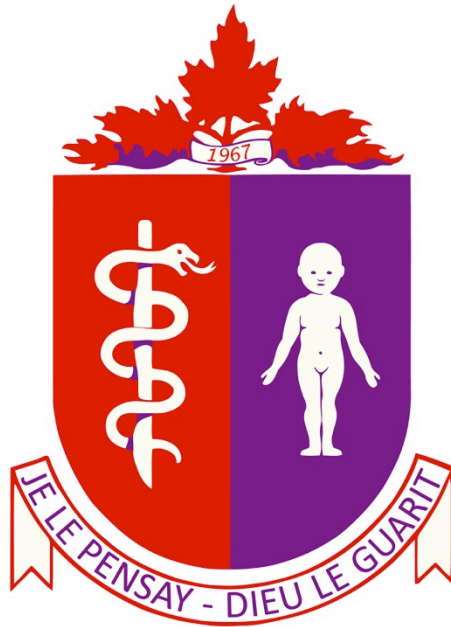


# PROGRAM SCHEDULE

## PROGRAMME DÉTAILLÉ



### ABBREVIATIONS

O	oral presentation- présentation orale
R	resident paper- présentation par résident
C/T	case/technique report- présentation de cas ou de technique
P	poster presentation- présentation d'affiche
O, R, P	Adjudicated- éligible pour les prix
C/T	Not adjudicated (except for bilingual effort)- non-éligible pour les prix (sauf pour le bilinguisme)

**THURSDAY, OCTOBER 5, 2017**

12:00 - 12:15	<b>President's Welcome</b>	Erik Skarsgard
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12:15 - 13:30		<b>Scientific Session #1 Oral Presentations: Thoracic/Foregut</b>	
		<b>Moderators: Jacob Langer and Helene Flageole</b>	
1	O R	12:15 - 12:22	<p><b>Gastrocutaneous fistulae in children - a systematic review and meta-analysis of epidemiology and treatment options</b></p> <p><u>Etienne St-Louis</u><sup>1,2</sup>, Nadia Safa<sup>2</sup>, Robert Baird<sup>1</sup></p> <p><sup>1</sup>Department of Pediatric Surgery, McGill University Health Centre, Montreal, Québec, Canada  <sup>2</sup>Department of General Surgery, McGill University Health Centre, Montreal, Québec, Canada</p>
2	O R	12:23 - 12:30	<p><b>Synthetic scaffolding and amniotic fluid mesenchymal stem cells: a new surgical option for long gap esophageal atresia</b></p> <p><u>Todd Jensen</u><sup>1</sup>, Adam Mitchell<sup>1</sup>, Ishma Sharma<sup>2</sup>, Wael Sayej<sup>3</sup>, Christine Finck<sup>4</sup></p> <p><sup>1</sup>Department of Pediatrics, UConn Health, Farmington, Connecticut, USA  <sup>2</sup>Department of Surgery, UConn Health, Farmington, Connecticut, USA  <sup>3</sup>Department of Digestive Diseases, Connecticut Children's Medical Center, Hartford, Connecticut, USA  <sup>4</sup>Department of Surgery, Connecticut Children's Medical Center, Hartford, Connecticut, USA</p>
3	O	12:31 - 12:38	<p><b>National management guidelines for the care of infants with congenital diaphragmatic hernia</b></p> <p>Pramod Puligandla<sup>1</sup>, Rob Baird<sup>2</sup>. The Canadian Congenital Diaphragmatic Hernia Collaborative<sup>2</sup></p> <p><sup>1</sup>Montreal Children's Hospital, Montreal, Québec, Canada  <sup>2</sup>CAPSNet</p>
4	O R	12:39 - 12:46	<p><b>Oral feeding outcomes in infants with esophageal atresia and tracheoesophageal fistula</b></p> <p><u>Mackenzie C Lees</u><sup>1</sup>, Ioana Bratu<sup>1,2</sup>, Maryna Yaskina<sup>1,3</sup>, Michael van Manen<sup>1,4</sup></p> <p><sup>1</sup>University of Alberta, Edmonton, Alberta, Canada  <sup>2</sup>Pediatric General Surgery, Department of Surgery, Edmonton, Alberta, Canada  <sup>3</sup>Women and Children's Health Research Institute, Edmonton, Alberta, Canada  <sup>4</sup>Department of Pediatrics, Stollery Children's Hospital, Edmonton, Alberta, Canada</p>

