiences with these cases, and their clinical pearls for other surgeons who may encounter similar cases
3. To discuss the human component of managing challenging cases, including surgeons initial and long term responses to challenging cases or complications

WS 9: Diagnosis and Management of Injuries of the Laryngo-tracheal Airway during Prolonged Intubation Chair: **J. Young**, Montreal, QC; Panelists: **J. Anderson**, Toronto, ON, T. **Brown**, Halifax, NS, **J. Lin**, Toronto, ON, L. **Johnson**, Halifax, NS

LEARNING OBJECTIVES

1) Participants should be able to recognize those patients at risk of airway injuries caused by prolonged intubation; 2) Participants will be able to diagnose complex injuries to the airway caused by prolonged intubation; 3) Participants will be able to manage injuries to the larynx, including those affecting multiple layers of stenosis

Papers: **PEDIATRIC OHNS**

Chairs: **Dr. Jeff Yeung**, Montreal, QC & **Dr. Nick Wolter**, Toronto, ON

[LEARNING OBJECTIVES](#)

1410-1415 **Changes to the Practice of Pediatric Otolaryngology as a Consequence of the COVID-19 Pandemic** - A. Dzioba, London, ON, P. Hong, Halifax, NS, M. Husein, J. Strychowski, E. Graham, London, ON

1415-1420 **Diagnostic Accuracy of Computed Tomography in Pediatric Foreign Body Aspiration** - J. Azzi, Winnipeg, MB, C. Seo, Ottawa, ON, G. McInnis, R. Rabbani, K. Rozovsky, D. Leitao, Winnipeg, MB

1420-1425 **Pediatric Cochlear Implant Explanation and Re-implantation from**

4) Understand how these mobile resources can be updated and maintained with minimal experience in computer science and/or coding.

a Single Institution Utilizing a Single Manufacturer over a 33-Year Period – V. Hou, Vancouver, BC, P. Tellez, M. Fandino, J. Ospina, Bogota, Columbia, R. Chia, R. Bergstrom, J. Kozak, S. Chiu, E. Kozak, F. Kozak, Vancouver, BC
 1425-1430 **Prevention of Death or Serious Complications from Esophageal Button Batteries - J. Philteos, O. Ostrow, N. McKinnon, T. Everett, A. James, N. Wolter, Toronto, ON**
 1430-1437 Discussion
 1437-1442 **Speech Outcomes Following Primary and Secondary Surgery for Individuals with Submucous Cleft Palate - A. Lee, A. Dzioba, A. Dworschak-Stokan, R. Instrum, M. Husein, London, ON**
 1442-1447 **Diagnostic Utility of Sleep Oximetry in the Management of Pediatric Laryngomalacia - J. Song, J. Sloychuk, H. El-Hakim, A. Isaac, Edmonton, AB**
 1447-1452 **Balloon Dilation vs Tympanostomy Tube Insertion: A Cost Comparison Study - R. Alsayegh, J. Gurberg, Montreal, QC**
 1452-1509 Discussion

1500-1530
1530-1620

30-Minute Break / Non-accredited Event

WS 10: Molecular Landscape of Thyroid Tumors: Implications for Pre-Operative Diagnostics and Prognostication of Thyroid Cancer
 - Moderator: **R. Payne**, Montreal, QC, Speaker: **Y. Nikiforov**, Pittsburgh, PA

LEARNING OBJECTIVES

- 1) By attending this session, participants will be able to get familiar with and describe common molecular mutations and alterations in thyroid cancer.
- 2) By attending this session, participants will be able to discuss the utility of molecular markers for preoperative cancer diagnosis in thyroid nodules.
- 3) By attending this workshop, participants will become familiar with the recent data on using

WS 11: Beyond the UPPP: Modern Evidence-Based Surgery for OSA for the General Otolaryngologist - Co-Chairs: B. Rotenberg, London, ON, J. Chau, Calgary, AB; Panelists: J. Xu, S. Morong, Toronto, ON, G.B. Mulholland, Edmonton, AB, J.-P. Vezina, Québec, QC

LEARNING OBJECTIVES

- 1) To highlight and demonstrate traditional and modern surgical techniques for management of obstructive sleep apnea in nasal, palatal, pharyngeal and skeletal surgery
- 2) To review published literature and expert opinion on modern techniques
- 3) To highlight promising technology including tongue base neurostimulation

