

Department of Surgery Research Day Programme – 2018

8:15 – Salutations: Housekeeping – Michael Dunbar

Opening Remarks: Minister of Health – Honourable Randy Delorey

8:30 AM

Session I – Dr. Mark Taylor – Chair

Big Data Outcomes

Sam Jessula, Resident, CIP 8:30 AM

Where to Start? Injury Prevention Priority Scores in Canada

S. Jessula, M. Asbridge, R. Romao, R. Green, N.L. Yanchar

General Surgery

Connor McGuire, Medical Student 8:36 AM

Dog Bites in Children: A Descriptive Analysis

Connor McGuire, Alex Morzycki, Andrew Simpson, Jason Williams, Michael Bezuhly

Plastic Surgery

Ashley Drohan, Resident, CIP 8:42 AM

Real-World Impact of Laparoscopic Surgery for Rectal Cancer on Short-Term

Outcomes: A Population-Based Analysis

Ashley Drohan, Marius Hoogerboord, Paul Johnson, Gordon Flowerdew and Geoff Porter

General Surgery

Panel 5 Minute Q&A 8:48 AM

Shared Decision Making

Nadim Joukhadar, Resident 8:54 AM

The Impact of Delaying Breast Reconstruction on Patient Expectations and Health

Related Quality of Life: An Analysis Using the BREAST-Q

Nadim Joukhadar, A Morzycki, J Corkum, O Samargandi, Jason Williams and Simon Frank

Plastic Surgery

Amanda MacDonald, Medical Student 9:00 AM

Decisional Conflict and Shared Decision Making in Older Children and Parents

Considering Elective Pediatric Otolaryngology Surgeries

Amanda MacDonald, Jill Chorney, Paul Hong

Otolaryngology

Emma Wilson-Pease, Grad Student 9:06 AM

Frailty, As Measured By the FACT, Successfully Predicts Certain Adverse Outcomes

Following Cardiac Surgery

Emma Wilson-Pease, G. Kephart, R. Gainer, P. Moorhouse, L. Mallery, Greg Hirsch

Cardiac Surgery

Yolonda Evong, Medical Student 9:12 AM

*Examining Levels of Shared Surgical Decision Making in Paediatric Otolaryngology
Using the OPTION Scale*

Yolonda Evong, G. Ungar, J. Chorney, P. Hong
Otolaryngology

Devin Piccott, Resident 9:18 AM

Smoking Cessation: Do We Encourage Our Patients To Quit?

Devin Piccott, Matthew H. Rigby, S Mark Taylor, Jonathan Trites, Elias Hirsch & Robert Hart
Otolaryngology

Panel 5 Minute Q&A 9:24 AM

Medical Education

Connor McGuire, Medical Student 9:30 AM

Early Surgical Exposure for Medical Students: Efficacy and Effect on Choice of Electives

Connor McGuire, Todd Dow, Kit Moran, Dafydd Davies
Surgery

Jonathan Oore, Medical Student 9:35 AM

Designing a Novel Suturing Instructional Video for Medical Students

Jonathan Oore, Michael Vaculik, Braydon Connell, David Tang
Plastic Surgery

Ayoub Dakson, Resident 9:40AM

Operative Landscape at Canadian Neurosurgery Residency Programs

Ayoub Dakson, MK. Tso, et al. Sean Christie (Canadian Neurosurgery Research
Collaborative –CNRC)
Neurosurgery

Todd Dow, Medical Student 9:45 AM

Application Rates to Surgical Residency Programs in Canada

Connor McGuire, Todd Dow, Emma Crawley, Dafydd Davies
Surgery

Panel 5 Minute Q&A 9:50 AM

BREAK

10:15 AM

Session II - Dr. Christine Herman, Chair

New Techniques

Group I

Jordan Eng, Resident 10:15 AM

Pneumatic Balloon Dilation for Palliation of Recurrent Symptoms of Achalasia after Esophagomyotomy

Jordan Eng, RD Stewart, J. Hawel, Daniel French and James Ellsmere
General Surgery

Logan Atkinson, Medical Student 10:20 AM

Paravertebral Catheters and Post-Operative Analgesia following Open Abdominal Aortic Aneurysm Repair

Logan Atkinson, S. Jessula, S. Stewart, K. Kwofie, M. Lee, M. Smith, P. Casey, Christine Herman
Vascular Surgery

Ahmed Al-Hussain, Clinical Fellow 10:25 AM

Arthroscopic Treatment for Posterior Shoulder Instability with Posterior Glenoid Bone Loss Using Distal Tibia Allograft Augmentation- Short Term Outcomes

Ahmed Al-Hussain and Ivan H Wong
Orthopaedics

David Forner, Resident 10:30 AM

Oncological and Functional Outcomes Following Transoral Laser Microsurgery in Patients with T2a vs T2b Glottic Squamous Cell Carcinoma

