



THE UNIVERSITY OF BRITISH COLUMBIA

Department of Surgery
Faculty of Medicine

WB & MH CHUNG LECTURESHIP AND RESEARCH DAY

November 7, 2022

ZOOM

ID 91770 392007

PASSCODE 392007

OR

IN PERSON

PAETZOLD AUDITORIUM

VANCOUVER GENERAL HOSPITAL



Research Day Schedule

Paetzold Lecture Theatre, VGH with Zoom Connections

8:00	Opening Remarks and Introductions	
8:15	<p>Chung Lecturer: Dr. Chad Ball, <i>Professor of Surgery and Oncology, University of Calgary</i> Surgical Innovation: Failure, Success, and Everything in Between</p>	
MORNING SESSION 1		
8-minute paper with 2-minute discussion		
9:15	MacNeill, Andrea	General Surgery P1 Defining Low-Carbon, High-Quality Kidney Care: Life Cycle Assessments of Kidney Transplant, Hemodialysis, and Peritoneal Dialysis
9:25	Heffernan, Austin	Otolaryngology P2 Carbon Savings Potential of Incorporating Virtual Care into the Management of Obstructive Sleep Apnea and Otitis Media with Effusion
9:35	Cherukupalli, Abhiram	Otolaryngology P3 Identifying Barriers to Care for Complex Airway Disease and Multidisciplinary Solutions to Optimize Therapy in Canada
9:50	Jump to Rapid Fire A schedule	RAPID FIRE Session A 1.5-Minute Talks
10:40	BREAK	
MORNING SESSION 2		
8-minute paper with 2-minute discussion		
10:55	Chang, Stephano	Neurosurgery P4 Spatiotemporal Mapping and Decoding of Oculomotor Control in Human Frontal Eye Fields
11:05	Liu, Alice	Otolaryngology P5 The Timing of Drain Removal in Parotidectomies: A Canadian Survey of Practice Patterns and Outcomes of Early Drain Removal at <4 Hours
11:15	Price, Joel	Cardiac Surgery P6 Long-term Outcomes of Arterial Conduit Configurations in Multiarterial Coronary Artery Bypass Grafting
11:25	Nazareth, Ashleigh	Pediatric Surgery P7 External Validation of the PRESTO Pediatric Model for Predicting In-Hospital Mortality from Traumatic Injury
11:35	Guo, Michael	General Surgery P8 Use of Dual Energy Computed Tomography vs. Conventional Modalities for Preoperative Localization in Primary Hyperparathyroidism: Effect of Preoperative Calcium and Parathyroid Hormone Levels
11:45	Amanian, Ameen	Otolaryngology P9 Automated Segmentation of the Eustachian Tube for Applications in the Management of Eustachian Tube Dysfunction – A Deep Learning Framework
11:55	Mousa-Doust, Dorsa	Otolaryngology P10 Functional and Aesthetic Outcomes of Radial Forearm Free Flap Closure using Split-Thickness Skin Graft vs Primary Closure (Hatchet flap)
12:05	Watanabe, Akie	General Surgery P11 Building a National Synoptic Operative Report for Thyroid Surgery
12:15	Mankowski, Peter	Plastic Surgery, Urology P12 Functional and Aesthetic Outcomes of the Use of Integra Following Free Radial Forearm Phalloplasty
12:25	Mankowski, Peter	Plastic Surgery, Urology P13 Barriers to Completing Pre-Operative Hair Removal for Penile Inversion Vaginoplasty
12:35	LUNCH	

12:45 [Jump to Rapid Fire B schedule](#)

RAPID FIRE Session B

1-Minute Talks

AFTERNOON SESSION

8-minute paper with 2-minute discussion

13:30 Arneja, Jugpal;
Schechter, Steven

Plastic Surgery

[P14](#) Do Delays Amidst a Surgical Slate Stimulate Speedup? Evidence from Operating Rooms

13:40 Barton, Anise

General Surgery

[P15](#) The Impact of Targeted Fee Increases on Gender Pay Disparity Between Female and Male General Surgeons in British Columbia