CMPA: Medico-Legal Considerations with Virtual Care
 Introduction: **V. Lin**, Toronto, ON,
 Speaker: **J. Nuth**, Ottawa, ON

LEARNING OBJECTIVES

- When providing virtual care:
 1) Outline the standard of care, consent, privacy, and licensing considerations; 2) Describe 4 documentation and communication pearls; 3) Develop 2 strategies to improve your practice

COVID-19 and Aerosol Generating Procedures in the ENT Clinic: What is the Evidence?
 Moderator: **D. Sommer**, Hamilton, ON;
 Panelists: **B. Bleier**, Boston, MA, **L. Sowerby**, London, ON

LEARNING OBJECTIVES

- 1) To review selected topics relating to COVID-19 and transmission risks to otolaryngologist;
- 2) Review recent knowledge in the area of aerosol production in COVID-19 patients;
- 3) Discuss recently revised Canadian tracheostomy CSO recommendations;
- 4) Understand the implications of olfactory loss in COVID-19 with emphasis on treatment options

molecular markers for thyroid cancer
prognostication and targeted therapies

1620-1625
1625-1715

5-Minute Break / Non-accredited Events

WS 12: Complex Secondary Reconstruction of the Head and Neck

Moderator: **D. MacNeil, London, ON**; Panelists: **J. Yoo, London, ON, J. Trites, Halifax, NS, R. Gilbert, Toronto, ON, H. Seikaly, Edmonton, AB, B. Guay, Québec, QC**

LEARNING OBJECTIVES

- 1) To review common and rare defects of the head and neck
- 2) To discuss management options for complex head and neck defects
- 3) To review common head and neck reconstruction challenges

How I Do It - A Rhinology Video Session

Moderator: **C. Chin, Saint John, NB**
Ethmoidectomy - J. Lee, Toronto, ON
Sphenoidotomy - J. Yip, Toronto, ON
Frontal Sinuotomy - J. Scott, Halifax, NS

Endoscopic Septoplasty - K. Smith, Winnipeg, MB

Endoscopic Sphenopalatine Artery Ligation - A. Thamboo, Vancouver, BC

Septal Perforation Repair - L. Sowerby, London, ON

LEARNING OBJECTIVES

1. At the end of the session, the audience will be familiar with the surgical anatomy of the paranasal sinuses.
2. At the end of the session, the audience will be comfortable with the techniques required to perform an endoscopic ethmoidectomy, sphenoidotomy, and frontal sinusotomy.
3. At the end of the session, the audience will understand the techniques required to perform endoscopic septoplasty, septal perforation repair, and endoscopic sphenopalatine artery ligation.

How I Do It - A Practical Case-based Approach to Guide Your Decision Making in Hearing Aid Prescription for Common Clinical Scenarios

Moderator: **A. Ho, Edmonton, AB**
Panelists: **J. Grewal, L. Vacarello, Edmonton, AB**

LEARNING OBJECTIVES

At the end of this session the participants will be able to:

1. Describe how air conduction hearing aid technology has advanced in recent years.
2. Demonstrate improved ability to identify those who might benefit from air conduction hearing aids.
3. Identify the changing indications for hearing aid prescriptions for common clinical scenarios
4. Explain the limitations of hearing aid technology in order to better manage patient's expectations of their hearing aids
5. Consider a change in clinical decision making in order to optimize how patients might better benefit from hearing aid technology

Papers: **LARYNGOLOGY**

Chairs: **Dr. R. Jun Lin, Toronto, ON & Dr. Andrea Darnbrough, Winnipeg, MB**
[LEARNING OBJECTIVES](#)

1625-1630 **Assessment of Safety Protocols in Laryngoscopy Procedures and the Risk of Transmission of COVID-19 Amongst Canada Otolaryngologists - S. Turkdogan, T. Chen, V. Landry, L. Martignet, J. Young, F. Chagnon, N. Li-Jessen, K. Kost, Montreal, QC**

1630-1635 **Patient Perception and Duration of Pain after Microdirect Laryngoscopy - T. Tsang, O. Brett, A. Hu, Vancouver, BC**

1635-1640 **Quality and Readability of Online Information on Idiopathic Subglottic Stenosis - A. Heffernan, A. Hu, Vancouver, BC**

1640-1645 **Treatment of Essential Vocal Tremor: A Scoping Review - S. Khoury, D. Randall, Calgary, AB**

