

**CANADIAN SOCIETY OF PLASTIC SURGEONS (CSPS)  
71<sup>st</sup> Annual Meeting**

**JUNE 22 – 24, 2017  
WINNIPEG, MANITOBA**

**GOALS AND OBJECTIVES**

To promote and provide Continuing Professional Development/Continuing Medical Education Activities for plastic surgeons in keeping with the goals and criteria of the Royal College of Physicians and Surgeons of Canada (RCPSC) and according to recognized educational methods and principles. To be innovative in the field of continuing professional development using novel methods of needs assessment and evaluation.

By the end of this meeting learners will describe the latest innovations in plastic surgery. Learners will be able to integrate new knowledge in breast and aesthetic surgery, general reconstruction and burn surgery, hand and microsurgery, outcomes and epidemiology, pediatric and craniofacial surgery and basic science into their practice.

**THURSDAY, JUNE 22, 2017**

**0700 EYE-OPENER**

Diabetic foot disease (001)

**U Khan**

Westbury-on-Tryn, United Kingdom

**8:15 Opening ceremonies**

Dr. Lennox - 5 minutes

Dr. Giuffre/Hayakawa - 5 minutes

Dr. Louie - 5 minutes

**8:30 RCPSC Update - Dr. Ross**

**0835 Paravertebral blocks associated with improved pain control, decreased narcotic usage, earlier discharge from PACU and increased cost savings compared to general anesthesia alone in immediate breast reconstruction following mastectomy (01)**

**M Stein\*, D Waltho, T Ramsey, A Arnaout, J Zhang**

Ottawa, ON

**0840 Examining revisionary surgery rates of breast cancer patients in Alberta who have undergone breast conserving surgery (02)**

**C Wilkes\*, K Donaldson, A Bennett, L Korus**

Edmonton, AB

**0845 To examine the mechanisms through which adipose-derived stem cells affect healthy and malignant breast epithelial cell proliferation (03)**

**A Berdnikov\*, S Chatterjee, E Buchel, A Raouf, J Safneck, V Lee-Wing**

Winnipeg, MB

**0850 DISCUSSION**

**0856 CANADIAN EXPERT: Correction of pectus excavatum by custom-made silicone implants: Contribution of computer-aided design reconstruction. A visit to Toulouse University Hospital with Dr. Jean-Pierre Chavoin by A Danino, MD, PhD (03A)**

**A Danino**

Montréal, QC

**0911 Anabolic-androgenic steroid use among gynecomastia patients - prevalence and relevance to surgical management (04)**