David Forner, M. Rigby, R. Hart, JR Trites, S Mark Taylor
Otolaryngology

Panel 5 Minute Q&A 10:35 AM

Group 2

Jonathan Melong, Resident 10:41 AM

A Novel Technique for Superficial Parotidectomy Associated with Improved Outcomes

Jonathan Melong, B Williams, A Butler, MH Rigby, RD Hart, JR Trites, S Mark Taylor
Otolaryngology

Todd Dow, Medical Student 10:46 AM
The Reduction of Heterotopic Ossification Incidence Following Hip Arthroscopy In Patients Treated with Celecoxib
Todd Dow, JP King, G Swagata and Ivan Wong
Orthopaedics

Ayham Al Afif, Resident 10:51 AM
Outcomes of Transmastoid Resurfacing for Superior Canal Dehiscence Using a Cartilage Overlay Technique
Ayham Al Afif, Robert Farmer, Manohar Bance
Otolaryngology

Panel 5 Minute Q&A 10:56 AM

Retrospective Review

Group 1

Peter Horwich, Resident 11:02 AM
Intraoperative Margin Analysis and Outcomes in Surgically Treated T1-T2 Oral Cavity and Oropharyngeal Squamous Cell Carcinoma
Peter Horwich, RD Hart, S.M. Taylor, JR Trites, M Bullock, B Williams, C MacKay, Matthew Rigby
Otolaryngology

Allison Keeping, Medical Student 11:07 AM
Surveillance of TEM Resected Lesions: Are We Being Diligent Enough?
Allison Keeping, P Johnson, C Kenyon, Katerina Neumann
General Surgery

Laura Allen, Medical Student 11:12 AM
The Role of Repeat Fine Needle Aspiration Cytology in Improving the Diagnostic Accuracy of Thyroid Masses
Laura Allen, A Al Afif, MH Rigby, MJ Bullock, JR Trites, SM Taylor, Robert D Hart
Otolaryngology

Panel 5 Minute Q&A 11:17 AM

Group 2

Usman Khan, Medical Student 11:24 AM
Patient and Tumor Factors Associated with Distant Metastasis in Thyroid Cancer
Usman Khan, A Al Afif, JRB Trites, MH Rigby, SM Taylor, M Bullock, M Rajaraman, A Imran, Robert D Hart
Otolaryngology

Ashley Robinson, Medical Student 11:29 AM
*Predicting the Need for Re-Excision Surgery after Breast-Conserving Surgery
Among Patients with Invasive Cancer With or Without Associated DCIS in the Era
of SSO-ASTRO Guidelines*
Ashley Robinson, A. Drohan and Lucy Helyer
General Surgery

Emily Gray, Medical Student 11:34 AM
*Carcinoma ex Pleomorphic Adenoma in Nova Scotia: Prognostic Indicators and
Survival Rates*
Emily Gray, A Al Afif, Robert Hart, Martin Bullock
Otolaryngology

Colin MacKay, Research Technician 11:39 AM
Outcomes of N3 Head and Neck Squamous Cell Carcinoma
Colin MacKay, B Williams, A Ahrari, RD Hart, SM Taylor, JRB Trites, Matthew H Rigby
Otolaryngology

Panel 5 Minute Q&A 11:44 AM

LUNCH

Bethune Lecture

*Dr. Alice Aiken
Vice President Research
Dalhousie University*

1:30 PM

Session III – Dr. David Hoskin, Chair

Cell Biology

Rafaela Andrade-Vieira, Postdoctoral Fellow 1:30 PM
NCK Proteins Contribute To Muscle Development and Function
Rafaela Andrade-Vieira, M Qi, C Milligan, V Rafuse, Y Zhang and James P. Fawcett
Neuroscience

Alison Gareau, Postdoctoral Fellow 1:36 PM
Ticagrelor Inhibits Platelet-Tumor Cell Interactions and Metastasis in Human and Murine Breast Cancer
Alison J. Gareau, C Brien, S Gebremeskel, R Liwski, B Johnston, Michael Bezuhly
Plastic Surgery

Kathleen Attwood, Postdoctoral Fellow 1:42 PM
Targeting Stress Granule Dissolution with Raloxifene Alters Translation of Known GBM Oncogenes and Promotes Cell Death
Kathleen Attwood, A Robichaud, A Balgi, M Roberge, C McCormick, Adrienne Weeks
Neurosurgery

Antonios Diab, PhD Student 1:48 PM
The Adaptor Protein Nck1 is an Important Regulator of Anxiety
Antonios Diab, C Milligan, M Qi and James Fawcett
Neuroscience

Panel 5 Minute Q&A 1:54 PM

BioMechanics

Group A

Jennifer Hurry, Research Engineer 2:00 PM
Total Knee Arthroplasty RSA in the Standing Low-Dose Biplanar EOS X-ray Imager
Jennifer Hurry, Saad Rehan, Alan Spurway, Michael Dunbar and Ron El-Hawary
Orthopaedics

