



CANADIAN SOCIETY OF PLASTIC SURGEONS
74th Annual Meeting and 2nd Virtual Scientific Program
June 2021
ALL TIMES ARE EASTERN DAYLIGHT

JUNE 14		JUNE 17		JUNE 21	
18:30	WELCOME AND INTRODUCTION	18:30	INTRODUCTION	18:30	INTRODUCTION
18:35	Educational Foundation Symposium <i>Primary breast augmentation</i> Dr. Nick Carr, Dr. Mathew Mosher	18:35	TIPS & PEARLS: How to retire – a primer for plastic surgeons, Dr. A. Thoma	18:35	Challenge Mug Winners <i>Video playback</i>
		18:50	GAM CANADA <i>Invited speakers: Dr. Tommy Tung & Dr. Amy Moore</i>	18:40	Canadian Expert: <i>Breaking Down Competence by Design</i> – Dr. Doug Ross Canadian Expert: <i>Management of Orbital Fractures</i> – Dr. Ramon Grover
19:50	CSPS Program Awarded presentations	20:05	Beyond the Knife Deep, transformative, and tax efficient(ish), Dr. Rob Harrop Sovereign Order of St. John of Jerusalem Knights Hospitaller: Past, present and Future, Dr. Nancy Van Laeken	19:20	CONCURRENT SESSION A: Forum for the Advancement of Craniofacial Expertise - FACE
				19:20	CONCURRENT SESSION B: Canadian Society for Surgery of the Hand - CSSH <i>Invited speaker: Dr. Bauback Safa</i>
20:30	BREAK	20:30	BREAK	20:30	BREAK
20:45	Canadian Expert: <i>Advances in the Management of Malignant Melanoma</i> – Dr. Claire Temple-Oberle	20:45	A.W. Farmer Lecture: <i>Prevention and management of abdominal donor site complications</i> – Dr. Ron Israeli	20:45	YOUNG PLASTIC SURGEONS <i>Masters of Disasters panel</i>
	Canadian Expert: <i>Current Trends in the Surgical Treatment of the Aging Face</i> – Dr. Greg Waslen	21:15	Challenge Mug <i>hosted by McMaster University</i>		
21:35	Ross Tilley Lecture & Award				
21:45	CLOSE	21:45	CLOSE	21:45	CLOSE

The program will include live discussion/question and answer with speakers

This event is an Accredited Group Learning Activity (Section 1) as defined by the Maintenance of Certification Program of the Royal College of Physicians and Surgeons of Canada, and approved by Continuing Professional Development, Dalhousie University. You may claim a maximum of **9.0 hours total** [3.0 hours for June 14; 3.0 hours for June 17; and 3.0 hours for June 21]. (credits are automatically calculated).

Through an agreement between the Royal College of Physicians and Surgeons of Canada and the American Medical Association, physicians may convert Royal College MOC credits to **AMA PRA Category 1 Credits™**. Information on the process to convert Royal College MOC credit to AMA credit can be found at www.ama-assn.org/go/internationalcme.

In keeping with CMA Guidelines, program content and selection of speakers are the responsibility of the planning committee. Support is directed toward the costs of the course and not to individual speakers.