1645-1652 Discussion

1652-1657 **Outcomes of Cricopharyngeal Myotomy in Oculopharyngeal Muscular Dystrophy Patients: A Retrospective Case-control Study - S. Briseboise, C. Laferte, Sherbrooke, QC**

1657-1702 **In-Hospital Mortality for Aspiration Pneumonia in a Tertiary Teaching Hospital, 2008-2018 - D.B. Shin, G. Lebovic, R.J. Lin, Toronto, ON**

1702-1707 **The Advanced Shared Airway: Transnasal Humidified Rapid-Insufflation Ventilatory Exchange (THRIVE) for Laryngeal Surgery - L. Chow, A. Lane, R. Campbell, Ottawa, ON**

1707-1714 Discussion

1715

Unaccredited Event

SATURDAY, SEPTEMBER 18, 2021

Virtual Session 1

Virtual Session 2

Virtual Session 3

Virtual Session 3

1000-1050
1050-1055
1055-1145

WS 13: Equity, Diversity, Inclusion and Decolonization Issues in Healthcare
Facilitators: M. E. Graham, M. N. Katsivo, London, ON

LEARNING OBJECTIVES

1. Actionable decisions on how to create a more equitable and inclusive work environment
2. Initiation of the process of developing human consciousness with respect to EDID

WS 14: CRS Management in 2031
Moderator: **M. Tewfik**, Montreal, QC;
Panelists: **C. Bachert**, Ghent, Belgium,
M. Desrosiers, Montreal, QC, **T. Smith**, Portland, OR, **E. Toskala**, Philadelphia, PA

LEARNING OBJECTIVES

- At the conclusion of this session participants will:
1. Develop a better understanding of the current state of knowledge regarding the pathophysiologic basis for CRS
 2. Know the therapeutic options that have either recently been approved or are coming on the horizon
 3. Appreciate the importance of personalizing medical care in the treatment of CRS and understand how this will likely be incorporated into medical practice in 2031.

CORLAS: Helping Canadian ENT-HNS build bridges with the world
Moderator: **B. Westerberg**, Vancouver, BC; Speakers: **J. Irish**, Toronto, ON, **H. Seikaly**, Edmonton, AB, **H. Ladak**, London, ON, **S. Agrawal**, London, ON

LEARNING OBJECTIVES

- Objectives:
At the end of the presentation, the participant will:
- 1) Understand the benefits of networking in OHNS both nationally and internationally
 - 2) Identify how initiatives developed or championed by CORLAS members have influenced the global ENT community

Ultrasound Course

Introduction: **I. Witterick**, Toronto, ON
Speakers: **L. Orloff**, Palo Alto, CA; **S. Mandel**, Philadelphia, PA

Agenda

- 1050-1120 Neck Anatomy (including LN eval and appearance)
- 1120-1200 Thyroid nodules (US appearance and RSS)
- 1200-1215 Pre-op US and implications for surgery
- 1215-1230 Nodule (with video) cases
- 1230-1240 Q&A

[Thyroid Cases Syllabus](#)
[US Thyroid Nodules Syllabus](#)

1145-1150
1150-1240

5-Minute Transition between session

WS 15: Differentiated Thyroid Carcinoma in Children: Evolution of a Nuanced Pediatric Approach
Moderator: **P. Campisi**, Toronto, ON
Panelists: **J. Wasserman**, Toronto, ON, **L. Johnson**, **J. Topple**, Halifax, NS

WS16: Recent Advances in Meniere's Disease
Speaker: J. Harcourt, London, UK

LEARNING OBJECTIVES

- 1) Evaluate the role of imaging in Meniere's disease;
- 2) List and critique the medical treatments currently available for Meniere's disease;
- 3) Describe the association of Meniere's disease and migraine;
- 4) Explain the role of inner ear proteins and genetics in Meniere's disease;
- 5) Consider the role of surgery in the management of this condition

Poliquin Competition
Chair: **Dr. Danielle MacNeil**, London, ON

- 1150-1200 **Opening Remarks - D. MacNeil**, London, ON
- 1200-1210 **Development of a Neural Network Model to Predict Long-term Mortality in Patients Eligible for Tracheostomy in the ICU - J. Siu**, University of Toronto, Toronto, ON, **N. George**, Albuquerque, NM, **E. Moseley**, **R. Eber**, **M. Samuel**, **J. Yam**, **C. Lindvall**, Boston, MA, **L.A. Celi**, Cambridge, MA
- 1210-1220 **Development of a Murine Model for Chronic Rhinosinusitis - A. Armour**, & **J.J. W. Lee**, University of Toronto, Toronto, ON, **E. Poduch**, **E. Monteiro**, **J. Lee**, **L. Kotra**, **A. Vescan**, Toronto, ON
- 1220-1230 **Treatment Choices in the Management of Bethesda III and IV**