Abdihamid Abdihalim, Medical Student 2:06 PM
MR-Arthrogram vs X-Ray and Physical Exam for the Diagnosis of Labral Tear in Patients Presenting with Hip Pain
Abdihamid Abdihalim and Ivan Wong
Orthopaedics

Kathryn Young, Graduate Student 2:12 PM
Patients Speak the Truth: Patients Who Self-Report Poor Improvements in Pain and Function After TKA Do Not Demonstrate Objective Functional Improvement During Gait
Kathryn L. Young, Michael Dunbar, Janie L. Wilson
Biomedical Engineering

Alison Wong, Resident 2:18 PM
The Effect of Padded Adhesive Dressings and Body Position on Sacral Interface Pressure
Alison L. Wong, M Seu, D Bhat, M Nojoomi, Michael W, Justin M. Sacks
Plastic Surgery

Panel 5 Minute Q&A 2:22 PM

Group B

Elise Laende, PhD Student 2:28 PM
Long-Term Measures of Implant Fixation in Cemented and Uncemented Total Knee Arthroplasty
Elise Laende, Janie Astephen Wilson, Joanna Mills Flemming, Michael Dunbar
Biomedical Engineering

Abeer Kalendar, Resident 2:34 PM
Three-Dimensional Anatomical Study of the Tensor Fasciae Latae Perforator Flap
Abeer Kalendar and Steven Morris
Plastic Surgery

Danielle Lowe, Resident 2:40 PM
Analysis of the Tensile Patterns of the Anterior Talofibular and Calcaneofibular Ligaments during Three-Dimensional Motion
Danielle Lowe, M Glazebrook, Y Takeuchi, M Takao, X M Oliva, T Yamazaki, Maya Kubo, K Matsui, S Ozeki
Orthopaedics

Matthew Baker, Graduate Student 2:46 PM
*The **Knee Osteoarthritis Walking Score**: A Clinical Evaluation Tool for Knee Osteoarthritis*
Matthew Baker, J Moreside, Glen Richardson, Nathan Urquhart, William Stanish, Derek Rutherford
Biomedical Engineering

Panel 5 Minute Q&A 2:51 PM

BREAK

3:20 PM

Session IV – Dr. Glen Richardson, Chair

Clinical Trials

Kevin Morash, Resident 3:20 PM
VEPTR Treatment of Early Onset Scoliosis (EOS) in Children without Rib Abnormalities: Long-Term Results of a Prospective, Multicenter Study
Ron El-Hawary, Kevin Morash, M Kadhim, M Vitale, J Smith, A Samdani, J Flynn;
Children's Spine Study Group
Orthopaedics

Victoria Kuta, Medical Student 3:26 PM
Management of Head and Neck Primary Unknown Squamous Cell Carcinoma using Combined PET-CT and Transoral Laser Microsurgery
Victoria Kuta, B Williams, M Rigby, R Hart, J Trites, C MacKay, S. Mark Taylor
Otolaryngology

Yaesh Sardiwalla, Medical Student 3:32 PM
The Success of Minimally Invasive Punch Technique for Percutaneous Bone Anchored Hearing Devices – Long Term Follow Up and Direct Cost Analysis
Yaesh Sardiwalla, Nicholas Jufas, David P. Morris
Otolaryngology

Ahmed Jad, Resident 3:38 PM
Digital Air Leak Monitoring for Patients Undergoing Lung Resection: A Randomized Controlled Clinical Trial
Madelaine Plourde, Ahmed Jad, P Dorn, K Harris, A Mujoomdar, H Henteleff, D French, Drew Bethune
Thoracic Surgery

David Forner, Resident 3:44 PM
Prevalence of Spatial Processing Disorder and Remediation in Children with Cleft Palate
David Forner, J MacDonald, O Meehan, M Bezuhly, M Comeau, S Aiken, Paul Hong
Otolaryngology

Panel 5 Minute Q&A 3:50 PM

Meta Analysis

Kaitlin Boehm, Resident 3:56 PM
Iliac Crest Bone Graft Donor Site Morbidity in Craniofacial Surgery: A Systematic Review
Kaitlin Boehm, MT Al-Taha, A Morzycki, O Samargandi, SA Al-Youha, Martin LeBlanc
Plastic Surgery

Mark Hanes, Research Assistant 4:01 PM
BCG-Biotherapy for Melanoma Patients Resistant To IL-2-Immunotherapy
Mark R. Hanes, Michael A. Giacomantonio, Carman A. Giacomantonio
General Surgery

Alex Morzycki, Medical Student 4:06 PM
Reporting Adverse Events in Plastic Surgery: A Systematic Review of Randomized Controlled Trials
Alexander Morzycki, A Hudson, O Samargandi, M Bezuhly, Jason G. Williams
Plastic Surgery

Panel 5 Minute Q&A 4:11 PM

Closing Remarks 4:17 PM

FIN

4:30 PM Cocktail Hour
5:00 PM Announcement of Winners



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