**FZ Xu\*, R Cai, M Vojvodic, C Fielding**

Barrie, ON

**0916 Do pediatric patients with gynecomastia require evaluation by endocrinology preoperatively? (05)**

**A Malhotra, S Amed, M Bucevska, K Bush, J Arneja\***

Vancouver, BC

**0921 Does ketorolac increase the risk of bleeding after breast reduction? A retrospective case-control study. (06)**

**J Barkho\*, E Duku, A Thoma**

Hamilton, ON

**0926 DISCUSSION**

- 0932** The McGill augmentation mammoplasty operation (MAMO) simulator: Validation study (07)  
**R Kazan\*, A Viezel-Mathieu, S Cyr, T Hemmeling, M Gilardino**  
St-Laurent, QC
- 0937** Aesthetic considerations in autologous breast reconstruction (08)  
**O Lerman, W Jalil\*, I Karanetz, B Bassiri**  
New York, NY
- 0942** Celebrating the past 35 years of the Canadian Society of Plastic Surgery: A Historical video project (09)  
**Y Sardiwalla\*, J Oore, J Taylor, S Morris**  
Halifax, NS
- 0947** **DISCUSSION**
- 0953** CANADIAN EXPERT: Global Surgery Advocacy and Outreach (09A)  
**Y Ying**  
Ottawa, ON
- 1008** **COFFEE BREAK**
- 1033** CANADIAN EXPERT: Facial fat grafting(09B)  
**D Matic**  
London, ON
- 1048** Effect of compound 21, a selective angiotensin II type 2 receptor agonist, in a murine xenograft model of Dupuytren disease (10)  
**J Chisholm\*, M Bezuhly, T LeVatte, A Gareau, S Byun**  
Halifax, NS
- 1053** Trends in the usage of collagenase clostridium histolyticum for Dupuytren's contracture in Ontario (11)  
**M McIntosh\*, S Brogly, M Green, K Lajkosz, D McKay**  
Kingston, ON
- 1058** The submental versus groin vascularized lymph node transfer flaps: A head-to-head comparison of surgical outcomes following treatment for upper limb lymphedema (12)  
**OA Ho\*, CY Lin, KM Patel, MH Cheng**  
Toronto, ON
- 1103** **DISCUSSION**
- 1109** Analysis of pediatric hand fractures failing initial closed reduction in the emergency department (13)  
**M Market\*, K Cheung, M Bhatt**  
Ottawa, ON
- 1114** A comparison of conservative and operative management of thumb ulnar collateral ligament avulsion fractures in children (14)  
**M Huynh\*, K Cheung**  
Ottawa, ON
- 1119** Morbidity following a modified sural nerve harvesting procedure in pediatric patients (15)  
**M Shafarenko\*, J Catapano, E Ho, RM Zuker, GH Borschel**  
Toronto, ON
- 1124** **DISCUSSION**
- 1130** CANADIAN EXPERT: Moh's Micrographic Surgery (15A)  
**J Dawes**  
Calgary, AB

## TIPS & PEARLS

- 1145** Making your delayed latissimus breast reconstruction look like an immediate (TP01)  
**J Wolfl**  
Edmonton, AB

- 1147** A simple teaching model and pearls for syndactyly release (TP02)  
**K Slater\*, C Verchere**  
Vancouver, BC
- 1149** Complications following alloplastic nipple reconstruction in breast reconstruction (TP03)  
**Z Zhang\*, K Boyd**  
Ottawa, ON
- 1151** Concealed stealth costochondral scar for microtia reconstruction - Aesthetic unit concept: Technical description (TP04)  
**L Lessard, C Aubin-Lemay\*, É Bougie-Richardson**  
Montréal, QC
- 1153** Trans-nasal wiring for the management of Non-Displaced Type I NOE fractures (TP05)  
**R Chambers\*, J Fialkov**  
Ottawa, ON
- 1155** **CSPS GUEST SPEAKER**  
Physician Burn-Out (15B)  
**D Drummond**  
Seattle, WA
- 1400** **YOUNG PLASTIC SURGEONS SYMPOSIUM**
- Invited speaker: Physician Leadership Power Tools - Dr. Dike Drummond**
- Masters of Disasters Panel: Drs. Mitch Brown, Tom Hayakawa, Mike Morhart, Jaret Olson**  
Panel members present a "disaster" from their own practice in which they have learned something important that changed their perspective. This is also a forum for young surgeons to present difficult cases or complications that they have encountered early in their practice to be discussed by more senior panelists.

**FRIDAY, JUNE 23, 2017**

**0700 EYE-OPENER (15C)**  
Social media in plastic surgery and protection of your online reputation  
**Almin Kassamali**  
Stylelabs Inc.  
Calgary, AB

**RESIDENTS CORNER**

**0800** Corneal neurotisation improves corneal healing in a novel rat model of neurotrophic keratopathy (16)  
**J Catapano\*, K Antonyshyn, JJ Zhang, GH Borschel**  
Toronto, ON

**0805** The promotion of adipogenesis in a rat model of radiation induced fibrosis of the mammary fat pad (17)  
**J Truong\*, E Wong, E Turley, A Yazdani**  
London, ON

**0810** The effect of nAG (a salamander-derived protein) on fibrosis in scleroderma fibroblasts (18)  
**A Al-Qattan\*, L Lessard, A Philip**  
Montréal, QC

**0815 DISCUSSION**

**0821** Safety of fleur-de-lis abdominoplasty in patients with a previous subcostal scar (19)  
**J DeSerres\*, T Quaife, E Fung, J Toy**  
Edmonton, AB