Thyroid Nodules: A Multi-institutional Study - V. Kuta, Dalhousie University, Halifax, NS, D. Forner, Halifax, NS, J. Azzi, Ottawa, ON, D. Curry, Halifax, NS, C. Noel, Toronto, ON, K. Munroe, M. Bullock, Halifax, NS, J.T. MacDonald, Saint John, NB, S. Johnson-Obaseki, Ottawa, ON, M. Corsten, Halifax, NS
 1230-1240 **Outcomes After Re-resection or Observation of Positive Resection Margins Following Transoral Laser Micro-surgery (TLM) for Glottic Cancer** - U. Khan, Dalhousie University, Halifax, NS, C. Mackay, M. Rigby, J. Trites, M. Corsten, S.M. Taylor, Halifax, NS

5-Minute Break / Non-Accredited Events

1240-1245
 1245-1335

WS 17: Social Media Advertising in Facial Plastic Surgery & Otolaryngology - The Road to Thousands of Followers
 Chair: M. Brandt, Toronto, ON;
 Panelists: P. Solomon, C. Torgerson, Toronto, ON, S. Moubayed, Montreal, QC, A. Esmail, Winnipeg, MB, K. Zachary, Calgary, AB

LEARNING OBJECTIVES

- 1) Attendees will better understand contemporary social media platforms
- 2) Participants will develop an appreciation for the types of social media that build an online presence and followers
- 3) Attendees will understand the steps required to maintain and optimize their social media presence
- 4) Participants will improve their appreciation for the return on investment of social media as an advertising medium
- 5) At the completion of this workshop, attendees will demonstrate an improved understanding of the need for social media in building their practice

Otology Simulation Course
 Moderator: V. Lin, Toronto, ON
 Speakers: J. Lui, Toronto, ON, S. Agrawal, H. Ladak, London, ON

(Didactic)

Poliquin Continued
 1245-1255 **The Public Health Impact of Odontogenic Neck Abscesses-A Multi-Institutional Study** - A. Alanazi, University of Alberta, Edmonton, AB, S. Sivarajah, Boston, MA, V. Biron, D. O'Connell, H. Seikaly, J. Harris, Edmonton, AB
 1255-1305 **Patient-Reported Symptom Burden as a Predictor of Emergency Department Use and Unplanned Hospitalization in Head and Neck Cancer: A Longitudinal Population-Based Study** - C. Noel, University of Toronto, ON, R. Sutradhar, ICES, D. Forner, Halifax, NS, J. Irish, D. Enepekides, S. Singh, Z. Husain, J. Hallet, N., Coburn, A. Eskander, Toronto, ON
 1305-1315 **Evaluating the Sensitivity and Specificity of US and CT as Diagnostic Tools for Pediatric Neck Abscesses** - F. Ramazani, University of Calgary, Calgary, AB, W. Yunker, C. Liu, Calgary, AB
 1315-1325 **Does Human Papilloma Virus Modify the Risk of Oropharyngeal Cancer Among Smokers and Alcohol Drinkers; A Systematic Review and Meta-Analysis** - R. Arif, McGill University, Montreal, QC, M.

CSO Telesimulation Course in Endoscopic Sinus Surgery
 Co-Directors: Y. Chan, Toronto, ON, A. Janjua, Vancouver, BC, M. Tewfik, Montreal QC, A. Thamboo, Vancouver, BC

Hands-on Event
 3 Locations: Vancouver, Toronto, & Montreal

1335-1355
1355-1445

WS 18: An Update on Anaplastic Thyroid Cancer

Moderator: **V.-I. Forest**, Montreal, QC

Speaker: **S. Lai**, Houston, TX,

20-Minute Break / Non-accredited Event

Papers: **Rhinology**

Chairs: **Dr. John Scott**, Halifax, NS
Dr. Andrew Thamboo, Vancouver, BC

[LEARNING OBJECTIVES](#)

1355-1400 **Computed Tomography Study: Characterizing the Trajectory to Olfactory Cleft** - **T. Chan, M. Lee, A. Thamboo**, Vancouver, BC