CANADIAN SOCIETY OF PLASTIC SURGEONS 2021 ONLINE SCIENTIFIC PROGRAM

GENERAL SESSION

- 01** Psychometric Validation of the FACE-Q Craniofacial Module for Facial Nerve Paralysis
A Klassen, C Rae, L Gallo*, K Wong, S Cano, A Pusic
Hamilton, ON
- 02** Patient-reported quality of recovery after local anesthesia and brachial plexus block in hand surgery: a prospective randomized controlled study
F Meng*, A Baradaran, M Mojtahed Jaberi, M Luc, L Xu, S Thibaudeau
Toronto, ON
- 04** Effect of Surgery Delay on Outcomes after Nerve Transfer to Restore Elbow Flexion
K Hicks*, J Haas, M Saggaf, A Kiss, J Dengler
Toronto, ON
- 05** The volume of perioperative fluids in microsurgical free flap surgery: a retrospective study
M Bonapace-Potvin*, N Guérard-Poirier, A Govshievich, E Saleh, D Tremblay
Montréal, QC
- 06** The Global Registry of Adverse Clinical Events (GRACE): A prospective, multicenter, observational, cohort study investigating the safety of aesthetic injectables
K Enright*, A Nikolis, J Sampalis
Westmount, QC
- 07** Reporting outcomes and outcome measures in thumb carpometacarpal joint osteoarthritis: A systematic review
A Copeland*, L Gallo, DE Axelrod, M Gallo, J Murphy, A Thoma
Hamilton, ON
- 08** Exploring breast surgeons' reasons for women not undergoing immediate breast reconstruction
A Matkin*, J Redwood, C Webb, C Temple-Oberle
Edmonton, AB
- 09** Impact of the COVID-19 pandemic on the wellness of Canadian Plastic Surgery residents: A survey of program directors and residents
C Wong*, S Moltaji, K Cross, K Wanzel
Richmond Hill, ON
- 10** Lymphaticovenous anastomosis and vascularized lymph node transfer for the treatment of lymphoedema? a single center case series
M Bonapace-Potvin, E Lorange*, M-P Tremblay-Champagne
Montréal, QC
- 11** Outcomes of immediate breast reconstruction in triple negative breast cancer: A propensity-score matched analysis
E Grigor*, M Stein, A Arnaout, B Ghaedi, T Ramsay, J Zhang
Ottawa, ON
- 12** Enhanced recovery after surgery (ERAS) in autologous breast reconstruction: A pilot randomized controlled trial
B Chin*, S Voineskos, C Coroneos, R Avram, M McRae, C Bos, A Thoma, M Simunovic
Hamilton, ON
- 13** SMART assessment tool: An innovative approach for objective assessment of local flap designs in facial reconstruction
M Jaberi*, J Abi-Rafeh, Y Chocron, D Zammit, B Al-Halabi, M Gilardino
Montréal, QC

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- 14 Beware the boxer's fracture imposter: Where does the metaphysis end and diaphysis begin?
C DeBiasio*, **E Sucha**, **R Webster**, **S Tse**, **K Cheung**
Amherstburg, ON
- 16 Experience in a single practice with explantation of textured surface breast implants: indications and procedure selection
M Noland*, **M Brown**, **S Eardley**, **J Schacter**
Gatineau, QC
- 17 Assessing the nasal midline in rhinoplasty: how good are we?
J DeSerres*, **Z Fishman**, **C Whyne**, **J Fialkov**
Edmonton, AB
- 18 Oncoplastic Breast-Conserving Surgery Versus Lumpectomy: An Analysis of Surgical Complications and Oncological Outcomes in 633 Breast Cancer Patients
S Mowakket*, **M Stein**, **B Ghaedo**, **J Zhang**
Brampton, ON
- 19 The burden of plastic surgery disease in Canada: a perspective based on the 2019 Global Burden of Disease study
Y Sardiwalla*, **E Price**, **AC Bridgman**, **S Voineskos**
Halifax, NS
- 20 Breast implant related adverse events during mammography: An assessment of the FDA MAUDE database
S Normandin*, **T Safran**, **J Abi-Rafeh**, **P Davison**, **S Winocour**, **J Vorstenbosch**
Stoke, QC
- 21 Impact of COVID-19 on plastic surgery training in Canada. A national survey
S Al-Shaqsi*, **M Zaidman**, **C Yeung**, **C Novak**, **J Dengler**
Toronto, ON
- 22 Use and financial feasibility of small size human acellular dermal matrix in the prevention of recurrent capsular contracture in revision aesthetic breast surgery
J Winter*, **A Islur**
Winnipeg, MB
- 24 An anatomical study of the musculocutaneous nerve and relevance in nerve transfer surgery
Saleh, E, **N Oiknine***, **D Grabs**, **JC Lin**
Montréal, QC
- 25 Accuracy of natural language processing in breast cancer outcomes research : A pilot study for algorithm development and validation in synoptic reports
V Zou*, **Y Chen**, **S Yuan**, **Z Hollander**, **R Ng**, **K Isaac**
Vancouver, BC
- 26 Can we reach a consensus on the appropriate use of before and after photos in breast surgery?
C Valiquette*, **R Somogyi**, **E Ho**, **C Forrest**, **L Kasrai**, **K Wanzel**
Kingston, ON
- 28 Nipple sparing mastectomy in the ptotic breast: A systematic review of outcomes in single-stage skin reducing nipple sparing mastectomy techniques
DH Nepon*, **T Safran**, **S Winocour**, **T Dionisopoulos**, **P Davison**, **J Vorstenbosch**
Montréal, QC
- 29 Patient reported outcomes in gender affirmation chest surgery: A systematic review
M Heyns*, **N Jacox**, **C Nicholas**, **C Temple-Oberle**
Calgary, AB