13:50 Deane, Emily

Otolaryngology

[P16](#) The Current Landscape of Insurance Coverage for Gender Affirmation Surgery in Canada

14:00 Zhang, Zach

Plastic Surgery

[P17](#) Impact of Medico-legal Complaint Amongst Canadian Plastic Surgeons

14:10 Heo, Kayoung

General Surgery

[P18](#) Creating Concise Reference Videos for an Essential Surgical Skills Training Program: A Médecins Sans Frontières-UBC Global Surgery Lab Collaboration

14:20 Hindi, Mathew

Pediatric Surgery

[P19](#) The Utility of Three-Dimensional Modeling and Printing in the Surgical Treatment of Pediatric Thoracoabdominal Tumors

Rapid Fire Session A

9:50 am – 10:40 am

1.5-minute talks

Paetzold Lecture Theatre, VGH with Zoom Connections

Abstract ID	Division	Presenting Author	Abstract Title
A1	General Surgery	Lie, Jessica	Psychological Impact of the COVID-19 Pandemic on Surgical Residents: A Canadian Province-Wide Survey
A2	General Surgery	Schweitzer, Christina	Appendiceal Neoplasm is Seven Times More Likely in Elective Appendectomies than in Emergency Appendectomies in Cases without Pre-operative Diagnosis of Neoplasm: A Review of >52,000 ACS NSQIP Cases
A3	General Surgery	Clement, Elizabeth	The Association Between Gender and Confidence in UBC General Surgery Residents
A4	Otolaryngology	Liu, Alice	The Role of Tracheostomies in Head and Neck Reconstructions: Evaluating a Decrease in Tracheostomy Practice for Free Flaps and Associated Complications
A5	Radiation Oncology	Dang, Alexa	Organ Perforation and Clinical, Dosimetric and Treatment Outcomes During Image Guided Cervix Brachytherapy
A6	General Surgery	Mashat, Abdullah	The Influence of Papillary Features on the Risk of Malignancy in Thyroid Nodules Diagnosed as Atypia of Undetermined Significance or Follicular Lesion of Undetermined Significance
A7	Vascular Surgery	Udwadia, Farhad	Post-Operative Complications After Carotid Endarterectomy for Free Floating Thrombus
A8	Vascular Surgery	Udwadia, Farhad	Practical and Ethical Challenges of Maintaining Vascular Access in Chronic Kidney Disease: Patient Perspectives
A9	Otolaryngology	Amanian, Ameen	The Evolution and Application of Artificial Intelligence in Rhinology: A State of the Art Review
A10	Otolaryngology	Amanian, Ameen	Unintended Side Effects of Electronic Cigarettes in Otolaryngology: A Scoping Review
A11	Cardiac Surgery	Rokui, Soroush	Long-Term Outcomes of Isolated Mechanical versus Bioprosthetic Mitral Valve Replacement in Propensity Matched Patients
A12	Radiation Oncology	Pritchard, Andrew	Long Term Toxicities of Adolescent and Young Adult Survivors of Cervix Cancer who underwent Radiation Therapy: A Cross-Sectional Analysis
A13	Neurosurgery	Rizzuto, Michael	Quality of Life in Patients Diagnosed with Moyamoya Disease: A cross-sectional study
A14	General Surgery	Spoyalo, Karina	Assessment of Environmental and Economic Sustainability of Peri-operative Patient Warming Strategies in Hospitals
A15	Plastic Surgery	Knight, Paige	Reporting on Postmastectomy Radiotherapy Protocols in Immediate Breast Reconstruction: A Systematic Review and Pooled Analysis
A16	General Surgery	Lalande, Annie	Evaluating the Impact of Increased After-Hours Access to Healthy and Low Carbon Food on the Wellness of General Surgery Residents: A Pilot Study