5	O R	12:47 - 12:54	<p><b>Congenital tracheo-esophageal fistula repair in Ontario over the last 20 years: volume and outcomes</b></p> <p><u>Damian Dylkowski</u><sup>1</sup>, Jennifer Winick-Neg<sup>2</sup>, J Andrew McClure<sup>2</sup>, Blayne Welk<sup>1,2</sup>, Andreana Bütter<sup>1</sup>, Sarah Jones<sup>1</sup></p> <p><sup>1</sup>Department of Surgery, Schulich School of Medicine and Dentistry, Western University, London, Ontario, Canada  <sup>2</sup>Institute for Clinical Evaluative Sciences, London, Ontario, Canada</p>
6	O R	12:55 - 13:02	<p><b>Amniotic fluid stem cell exosomes rescue fetal lung development in experimental congenital diaphragmatic hernia</b></p> <p>Vincenzo D Catania, <u>Lina Antounians</u>, Adrienne Sulisty, Alyssa Belfiore, Bo Li, Augusto Zani</p> <p>Division of General and Thoracic Surgery; Developmental and Stem Cell Biology Program, Hospital for Sick Children, Toronto, Ontario, Canada</p>
7	O R	13:03 - 13:10	<p><b>Prenatal prognostic markers correlate with pulmonary hypertension severity in congenital diaphragmatic hernia neonates</b></p> <p><u>Matthew KW Wong</u><sup>1</sup>; Janette T Reyes<sup>2</sup>, Eveline Lapidus-Krol<sup>1</sup>, Monping Chiang<sup>1</sup>, Tilman Humpl<sup>2</sup>, Malikah Al-Faraj<sup>3</sup>, Greg Ryan<sup>3</sup>, Priscilla PL Chiu<sup>1</sup></p> <p><sup>1</sup>Division of General and Thoracic Surgery, Hospital for Sick Children, Toronto, Ontario, Canada  <sup>2</sup>Division of Cardiology, Hospital for Sick Children, Toronto, Ontario, Canada  <sup>3</sup>Fetal Medicine Unit, Mount Sinai Hospital, University of Toronto, Toronto, Ontario, Canada</p>
8	O R	13:11 - 13:18	<p><b>Growth and neurodevelopmental outcomes of infants with esophageal atresia and tracheoesophageal fistula</b></p> <p><u>Wegdan Mawlana</u><sup>1</sup>, Paul Zamiara<sup>2</sup>, Hilary Lane<sup>3</sup>, Peggy Marcon<sup>3</sup>, Eveline Lapidus-Krol<sup>2</sup>, Priscilla Chiu<sup>2</sup>, Aideen M Moore<sup>3</sup></p> <p><sup>1</sup>Division of Neonatology, Department of Pediatrics, Hospital for Sick Children, Toronto, Ontario, Canada  <sup>2</sup>Division of General and Thoracic Surgery, Department of Surgery, Hospital for Sick Children, Toronto, Ontario, Canada  <sup>3</sup>Division of Gastroenterology, Hepatology and Nutrition, Department of Pediatrics, Hospital for Sick Children, Toronto, Ontario, Canada</p>
9	O R	13:19 - 13:26	<p><b>Decision-making criteria for observational management of congenital pulmonary adenomatoid malformations (CPAMs)</b></p> <p><u>Ashley Robinson</u><sup>1</sup>, Rodrigo Romao<sup>2</sup>, Jessica Mills<sup>2</sup>, Dafydd A Davies<sup>2</sup></p> <p><sup>1</sup>Dalhousie University, Halifax, Nova Scotia, Canada  <sup>2</sup>Division of Paediatric Surgery, IWK Health Centre, Halifax, Nova Scotia, Canada</p>

13:30 - 13:45	<b>CAPSNet and CBAR Updates</b>	Erik Skarsgard
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13:45 - 14:15	<b>Coffee break</b>
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14:15 - 15:18		<b>Scientific Session #2 Oral Presentations: Appendicitis/Nutrition Moderators: Hanna Piper and Dafydd Davies</b>	
10	O R	14:15 - 14:22	<p><b>The effects of health system factors on all-cause morbidity and costs after pediatric appendectomy: a national cohort study</b></p> <p>Cecily Bos<sup>1</sup>, Aristithes G Doumouras<sup>1</sup>, Gileh-Gol Akhtar-Danesh<sup>1</sup>, Dennis Hong<sup>2</sup>, Helene Flageole<sup>1,3</sup></p> <p><sup>1</sup>Department of Surgery, McMaster University, Hamilton, Ontario, Canada  <sup>2</sup>Division of General Surgery, St. Joseph's Healthcare, Hamilton, Ontario, Canada  <sup>3</sup>McMaster Pediatric Surgery Research Collaborative, McMaster University, Hamilton, Ontario, Canada</p>
11	O R	14:23 - 14:30	<p><b>Non-operative treatment for acute appendicitis: long-term outcomes</b></p> <p>C Sayah, W Makhloufi, S Ait Yahia, Z Soualili</p> <p>Department of Pediatric Surgery, University of Farhat Abbas, Setif, Algeria</p>
12	O R	14:31 - 14:38	<p><b>Safety and feasibility of same-day discharge for uncomplicated appendicitis, a prospective cohort study</b></p> <p>Kristin Gee<sup>1</sup>, Sandra H Ngo<sup>1</sup>, Lorrie S Burkhalter<sup>1</sup>, Alana L Beres<sup>1,2</sup></p> <p><sup>1</sup>University of Texas Southwestern, Dallas, Texas, USA  <sup>2</sup>Children's Medical Center, Dallas, Texas, USA</p>
13	O	14:39 - 14:46	<p><b>The role of glucagon like peptide-2 in regulating intestinal adaptation following intestinal resection or repair of gastroschisis in infants</b></p> <p>DL Sigalet<sup>1,2</sup>, M Brindle<sup>2</sup>, D Boctor<sup>2</sup>, V Lam<sup>2</sup>, E de Heuva<sup>2</sup>, B Hartman<sup>3</sup>, JJ Holst<sup>3</sup></p> <p><sup>1</sup>Department of Pediatric Surgery, Sidra Medical and Research Center, Doha, Qatar  <sup>2</sup>Children's Hospital Intestinal Rehabilitation Program, Alberta Children's Hospital, University of Calgary, Calgary, Alberta, Canada  <sup>3</sup>NNF Center for Basic Metabolic Research, Department of Biomedical Sciences, University of Copenhagen, Copenhagen, Denmark</p>