RESIDENTS CORNER

- 30 Strategies to Optimize Functional Recovery in a Distal Nerve Transfer
J-L Senger*, **K Rabey**, **J Olson**, **M Morhart**, **M Chan**, **CA Webber**
Edmonton, AB
- 31 Tissue engineered nerve graft for the repair of peripheral nerve gap
O Larrivé*, **R Rinfret-Paquet**, **A Thibodeau**, **T Galbraith**, **H Khuong**, **F Berthod**
Québec, QC
- 32 Perineal reconstruction following abdominoperineal resection or multivisceral resection for cancer: A retrospective study
R Rinfret-Paquet*, **C Morier-Gxoyiya**, **P Bouchard**, **S Drolet**, **C Roberge**, **C Beaudoin-Cloutier**
Québec, QC
- 33 Medico-legal closed case trends in Canadian Plastic Surgery
Z Zhang*, **L Calder**, **PJ Fingestone**, **R Liu**, **M Bucevska**, **J Arneja**
Vancouver, BC
- 34 Analgesic prescribing patterns and predictors of higher analgesic requirements among patients with burn injuries
C Yeung*, **A Kiss**, **S Rehou**, **S Shahrokhi**
Toronto, ON
- 35 Prospective Long-term Analysis of Patient-reported Digital Replantation Outcomes from a Single Quaternary Trauma Center
JX Zhang*, **Z Zhang**, **VZ Zou**, **SG Bristol**, **SA Macadam**, **KV Isaac**
Vancouver, BC
- 36 Introducing automation in virtual surgical planning for unicoronal craniosynostosis
ER Robertson*, **G Louie**, **P Kwan**, **P Boulanger**, **D Aalto**
Edmonton, AB
- 37 A Novel Plastic Surgery Residency Bootcamp: Structure and Utility
V Gervais*, **GE Salib**, **E Bougie-Richardson**
Trois-Rivières, QC
- 38 Examining breastfeeding policies for surgical residents across Canada
N Ziolkowski*, **L Rogowsky**, **J Innis**, **A Grant Buechner**, **E Springall**, **J Dengler**
Toronto, ON
- 39 Upper extremity agonist-antagonist myoneural interface improves force matching accuracy compared to standard transradial amputation
R Gudimella*, **R Adamson**, **Y Pan**, **D Tang**
Halifax, NS
- 40 The effect of flexor digitorum profundus repair position relative to Camper's Chiasm on tendon loads and work of flexion
E Mitchell*, **M Haddara**, **L Ferreria**, **J Gillis**
London, ON
- 41 Interfascicular Anatomy of the Motor Branch of the Ulnar Nerve: A Cadaveric Study
S Chambers*, **K Wu**, **C Smith**, **R Potra**, **LM Ferreira**, **J Gillis**
London, ON
- 42 Outcomes of Pediatric Dynamic Facial Reanimation after Two Decades
K Zuo*, **M Heinelt**, **E Ho**, **G Borschel**
Toronto, ON

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- 43 Conjoined Twin Separation ? Review of 30-Year Case Experience and Lessons Learned
M Shafarenko*, **RM Zuker**
Toronto, ON
- 44 Health utilities from children with cleft lip and/or palate in Ethiopia: A cross sectional study
K Chung*, **Gebretekle**, **M Eshete**, **A Howard**, **E Pullenayegum**, **C Forrest**, **S Beate**
Toronto, ON
- 45 Novel application of a surgeon-operated clysis delivery system in burn surgery
A Morzycki*, **PO Kwan**, **EE Tredget**, **J Wong**
Halifax, NS
- 46 A comparison of aesthetic versus reconstructive patient responses to a Breast Implant Associated Anaplastic Large Cell Lymphoma information campaign
J Lichtenstein*, **S Frank**, **H Silverman**, **K Boyd**
Ottawa, BC
- 48 Comparing facial growth in patients treated with active and passive presurgical orthopedic devices
K Garland*, **M Coyle**, **T Foley**, **D Matic**
London, ON
- 49 Health literacy awareness and use of universal measures of support among surgeons
J D'Abbondanza*, **M Roy**, **K Okrainec**, **C Novak**, **H von Schroeder**, **S McCabe**
Toronto, ON
- 50 Growing demand: An analysis of plastic surgery workload in a Canadian training program over 11 years
A Battiston*, **A Morzycki**, **M Curran**, **B Ball**, **H Power**
Edmonton, AB
- 51 Utility of the LeFort I Osteotomy in the Acute Management of Midface Trauma
K Nickel*, **J Deserres**, **G Louie**
Edmonton, AB
- 52 Patient and Surgeon Preferences to Access and Timing to Breast Reconstruction Consultation and Surgery
JB Lichtenstein, **J Malone**, **L Halyk***, **E Gallitto**, **M Stein**, **T Tse**, **A Arnaout**, **J Zhang**
Ottawa, ON
- 53 Cost analysis of decreased operating room times at a single high-volume head and neck reconstruction centre
WK Fraser Hill*, **J Redwood**, **A Hatchell**
Calgary, AB
- 54 Piezosurgery versus conventional cutting techniques in craniofacial surgery: A systematic review & meta-analysis
C McGuire*, **C Boudreau**, **N Prabhu**, **P Hong**, **M Bezuhly**
Halifax, NS
- 55 Opioid prescribing patterns in Plastic Surgery for same-day breast surgery: Development and implementation of a quality improvement initiative
N Cormier*, **E Grigor**, **M Momtazi**
Ottawa, ON