Rapid Fire Session B

12:45 pm – 13:30 pm

1-minute talks

Paetzold Lecture Theatre, VGH with Zoom Connections

Abstract ID	Division	Presenting Author	Abstract Title
B1	Otolaryngology	Abgoon, Reyhaneh	Are Acute Changes in Serum miRNA Expression Levels in Sudden Sensorineural Hearing Loss Patients Stable over Time?
B2	General Surgery	Alam, Armaghan	Non-operative Management for Rectal Cancer: Patient Perspectives
B3	Radiation Oncology	Chai, Brandon	Assessment of Online YouTube Videos on Radiotherapy for Breast Cancer
B4	Otolaryngology	Desai, Veeral	Mental Practice in Athletes, What Can Surgeons learn? : A Scoping Review
B5	Otolaryngology	Desai, Veeral	A Cut Above: A Scoping Review of Mentorship in Surgical Residency Training
B6	Branch for Global Surgical Care	Gray, Katherine	Harnessing the Power of Digital Health to Create Videos and an Online Curriculum for Management of Obstetrical Emergencies: Training Non-surgeon Physicians in Low-resource Settings
B7	Pediatric Surgery	Hindi, Mathew	The Categorization of Surgical Problems by Junior and Senior Medical Students
B8	Otolaryngology	Lee, Melissa	Assessing Hearing Disability and Health-Related Quality of Life in Profound Unilateral Sensorineural Hearing Loss (USNHL): A Systematic Review and Meta-Analysis
B9	Urology	O'Dwyer, Cormac	Vaginal Self-Lubrication Following Penile Inversion, Peritoneal, and Colonic Gender Affirming Vaginoplasty: A Physiologic, Anatomic, and Histologic Review.
B10	Pediatric Surgery	Song, Wendy	A Comparison of Operative and Anesthetic Techniques for Inguinal Hernia Repair in Infants
B11	Surgical Oncology	Alexis, Stephanie	Nutritional Adequacy and Environmental Impacts of the Retail Food Environment at Vancouver General Hospital
B12	General Surgery	Zivkovic, Irena	Update on the Evaluation of a Surgical Task-Sharing Program in South Sudan
B13	Pediatric Surgery	Wu, Dana	The Impact of Infection on Growth in Neonates with Intestinal Failure
B14	Vascular Surgery	McGillivray, Meghan	Impact of Hospital Transfer on Acute Limb Ischemia Outcomes and Time to Revascularization
B15	Otolaryngology	Heffernan, Austin	The Impact of the Unified Airway on Upper and Lower Airway Non-type 2 Inflammation: A State of the Art Review
B16	Otolaryngology	Heffernan, Austin	Vestibular Rehabilitation Potential of Commercially Available Virtual Reality Video Games
B17	Otolaryngology	Banyi, Norbert	Incidence and Risk Factors of Hypothyroidism Post-laryngectomy: A Systematic Review
B18	Neurosurgery	Ong, Kenneth	Location Pattern of Recurrence of WHO Grade 1 Meningiomas
B19	Urology	Kumar, Sahil	Serum Estradiol Levels Further Decrease After Bilateral Oophorectomy in Transmasculine Individuals on Testosterone Therapy
B20	Urology	Jung, Hoyoung	Pars Fixa Urethral Stricture Repair after Gender-Affirming Phalloplasty or Metoidioplasty: A Retrospective Review
B21	General Surgery	Pang, ZhaoKai	Qualitative Patient-Reported Outcomes Should Supersede Quantitative Scores after Curative Parathyroidectomy.
B22	Plastic Surgery	Sachal, Sukhmeet	Level of Evidence in High Impact Surgical Literature: The Way Forward
B23	Otolaryngology	Kwon, Jamie	Risk Factors for Complications following Reconstruction Surgery for Mandibular Osteoradionecrosis
B24	General Surgery	Lee, Debon	Bibliometric Analysis of Articles Published in the Journal of the American College of Surgeons Over 28 Years: A Changing Surgical Publication Focus
B25	Plastic Surgery	Raman, Karanvir	Implications of the COVID-19 Pandemic on Immediate Breast Reconstruction Access