



DIVISION OF PLASTIC, RECONSTRUCTIVE & AESTHETIC SURGERY

RESEARCH SYMPOSIUM

Friday, February 19th 2021

7:30 am – 11:30 AM EST

Join Zoom Meeting:

<https://scotiaevents.zoom.us/j/89654315311?pwd=YkpaazBIYS9rU3hTWEdyNmxqaENaUT09>

Meeting ID: 896 5431 5311

Passcode: 364288

Dial by your location: Find your local number: <https://scotiaevents.zoom.us/j/89654315311?pwd=YkpaazBIYS9rU3hTWEdyNmxqaENaUT09>

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Instructions for Virtual Symposium:

- a. All cameras must be off and microphones must be muted during the research day presentations (except for the Moderators and Presenters). Pre-recorded talks will take place during assigned moderated sessions with a specific time allotment for Q&A. During the talks, questions can be submitted by the audience via chat room. Questions will be selected by each moderator on behalf of the audience.
- b. Each faculty member participating in today's symposium will be required to complete a Faculty Ballot for Resident Awards (circulated separately). Award ballots should be sent to Dr. Davidge at the end of the last presentation by email (kristen.davidge@sickkids.ca) or text (647-292-9070)
- c. Two resident research day awards will be announced at the very end of today's symposium (generously donated by both J&J & Allergan).
- d. An electronic evaluation will be circulated to all registered participants following the conclusion of the symposium.
- e. CME credits will be awarded to faculty who have registered for today's symposium.

(Recognition of Two Corporate Sponsors: Allergan and J&J)

7:30-7:45 WELCOME REMARKS (Dr. Chris Forrest & Dr. Kristen Davidge)		
Session 1 (Moderator – Dr. Melinda Musgrave)		
7:45-7:48	Moaath Saggaf (SSTP)	The Impact of COVID-19 on the Surgical Wait Times for Plastic and Reconstructive Surgery in Ontario
7:48-7:51	Tomas Saun (PGY4)	A Deep Neural Network Model for Predicting Operative versus Nonoperative Treatment of Distal Radius Fractures from Radiographs
7:51-7:54	Josephine D’Abbondanza (PGY3)	Health Literacy Awareness and Use of Universal Measures of Support Among Surgeons
7:54 - 8:04		Discussion
Hot Research Topics – Artificial Intelligence		
8:05-8:20	Dr. Devin Singh & Dr. John Phillips	Triaging Craniosynostosis With 3D Photography and Deep Neural Network Models
8:20-8:25		Discussion
Session 2 (Moderator – Dr. Allan Rogers)		
8:26-8:29	David Wallace (PGY5)	Quality Improvement Interventions in Burn Care: Development of A Novel Assessment Tool and Systematic Review
8:29-8:32	Natalia Ziolkowski (PGY4)	Impact of Cannabis Legalization and Pain Guidance Adherence in the Acute Burn Patient
8:32-8:35	Whitney Quong (SSTP)	The Effect of Scars on Body Image - A Systematic Review and Meta-Analysis
8:35-8:45		Discussion
Session 3 (Moderator – Dr. Karen Wong)		
8:46-8:49	Melissa Roy (PGY5)	Evaluation and Optimization of the Craniosynostosis Triage Pathway
8:49-8:51	Mona Al-Taha (SSTP)	Mixed Reality Technology For Surgical Training: A Cleft Lip Surgical Simulator
8:51-8:54	Karen Chung (SSTP)	Cleft Lip and Palate Patient Preferences for Utility-Based Health Related Quality of Life in Ethiopia : A Dual-Center Cross-Sectional Study
8:54-9:04		Discussion
Early Career Award Recipient 2020		
9:05-9:15	Dr. Jana Dengler	Dissemination and Implementation Science in Plastic Surgery: Improving Access to Upper Limb Reconstruction in Cervical Spinal Cord Injury
9:15-9:20		Discussion
9:20-9:45	BREAK	
Session 4 (Moderator – Dr. Siba Haykal)		
9:46-9:49	Steve Hanna (PGY4)	Optimizing Success in Scalp Replantation for Total Scalp Avulsion Injuries: A Systematic Review

9:49-9:52	Mawaddah Alrajaji (PGY3)	A Multidisciplinary Approach to Breast Reconstruction Free Flap Salvage: A Systematic Review and Management Algorithm
9:52-9:55	Chantal Valiquette (PGY1)	Can We Reach A Consensus On The Appropriate Use Of Before And After Photos In Breast Surgery?
9:55-10:05		Discussion
Session 5 (Moderator – Dr. Jana Dengler)		
10:06-10:09	Kevin Zuo (PGY4)	Outcomes of Pediatric Dynamic Facial Reanimation after Two Decades
10:09-10:12	Mark Shafarenko (PGY2)	Conjoined Twin Separation – Review of 30-Year Case Experience and Lessons Learned
10:12-10:15	Annie Wang (PGY3)	Can You Wiggle Your Ears: A Crowd-Sourced Survey Using Amazon's Mechanical Turk
10:15-10:25		Discussion
Session 6 (Moderator - Dr. Kristen Davidge)		
10:26-10:29	Peter Qi (PGY4)	Early Post-operative Complications Following Nerve Transfer in Persons with Tetraplegia
10:29-10:32	Syena Moltaji (PGY2)	Nerve Transfer Surgery: Information Sharing in Spinal Cord Injury Online Communities
10:32-10:35	Katie Hicks (PGY2)	Effect of Surgery Delay on Outcomes after Nerve Transfer to Restore Elbow Flexion
10:35-10:38	Grace Kim (PGY2)	Review Of The Referral Patterns Of Complex Peripheral Nerve Injuries To A Specialized Clinic In Ontario
10:38-10:50		Discussion
Hot Research Topics – Innovation		
10:50- 11:00	Dr. Karen Cross	Seeing Beyond Visual Boundaries: Innovation in Plastic Surgery
11:00-11:05		Discussion
11:05-11:15 AWARDS PRESENTATION AND CONCLUDING REMARKS		

For technical difficulties, please contact:

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