1400-1405 **The Usefulness of YouTube Videos Related to Endoscopic Sinus Surgery for Surgical Residents** - **J. Shapiro, M. Levin, S. Sunba, V. Wu, J. Lee**, Toronto, ON

1405-1410 **Endoscopic Sinus Surgery Outcomes in Patients with Chronic Rhinosinusitis and Immunoglobulin Deficiencies** - **S. Samargandy, E. Grose, J. Lee, J. Yip**, Toronto, ON

1410-1415 **Dupilumab Provides Early and Durable Improvement of Symptoms in Patients with Chronic Rhinosinusitis with Nasal Polyps: Results from the SINUS-24 and SINUS-52 Phase 3 Trials** - **P. Gevaert**, Ghent, Belgium, **S. E. Lee**, Pittsburg, PA, **R. Settipane**, Providence, RI, **M. Wagenmann**, Dusseldorf, Germany, **J. Msihid**, France, **S. Siddiqui, S. Nash**, Tarrytown, NY, **J.A. Jacob-Nara**, Bridgewater, NJ, **A.H. Khan**, France, **S. Kamat**, TarryTown, NY

1415-1422 Discussion

Mogaddam, Boston, MA, **N. Farsi, L. Merdad**, Jeddah, SA, 1325-1335 **Operating Room Noise and Team Communication During Facial Plastic and Reconstructive Surgery: A Multicenter Study** - **M. Levin**, University of Toronto, ON, **M. Brace**, Toronto, ON, **D. Sommer**, Hamilton, ON, **M. Roskies**, Toronto, ON

Poliquin Continued

1355-1405 **Using Myringotomy as a Feedback Tool to Teach Otoscopy: A Prospective Controlled Trial** - **J. Chénard-Roy**, Laval University, Québec, QC, **A. Lambert, C. Gravel, J. Montreuil**, Québec, QC

1405-1415 **Structural Integrity of Absorbable Gelatin Sponges for Middle Ear Packing in Otologic Surgery** - **C. Roy**, McGill University, Montreal, QC, **H. Li, M. Cerruti, J. Yeung**, Montreal, QC

1415-1425 **Longitudinal Functional Outcomes and Late Effects of Radiation Following Treatment of Nasopharyngeal Carcinoma** - **G. Gill**, University of Manitoba, Winnipeg, MB, **C. Lane, C. Myers, P. Lambert, A. Cooke, P. Kerr**, Winnipeg, MB

1425-1435 **Does Parathyroidectomy Reverse Mortality Risk in Patients with Primary Hyperparathyroidism? A Systematic Review and Meta-analysis** - **R. Instrum**, Western University, London, ON, **D. MacNeil**, London, ON

1435-1445 **The Modified Occlusion Driven Technique** - **J.M. Pyne**, University of Alberta, Edmonton, AB, **B. Kelly, H. Logan, M. Osswald, S. Nayar**,

1422-1427 **Barriers to Care for Complex Airway Disease and Multidisciplinary Solutions to Optimizing Therapy in Canada – A.** Cherukupalli, M. Yong, Y. Chan, A. Thamboo, Vancouver, BC
 1427-1432 **Aesthetic Reconstruction of the Dilated Earlobe: Surgical Technique and Case Series - C. Moore, K.M. Ruicci,** London, ON
 1432-1437 **Long-term Result of Lengthening Temporalis Myoplasty in Facial Paralysis Reanimation - K. Karra, S. Martineau, C. Dufour-Fournier, P.L. Beaudoin, A. Rahal,** Montreal, QC
 1437-1444 Discussion

V. Biron, K. Ansari, J. Harris, D. O'Connell, H. Seikaly, Edmonton, AB

20-Minute Non-Accredited Event

WS 20: Canada's First Facial Transplant: A Behind the Scenes Look & 3-Year Follow-up
 Introduction: M. Brandt, Toronto, ON;
 Speakers: T. Ayad, A. Rahal, Montréal, QC

LEARNING OBJECTIVES:
 1) After this presentation, participants will understand the planning surrounding Canada's First facial transplant.
 2) After this presentation, participants will be familiar with the postoperative and long term follow up of the recipient's condition.