**0826** 3D imaging and breast measurements: How predictable are we? (20)  
**K Steen\*, K Isaac, B Murphy, B Beber, M Brown**  
Toronto, ON

**0831** Perioperative Plastic Surgery patients are malnourished (21)  
**M Roy\*, P Hunter, J Perry, K Cross**  
Toronto, ON

**0836 DISCUSSION**

**0842** National multidisciplinary survey of regional anesthetic availability and preferences in breast reconstruction (22)  
**L Head\*, A Lui, E Cordeiro, KU Boyd**  
Ottawa, ON

**0847** Wide awake gynecomastia correction surgery: A comparison of general and regional anaesthesia for subcutaneous mastectomy and subcutaneous mastectomy with liposuction (23)  
**M Vojvodic\*, FZ Xu, R Cai, S Dreckmann, C Fielding**  
Toronto, ON

**0852** Female-to-male gender affirming top surgery: A single surgeon's 15-year retrospective review & treatment algorithm (24)  
**G McEvenue\*, FZ Xu, R Cai, H McLean**  
Toronto, ON

**0857 DISCUSSION**

**0903** A further look into Alberta breast reconstruction wait times: influences of cancer staging and radiation therapy on delayed breast reconstruction (25)  
**J Stone\*, J Bu, D Dumestre, L Shack, L Huang, C Temple-Oberle**  
Calgary, AB

**0908** Function-sparing "split" latissimus dorsi flap in breast reconstruction (26)  
**M Evans\*, T Omeis, E Kwong, S Valnicek**  
Vancouver, BC

**0913** Surgical treatment of upper extremity lymphedema after breast cancer: a meta-analysis and systematic review (27)  
**JI Efanov\*, AM Danino, S Moran, A Izadpanah**

Montréal, QC

- 0918**      **DISCUSSION**
- 0924**      Development of a breast reconstruction training environment (28)  
**A Viezel-Mathieu\*, R Kazan, S Cyr, T Hemmerling, M Gilardino**  
Montréal, QC
- 0929**      Development and evaluation of a high-fidelity cleft palate simulator for surgeon training and for development of a robotic approach to infant cleft palate surgery. (29)  
**DJ Podolsky\*, DM Fisher, K Wong, T Looi, JM Drake, CR Forrest**  
Toronto, ON
- 0934**      Performance of paediatric core procedural competencies amongst Canadian Plastic Surgery Residents (30)  
**A Knox\*, J Shih, D Courtemanche, J Fish, M Brown**  
Vancouver, BC
- 0939**      **DISCUSSION**
- 0945**      3D-printed surgical simulator for Kirschner wire placement in hand fractures (31)  
**M Brichacek, J Diaz-Abele\*, S Shiga, C Petropolis**  
Winnipeg, QC
- 0950**      Feasibility of using optical sensing to measure bore depth in surgical bone drilling (32)  
**D Demsey\*, JPG Arrunategui, N Carr, A Hodgson**  
Vancouver, BC
- 0955**      Cost-effective three-dimensional models for surgical planning in head and neck reconstruction (33)  
**I Ratanshi\*, C Petropolis, E Buchel, T Hayakawa, D Rickey**  
Winnipeg, MB
- 1000**      **DISCUSSION**
- 1006**      **COFFEE BREAK**
- 1036**      Utility of assessment using MRI, CT, and ultrasound for wrist pain (34)  
**S Dreckmann\*, H von Schroeder, J Shafin, H Baltzer**  
Richmond Hill, ON
- 1041**      Can we identify a threshold for acceptable radiographic parameters of distal radius fractures in patients over 65 years old? (35)  
**C Symonette\*, J MacDermid, R Grewal**  
London, ON
- 1046**      A novel device for the measurement of intrinsic strength (36)  
**A Kim\*, C Doherty, S Chinchalkar, L Ferreira**  
London, ON
- 1051**      **DISCUSSION**
- 1057**      Predicting which pediatric hand fractures require specialized care (37)  
**R Hartley\*, CA Kinlin, K Hulin-Poli, C Temple-Oberle, R Harrop, F Fraulin**  
Calgary, AB
- 1102**      Infantile hemangiomas of the lip: which lesions are associated with complications and surgical intervention? (38)  
**T Cawthorn\*, A MacRobie, F Fraulin, R Harrop**  
Calgary, AB
- 1107**      Low Apgar score as an indicator for prompt referral to a specialized multidisciplinary team in the non-operative treatment of obstetrical brachial plexus injuries (39)  
**A Azzi\*, C Aubin-Lemay, J Kvann, T Zadeh**  
Montréal, QC
- 1112**      **DISCUSSION**