GENERAL POSTER SESSION

- GP01** Methodological and reporting quality of economic evaluations in hand and wrist surgery: A systematic review
K Uhlman*, **A Miroshnychenko**, **E Duku**, **F Xie**, **A Thoma**
Hamilton, ON
- GP02** The use of telemedicine for initial consultation and triage of hand trauma patients: A systematic review
B Grue*, **T Dow**, **K AlGhanim**, **M Wheelock**
Halifax, NS
- GP03** The benefit of online information sessions on medical student residency perspectives: A trans-Canadian survey study
V Sebag*, **Y Chocron**, **D Zammit**, **S Thibaudeau**
Montréal, QC
- GP04** Need for speed: investigating publication times and impact factors of Plastic Surgery journals
S Chawla*, **S Shelly**, **R Phord-Toy**, **F Khosa**
Vancouver, BC
- GP05** Thumb MCP dislocations in children: more benign than previously thought?
K Et-Tahiry
Gatineau, QC
- GP08** Comparing Post-Surgical Outcomes of Pre-Pectoral versus Dual-Plane Direct-to-Implant Breast Reconstruction Without Increasing the Use of Acellular Dermal Matrix
R Patel*, **R Somogyi**
Kingston, ON
- GP09** Volar plate avulsion fracture in children
H Nessek*
Ottawa, ON
- GP11** Is orbicularis oculi muscle resection necessary in upper blepharoplasty?: A systematic review
OA Samargandi, **N Prabhu***, **C Boudreau**, **J Williams**
Halifax, NS
- GP12** Patient-reported outcome measures in management of paediatric traumatic fingertip injuries using skin glue or sutures: a comparative study before and during the COVID-19 pandemic
A Singal*, **MI Chew**, **J Choong**, **A Jester**
Birmingham, UK

RESIDENTS POSTER CORNER

- RP01** Acrometastasis to the hand: A systematic review and meta-analysis of 641 cases
T Dow*, **C Davis**, **J Williams**
Halifax, NS
- RP02** Review of the referral patterns of complex peripheral nerve injuries to a specialized clinic in Ontario
GY Kim*, **P Binhammer**, **J Dangler**
Toronto, ON
- RP03** Early post-operative complications following nerve transfer in persons with tetraplegia
P Qi*, **C Novak**, **J Dengler**
Toronto, ON
- RP05** Infection Rate Following Elective Eyelid Surgery in a Minor Procedure Setting: A Single Centre Retrospective Study
V Doucet*, **M McKenzie**, **M Lee-Wing**, **L Bellan**
Winnipeg, MB

- RP06** Attitudes of Canadian Plastic Surgeons on the Necessity of Superficial Temporal Artery Biopsy in the Diagnosis and Management of Giant Cell Arteritis
A-S Lafrenière*, **R Hartley**, **B Ponich**, **D Nickerson**, **C Temple-Oberle**
Calgary, AB
- RP08** Anatomy of the breast fascial system: systematic review and clinical applications
A Duncan*, **S Al Youha**, **N Joukhadar**, **M Wheelock**
Halifax, NS
- RP09** Evaluation and optimization of the craniosynostosis triage pathway
M Roy*, **S Senkaiahliyan**, **D Singh**, **P Mashouri**, **C Forreest**, **J Phillips**
Toronto, ON
- RP10** Presurgical infant orthopedic appliances for patients with cleft lip and/or palate do not impair facial growth: A systematic review
C Landells*, **A-S Lafrenière**, **C Temple-Oberle**, **K Sass**
Calgary, AB
- RP11** A multi-regression analysis of modifiable factors that reduce operative time in head and neck free flap reconstruction
J Redwood*, **WF Hill**, **A Hatchell**, **J Matthews**, **J Dort**, **C Schrag**
Calgary, AB