Poliquin Competition cont...
 1505-1515 **Oral Cancer: Comparison of Surgery Alone vs. Surgery with Post-operative Radio-therapy - C. Lane,** University of Manitoba, Winnipeg, MB, C. Myers, D. Jiang, A. Cooke, P. Kerr, Winnipeg, MB
 1515-1525 **Laryngeal Electromyography-guided Hyaluronic Acid Vocal Fold Injections for Glottic Insufficiency - A.Q. Liu,** University of British Columbia, Vancouver, BC, J. Singer, T. Lee, A. Hu, Vancouver, BC
 1525-1535 **BRAF V600E Mutation is Associated with Aggressive Features in Papillary Thyroid Carcinomas ≤ 1.5cm - J. Silver,** McGill University, Montreal, QC, M. Bogatcher, M. Pusztaszeri, V. Forest, M. Hier, J. Wei, Wang, M. Tamilia, R. Payne, Montreal, QC
 1535-1545 **Upper Airway Resistance and Clinical Respiratory Distress in Laryngeal Cancer: A Computational Fluid Dynamics Study - T. Hudson,** McGill University, Montreal, QC, R. Ait Oubah, L. Mongeau, K. Kost, Montreal, QC

1445-1505
 1505-1555

WS 19: Pivoting to Virtual OHNS Care and Teaching
 Introduction: I. Witterick, Toronto, ON; Speakers: J. Lazor, S. Glover-Takahashi, K. Leslie, Toronto, ON

1555-1600
1600-1650

		1545-1555 Closing Remarks - D. MacNeil , London, ON	
	5-Minute Break / Unaccredited Events		
Medical Students Session: Beyond Work of Mouth – Debriefing and Deconstructing OHNS for Prospective Applicants Moderators: Y. Chan, V. Lin , Toronto, ON; Participants: D. Mavedatnia, Ottawa, ON, M. Lee , Vancouver, BC	WS 21: Glottic Cytes, Suici and Mucosal Bridges: The Difficult Family Introduction: K. Kost , Montreal, QC Speaker: N. Nerurkar , Mumbai, India	WS 22: Preparing Residents for Short-Term Surgical Trips Through Education in Global Surgery Moderator: B. Westerberg , Vancouver, BC; Panelists: J.P. Wiedermann , Rochester, MN, A. Shams Ortiz , San Antonio, TX, D. Nolan , Kijabe Clinic, Kenya	Papers: Head / Neck Surgery Chair: Dr. Han Zhang , Hamilton, ON LEARNING OBJECTIVES 1600-1605 Immune-cell Signature Predicts Survival in Human Papillomavirus-associated Head and Neck Cancer - P. Zheng, M. Cecchini, J. Barret, M. Shaikh, M. Khan, A. Nichols , London, ON 1605-1610 Development and Validation of the Modified Sarcopenia Index in Cancer Surgery - K. Semsar-Kazerooni, M. Mascarella , Montreal, QC 1610-1615 Oral Cavity Squamous Cell Carcinoma Tumor Center and Leading Edge have a Temporally Stable, Unique Microbiome Compared to Contralateral Normal Sites - H. Ziai , Toronto, ON, C. Thomas , Birmingham, AL, A. Heirali, M. Kulikova, J. de Almeida, D. Goldstein, P. Gullane, R. Gilbert, D. Chepeha, B. Coburn , Toronto, ON, 1615-1620 Quantifying the Prevalence of Thyroid carcinomas Containing a BRAF V600E Mutation at a High-volume Academic Centre in Montreal, Quebec: A Retrospective Chart Review - R. Szwimer, J. Silver, M. Pusztaszeri, M. Mlynarek, V. Forest, K. Richardson, N. Sadeghi, M. Hier , Montreal, QC 1620-1627 Discussion 1627-1632 Surgical margins of the oral cavity - Is 5mm Really Necessary? - J. Fowler, A. Warner, Y. Campanile, D. Palma, A. Nichols , London, ON 1632-1637 Transoral Robotic Surgery for Carcinoma of Unknown Primary - A Canadian Head and Neck Surgery Referral Center Experience - F. Alzahrani, D. MacNeil, A. Mendez, K Fung, J. Yoo, A. Nichols , London, ON 1637-1642 Evaluation of Machine Learning, Statistical, and the National Surgical Quality Improvement
LEARNING OBJECTIVES By the end of this session, participants will be able to: 1. Learn about the virtual otolaryngology CARMs application 2. Describe the daily life of an otolaryngology-head and neck surgery resident 3. Identify post-graduate employment opportunities within otolaryngology	LEARNING OBJECTIVES To understand • Etiopathogenesis of vocal fold cysts • Histopathology of cysts • Classifications of vocal fold sulci • Surgical options and challenges in managing sulcus • Types of mucosal bridges	LEARNING OBJECTIVES 1. Explore concepts of global surgery for the resident interested in short term surgical trips 2. Discuss the steps necessary to develop and execute short term global surgery trips for residents. 3. Discuss the downstream effects of global surgery education for residents.	