- 1118** Outpatient burn care at BC Children's Hospital burn treatment room: a 3-year review (40)  
**R Chan, A Van Slyke\*, M Bucevska, C Verchere**  
 Coquitlam, BC
- 1123** A prospective review of two-dimensional methods versus three dimensional scanning systems in the assessment of total body surface area estimation in burn patients (41)  
**H Retrouvey\*, J Chan, S Shahrokhi**  
 Toronto, ON
- 1128** SCAR-Q Kids: Developing a patient-reported outcome instrument for the pediatric burn, traumatic, and surgical scar populations (42)  
**N Ziolkowski\*, A Klassen, L Mundy, J Fish, A Pusic**  
 Toronto, ON
- 1133** **DISCUSSION**
- 1139** Staged margin-controlled excision technique for Lentigo Maligna, a modification of the Spaghetti technique (43)  
**J Beveridge\*, M Taher, J Zhu, T Salopek**  
 Edmonton, AB
- 1144** Functional outcomes after tibial to peroneal nerve transfer in footdrop patients (44)  
**M Curran\*, J DeSerres, M Morhart, J Olson, M Chan**  
 Edmonton, AB
- 1149** The misconception of case-control studies in the plastic surgery literature: A literature audit (45)  
**A Hatchell\*, F Farrokhyar, M Choi**  
 Hamilton, ON
- 1154** **DISCUSSION**
- 1200** Preoperative angiography for free fibula flap harvest - is it necessary? (46)  
**N Alolabi\*, H Augustine, L Dickson, C Levis**  
 Hamilton, ON
- 1205** Pediatric hepatic artery microvascular anastomosis in living donor liver transplantation: 73 consecutive cases by a single surgeon (47)  
**K Zuo\*, A Draginov, A Panossian, A Fecteau, E Ho, R Zucker**  
 Toronto, ON
- 1210** Facial transplantation outcomes; Comprehensive analysis of risks and benefits (48)  
**M Alhefzi\*, M Aycart, H Kiwanuka, N Krezdorn, E Bueno, B Pomahac**  
 Hamilton, ON
- 1215** **DISCUSSION**
- 1221** **A.W. FARMER LECTURE**  
 Using Perforators and Supermicrosurgery to expand the horizon of lower extremity reconstruction (48A)  
**JP Hong**  
 Seoul, Korea
- 1400** **MEET THE PROFESSOR**  
 Navigating the Perils of Starting up a New Practice: Learning From the Mistakes of Others  
**Dr. Leif Sigurdson**  
 Winnipeg, MB  
**Dr. Douglas Humphreys**  
 Calgary, AB