Program's Models to Predict Length of Stay After Major Oral Cavity Cancer Surgery - H. Ziai, A. Gabinet-Equihua, K. Deutsch, F. Rudzicz, W. Xu, s. Khalid, A. Eskander, J. Huang, J. de Almeida, Toronto, ON
1642-1649 Discussion

1700

Unaccredited Event

SUNDAY, SEPTEMBER 19, 2021

Virtual Session 1

Virtual Session 2

Virtual Session 3

Virtual Session 3

1030-1050
1050-1055
1055-1145

20-Minute Break / Non-Accredited Event
5-Minute Transition between Sessions

Women-in-Otolaryngology Meeting

Moderator: **D. MacNeil**, London, ON

The Dr. E.M. O'Connell Memorial Fund – D. O'Connell, Edmonton, AB

Racism in Medicine – A. Tan, Calgary, AB

Best of Posters

Chair: **Dr. Kevin Higgins**, Toronto, ON

- 1055-1056 Introduction
- 1056-1059 *Creation of E-Learning Opportunities in the Era of COVID-19: The Oto Approach, a New Otolaryngology - Head and Neck Surgery Podcast Designed for Medical Students* – K. Oxford, A. Feschuk, St. John's, NL, Y. Cheng, Toronto, ON, K. Hathi, Halifax, NS, H. Brennan, St. John's, NL, A.T. Pickett, Ottawa, ON, C. Chin, Saint John, NB
- 1059-1102 *Development of the In Vitro Progression Model of Anaplastic Thyroid Cancer Cells* – X. Dengc, M. Khan, M. Shaikh, P. Zheng, J. Yoo, K. Fung, D. MacNeil, J. Mymryk, J. Barrett, A. Nichols, London, ON
- 1102-1105 *Tendency for Long-term Opioid Use and Related Complications following tonsillectomy in a large population-based cohort* – M. Young-Speirs, A. Hinther, D. Randall, Calgary, AB
- 1105-1108 *Liquid Biopsy for Monitoring HPV-Related Head and Neck Cancer* – S. Ferrier, A. Zeitouni, N. Sadeghi, T. Tsering, J. Burnier, Montreal, QC
- 1108-1114 Discussion

Papers: **General OHNS / Endocrine Surgery**

Chair:

[LEARNING OBJECTIVES](#)

- 1150-1155 *Canadian Women in Otolaryngology - Head and Neck Surgery: How Does Career, Job Satisfaction and Advancement Differ by Gender Identity* - K. Naismith, K. Ioanidis, A. Dzioba, D. MacNeil, J. Paradis, London, ON, S. Nayan, Hamilton, ON, J. Strychowsky, E. Graham, London, ON
- 1155-1200 *Family, Fertility, and Lactation - The Experience of Canadian Otolaryngologists-Head and Neck Surgeons* – K. Naismith, K. Ioanidis, A. Dzioba, D. MacNeil, J. Paradis, S. Nayan, J. Strychowski, E. Graham, London, ON
- 1200-1205 *Gender Differences in Publication Rates at Canadian Society of Otolaryngology National Meetings* - D. Mavedatnia, Ottawa, ON, J. Payandeh, Kingston, ON, P. Neocleous, J. Davidson, J. Strychowsky, E. Graham, London, ON
- 1205-1210 *Gender Diversity in Leadership & Research: A 13-Year Review of the Annual Canadian Society of Otolaryngology Meetings* - G. Yi, S. Siu, M. Zirkle, Y. Chan, Toronto, ON
- 1210-1217 Discussion

Aerodigestive Endoscopy Course
Co-Directors: **P. Campisi**, Toronto, ON, **M. Felton**, Vancouver, BC, **L. Nguyen**, Montreal, QC, **Y. Chan**, Toronto, ON

Hybrid Event

- 1055-1145 Virtual session
- 1145-1240 Hands on in 3 location – Vancouver, Toronto, & Montreal