**SATURDAY, JUNE 24, 2017**

- 0830**      **PANEL (48B)**  
Blepharoplasty  
**R Warren (moderator): Drs. Derek Ford, Mirko Gilardino, James Wolfli**  
Vancouver, BC
- 0830**      **PANEL (48C)**  
Mastopexy  
**B Peterson (Moderator) :** Nancy Van Laeken, Matthew Mosher, and Richard Bendor Samuel  
Kelowna, BC
- 0915**      **COFFEE BREAK**
- 0930**      **PANEL (48D)**  
Basilar joint arthritis of the thumb  
**M Morhart (moderator): Paul Binhammer, Aaron Brown, Douglas Ross**  
Edmonton, AB
- 0930**      **PANEL (48E)**  
Facial reanimation  
**D Matic (Moderator): Jaret Olson, Nancy Van Laeken, and Louise Caouette-Laberge**  
London, ON
- 1015**      **COFFEE BREAK**
- 1030**      **CANADIAN EXPERT**
- 1045**      Corneal neurotization in adults (49)  
**F Yau\* A Rubinov, A Al-Ghoul, E Weis**  
Calgary, AB
- 1050**      30-day outcomes following surgical decompression of neurogenic thoracic outlet syndrome (50)  
**T Maqbool\*, CB Novak, T Jackson, H Baltzer**  
Toronto, ON
- 1055**      Intralesional therapy with interleukin 2 for in-transit melanoma (51)  
**B Lopez-Obregon\*, M Barreto, A Fyfe, G McKinnon, C Temple-Oberle**  
Calgary, AB
- 1100**      Tissue expansion for equinus deformity: A 16-year review (52)  
**K Nickel\*, A Van Slyke, A Knox, K Wing, N Wells**  
Vancouver, BC
- 1105**      **DISCUSSION**
- 1112**      **A. Ross Tilley Lecture**  
Fellowship Secrets Revealed: Tales from the Green Monstah (52A)  
**K Cheung**  
Ottawa, ON
- 1127**      Anatomic predictors associated with velopharyngeal insufficiency (VPI) following primary cleft palate repair (53)  
**D Matic\*, DJ Lee**  
London, ON
- 1132**      Acellular dermal matrix in primary palatoplasty: A prospective trial (54)  
**A Govshievich, S Aldekhayel, M Gilardino\***  
Montréal, QC
- 1137**      Comparison between oximetry and polysomnography in identifying airway obstruction in infants with Robin Sequence (55)  
**R Galli\*, M Gilardino, L Lessard, A Côté**  
Montréal, QC
- 1142**      Assessing attentional bias in secondary cleft lip deformities: An eye-tracking study (56)

**A Morzycki\*, A Wong, P Hong, M Bezuhly**  
Halifax, NS

**1147 DISCUSSION**

**1154 CANADIAN EXPERT**

**1209** Cost analysis of distraction osteogenesis versus conventional surgery in Le Fort III surgery in syndromic craniosynostosis (57)  
**A Mosa\*, E Zellner, E Ho, J Phillips, C Forrest**  
Kingston, ON

**1214** Sagittal craniosynostosis: A utility outcomes study (58)  
**V Kuta\*, PD McNeely, S Walling, M Bezuhly**  
Halifax, NS

**1219** Comparing cephalic index and mid-sagittal vector analysis in assessing morphology in sagittal synostosis (59)  
**BY Hong\*, E Zellner, E Ho, J Phillips, C Forrest**  
Ottawa, ON

**1224 DISCUSSION**

**1230** Repair of calvarial defects with a novel method of monetite-induced bone growth (60)  
**M Abdulla\*, M Gilardino, J Barralet**  
Montréal, QC

**1235** A retrospective analysis of hospital costs associated with five methods of cranial vault repair (61)  
**P Binhammer, A Binhammer\*, O Antonyshyn**  
Toronto, ON

**1240** Cephalometric analysis in rabbits: An animal model for future craniofacial research (62)  
**M Mojtahed Jaber\*, A Aimani, H Shash, M Gilardino**  
Montréal, QC

**1245 DISCUSSION**

**1251** BEYOND THE KNIFE  
**TBA**  
Vancouver, BC



## ePOSTERS

### P01

#### **Direct neurotisation of a decellularised muscle matrix leads to improved muscle regeneration and neural tissue ingrowth**

H Iyer\*, S Lanier, E Friedrich, R Galiano

Chicago, IL

### P02

#### **The Canadian plastic surgery workforce: A national survey of residents and surgeons**

The Canadian Plastic Surgery Research Collaborative Organization (A Morzycki)

Halifax, NS

### P03

#### **A practical and novel speech scoring tool for VPI**

S Filson\*, S Fischback, P Klaiman, D Fisher

Toronto, ON

### P04

#### **Does custom modeling of orbital floor implants improve conformance relative to pre-fabricated implants; a cadaveric study**