1114-1117 **Head and Neck Cancers with Adverse Pathological Features Carry Specific Molecular Changes Associated with Survival** – H. Kim, A. Sorgini, D. MacNeil, A. Mendez, J. Yoo, K. Fung, K. Patel, J. Barrett, A. Nichols, London, ON
 1117-1120 **Prevalence of Complementary and Alternative Medicine Use in Professional Voice Users** – A.J. MacDonald, P. Yu, K. Fung, London, ON

1120-11238 **Optical Clearing Agents for Optical Imaging Through Tympanoplasties: A Pre-clinical Feasibility Study** – J. Wang, G. Chawhary, X. Yang, F. Morin, M. Khalid-Raja, D. MacDougall, D. Morris, Halifax, NS
 1123-1128 Discussion

1128-1131 **The N-acetyl Cysteine in Established Hearing Loss in Guinea Pigs** – G. Gill, B. Blakley, Winnipeg, MB

1131-1134 **Fabrication of 3D Models for Microtia Reconstruction Using Smartphone-based Technology** – P. You, London, ON, Y. Liu, R. Silva, Houston, TX

1134-1137 **Navigation and non-navigation CT scan of the sinuses: Comparison of the effective doses of radiation in children and adults** – N. Villemure-Poliquin, J. Leclerc, M. Chretien, Quebec, QC

1137-1142 Discussion

1142-1145 **Wrap-up**

1217-1222 **Vitamin D Supplementation for Benign Paroxysmal Positional Vertigo: A Systematic Review** - X. Hong, M. Christ-Franco, D. Moher, D. Tse, D. Lelli, D. Schramm, L. Caulley, G. Kontorinis, Ottawa, ON

1222-1227 **Battle of the Axes: Simulation-based Assessment of Fine Needle Aspiration Biopsies for Thyroid Nodules** - S. Samargandy, J. Philteos, M. Manojlovic Kolarski, J. Xu, E. Monteiro, A. Vescan, Toronto, ON

1227-1232 **Mutational Status May Supersede Tumor Size in Predicting the Aggressiveness of Thyroid Cancer** – K. Semsar-Kazerooni, G. Morand, S. Da Silva, V. Forest, M. Hier, M. Pusztaszeri, M. Tamilia, R. Payne, Montreal, QC

1232-1237 **Gene Fusions Involving RET/PTC and THADA/IGF2BP3 in Thyroid Cancer** - G. Tali, T. Hudson, A. Payne, M. Pusztaszeri, V. Forest, M. Hier, R. Payne, Montreal, QC

1237-12454 Discussion

1145-1150
1150-1240

WS 23: Innovations in Head & Neck Reconstruction
 Participants: **K. Higgins**, Toronto, ON, **H. Seikaly**, Edmonton, AB, **J. de Almeida**, Toronto, ON

5-Minute Break / Unaccredited Events

Resident Session Starting Practice
 Moderators: **J. W. Lee**, **C. Li**, Toronto, ON; **G. Yi**, Toronto, ON, Panelists: **G. French**, Calgary, AB, **D. Lee**, Toronto, ON, **P. Dixon**, **B. van der Woerd**,

WS 24 Equity, Diversity & Inclusion Trans Health
 Moderator: **D. MacNeil**, London, ON
 Participants: **J. Ward**, Cambridge, ON, **R.J. Lin**, **P. Solomon**, Toronto, ON

London, ON, **C. Lane**, Winnipeg, MB,
D. Silber, M. Crowson, Wellesley, MA,
A. Ma, Sydney, Aus

LEARNING OBJECTIVES

1. Share the varied experiences of Senior residents/current fellows/new staff who have/will pursue fellowships in various subspecialties both in Canada and internationally.
2. Share the varied professional experiences of junior and mid-career staff across both academic and community practices in Canada

LEARNING OBJECTIVES

- 1) To learn how to create an environment where transgender patients can feel welcome.
- 2) To review how Otolaryngologists-Head and Neck Surgeons can better meet the health care needs of transgender patients.
- 3) To understand how to provide competent and compassionate care for patients of all gender identities.
- 4) To review gender-affirming laryngology and facial plastic surgical procedures

1240-1245

1245-1255

Closing Ceremonies – I. Witterick,
Toronto, ON

1255-1325

Annual Business Meeting (Zoom
Link) – I. Witterick, Toronto, ON

5-Minute Break / Unaccredited Events