R Chambers\*, O Antonyshyn

Toronto, ON

### P05

#### **The utility and efficiency of a resident hand clinic for management of acute hand trauma at the University of Alberta**

E Robertson\*, C Budden, A Schmidt, B Ball, A Ladak

Edmonton, AB

### P06

#### **Presenteeism in the hand patient population: Understanding the impact of hand pathologies in the workplace**

M Shafarenko\*, M Vojvodic, M Roy, C Novak, S McCabe

Toronto, ON

### P07

#### **Let's reconstruct global surgery: Multidisciplinary breakdown of plastic surgery NGOs**

L Christopherson, K Chung, K Desai, S Xue Jiang\*, P Patel, M Shafarenko, F Xu, L Kasrai

Toronto, ON

### P08

#### **Let's reconstruct global surgery: Cleft lip and palate charity database**

P Patel\*, K Chung, L Kasrai

Hamilton, ON

### P09

#### **Acellular dermal matrix and radiation in immediate breast reconstruction**

AM Chung\*, A Ghumman, M Stein, J Zhang

Ottawa, ON

### P10

#### **Post-operative pain control following alloplastic breast reconstruction with muscle relaxer: A randomized controlled trial**

H Alnaem, MN Al Yafi\*, ML Ma, L Xu, O Foudaneel

Montréal, QC

### P11

#### **Risk factors for titanium mesh implant exposure following cranioplasty**

T Maqbool\*, A Binhammer, P Binhammer, O Antonyshyn

Toronto, ON

### P12

#### **Rotator cuff tears and concomitant nerve injury: Prevalence and management**

M Curran\*, M Morhart, J Olson, F Ramazani, M Chan

Edmonton, AB

**P13**

**Surgical classification of gynecomastia: Systematic review and novel classification system**

D Waltho\*, A Hatchell, A Thoma

Ottawa, ON

**P14**

**Evaluating the implementation strategy of trainee-led Research in Canada**

The Canadian Plastic Surgery Research Collaborative Organization (M Al Taha)

Halifax, NS

**P15**

**Transgender preferences in gender-affirming surgical care: A cross-sectional study**

E Zellner\*, J Persing, D Steinbacher

Toronto, ON

**P16**

**What are the provincial College of Physicians and Surgeons' guidelines on smartphone clinical photography?**

M Heyns\*, A Steve, D Dumestre, F Fraulin, J Yeung

Calgary, AB

**P17**

**Tissue-engineered nasal cartilage: preliminary data comparing digestion vs outgrowth cell isolation techniques in pediatric and adult nasal chondrocytes**

A Burbank\*, Y Liang, Mulet-Sierra, Aillette, J Olson, A Szojka, A Adesida

Edmonton, AB

**P18**

**An epidemiological review of panfacial fractures at a tertiary trauma centre**

S Goekjian\*, J Hu, A Nelson, MJ Cooper

Hamilton, ON

**P19**

**Imaging trends for the evaluation of suspected pediatric facial fractures**

AL Wang\*, M Bhatt, K Cheung

Ottawa, ON

**P20**

**Reporting complications in Plastic Surgery: A systematic review of randomized controlled trials**

A Hudson\*, A Morzycki, O Samargandi, J Williams

Halifax, NS

**P21**

The diagnosis and management of the Spitz nevus in children: A systematic review, meta-analysis and review of Canadian practice (15)

**M Stein\*, J Abboud, A Bahubeshi, M Ramien, C Malic**

Ottawa, ON

**RESIDENT ePOSTER COMPETITION**

**RP01**

**Visual estimation of Dupuytren's flexion contractures - A prospective comparative trial**

JP Corkum, JA Gillis\*, DT Tang

Halifax, NS

**RP02**

**Documentation of corneal reinnervation and investigation of improved ocular surface health after corneal neurotisation in patients with neutrophilic keratopathy**

J Catapano\*, SSM Fung, C Jobst, RM Zuker, A Ali, GH Borschel

Toronto, ON

**RP03**

**Barriers to immediate breast reconstruction and guideline implementation: A provincial survey**

CJ Coroneos\*, K Roth-Albin, SH Voineskos, MC Brouwers, R Avram, B Heller  
Hamilton, ON

**RP04**

**Dorsal scapula nerve transfer for obstetrical brachial plexus injury: Case series**

H Augustine\*, C Coroneos, M Choi, J Bain  
Hamilton, ON

**RP05**

**Are we headed for a shortage of burn care in Canada?**

SQ Vrouwe\*, MG Jeschke, JS Fish  
Toronto, ON

**RP06**

**A new limited submuscular direct-to-implant technique utilizing acellular dermal matrix**

M Brichacek\*, K Dalke, E Buchel, T Hayakawa  
Winnipeg, MB

**RP07**

**The weakness of power assessment: influence of medical specialty and level of training on inter-rater reliability of the Medical Research Council Scale for muscle strength**

K Sawa\*, C Doherty, D Ross, T Miller, K Sequiera  
London, ON

**RP08**

**Canadian trends in carpal tunnel surgery**

B Peters\*, J Giuffre  
Winnipeg, MB

**RP09**

**Repair of primary cleft palate and oronasal fistula with acellular dermal matrix: systematic review and surgeon survey**

A Simpson\*, O Samargandi, A Wong, M Bezuhly  
Halifax, NS

**RP10**

**An evaluation of diagnostic imaging vs. pathological diagnosis of peripheral nerve tumours: A 10-year retrospective review of one surgeon's clinical practice**

C Nicholas  
Toronto, ON

**RP11**

**Thermal imaging in free flap surgery**

A Fitzpatrick\*, M McRae, R Avram  
Hamilton, ON

**RP12**

**Complication and reoperation rates of pedicled gracilis flap and vertical rectus abdominis myocutaneous flap for the reconstruction of perineal defects**

A Fitzpatrick, P Patel, M Ramji\*, F Farrokhyar, J Bain, R Avram  
Hamilton, ON

**RP13**

**How do physician attributes influence breast reconstruction decision making: A semi structured interview qualitative study**

M Yu\*, A Gagliardi, N Baxter, M Musgrave  
Toronto, ON

**RP14**

**Wound complications following simultaneous extensor and flexor tenolysis of the digits**

R Strazar\*, E Ambrose, M Abrams, A Islur  
Winnipeg, MB

**RP15**  
**Outcomes in adult cleft lip patients following single-staged septorhinoplasty and lip revision**

E Liu\*, D Matic  
London, ON

**RP16**  
**Morbidity of kirschner wires versus internal fixation devices for partial wrist fusion**

V Hayward\*, T Maqbool, H Baltzer, H von Schroeder  
Toronto, ON

**RP17**  
**Fixation of ulnar nerve using a slip of medial head of triceps: A novel technique to treat ulnar nerve subluxation**

J Vorstenbosch\*, C Nguyen, K Murray, A Islur  
Winnipeg, MB

**RP18**  
**Lipomatosis of nerve in the upper extremity: A continuum of disease**

M Saheb-Al-Zamani\*, L Wehrli, M Khanna, M Lax, D Anastakis  
Toronto, ON

**RP19**  
**Outcome of diplopia in delayed enophthalmos repair**

E Liu\*, Z Najarali, F Farrokhyar, M McRae  
Hamilton, ON

**RP20**  
**Educational interventions in post-graduate Plastic Surgery education: A systematic review of the literature**

B Al-Halabi\*, E Bilgic, M Vassiliou, M Gilardino  
Montréal, QC

**RP21**  
**A 40-year review of demographics and clinical outcomes of adult burn patients admitted to a single provincial burn centre**

T Omeis\*, K Nickel, A Papp  
Vancouver, BC

**RP22**  
**Applications of eye tracking technology for validity evidence of microsurgical skill assessment tools**

E Fung\*, G Wilkes, B Zheng  
Edmonton, AB