14	O	14:47 - 14:54	<p><b>Hospital level and case-load of pediatric appendectomies correlates with risk for complications after appendectomy in children – a population-based study</b></p> <p><u>Markus Almström</u><sup>1</sup>, Anna Svenningsson<sup>1</sup>, Jan F Svensson<sup>1</sup>, Eva Hagel<sup>2</sup>, Tomas Wester<sup>1</sup></p> <p><sup>1</sup>Department of Women's and Children's Health, Karolinska Institutet, Stockholm, Sweden  <sup>2</sup>Department of Learning, Informatics, Management and Ethics, Karolinska Institutet, Stockholm, Sweden</p>
15	O R	14:55 - 15:02	<p><b>The management of perforated appendicitis: a tale of two centres</b></p> <p><u>Martina Mudri</u><sup>1</sup>, Yasmine Yousef<sup>2</sup>, Jacob Davidson<sup>1</sup>, Andreana Bütter<sup>1</sup>, Sherif Emil<sup>2</sup></p> <p><sup>1</sup>Division of Pediatric Surgery; Children's Hospital, London Health Sciences Centre; London, Ontario, Canada  <sup>2</sup>Division of Pediatric General and Thoracic Surgery, Montreal Children's Hospital, McGill University Health Centre, Montreal, Québec, Canada</p>
16	O	15:03 - 15:10	<p><b>Factors influencing caregiver choice of medical versus surgical treatment of appendicitis</b></p> <p>Stephen L Carveth<sup>1</sup>, Mary Coffey<sup>2</sup>, Mary Smyth<sup>1,2</sup>, Brian S Gendelman<sup>1,2</sup>, Jeffrey M Maisels<sup>1,2</sup>, <u>Pavan Brahmandam</u><sup>1,2</sup></p> <p><sup>1</sup>Oakland University William Beaumont School of Medicine, Auburn Hills, Michigan, USA  <sup>2</sup>Beaumont Children's Hospital, Royal Oak, Michigan, USA</p>
17	O R	15:11 - 15:18	<p><b>Standardized reporting of appendicitis-related findings improves reliability of ultrasound in diagnosing appendicitis in children</b></p> <p><u>Richard Sola, Jr</u><sup>1</sup>, Stephanie B Theut<sup>2</sup>, Kelly A Sinclair<sup>3</sup>, Doug Rivard<sup>2</sup>, Kathy M Johnson<sup>1</sup>, Huirong Zhu<sup>4</sup>, Shawn D St. Peter<sup>1</sup>, Sohail R Shah<sup>5</sup></p> <p><sup>1</sup>Division of General and Thoracic Surgery, Children's Mercy Hospital, Kansas City, Missouri, USA  <sup>2</sup>Department of Radiology, Children's Mercy Hospital, Kansas City, Missouri, USA  <sup>3</sup>Division of Emergency Medicine and Urgent Care, Children's Mercy Hospital, Kansas City, Missouri, USA  <sup>4</sup>Outcomes and Impact Service, Texas Children's Hospital, Baylor College of Medicine, Houston, Texas, USA  <sup>5</sup>Division of Pediatric Surgery, Texas Children's Hospital, Baylor College of Medicine, Houston, Texas, USA</p>

15:20 - 16:05		<b>Concurrent Poster Session #1</b> <b>Track A (Posters 18-25): Foregut/Thoracic</b> <b>Moderators: Helen Hsieh and Alana Beres</b> <b>Track B (Posters 26-34): Appendicitis/Trauma</b> <b>Moderators: Natalie Yanchar and Peter Ehrlich</b>	
18	P R	15:20 - 15:24	<b>Intrathyroidal thymus tissue in children: avoiding unnecessary surgery</b>  <u>Emily Kay-Rivest</u> <sup>1</sup> , Marco A Mascarella <sup>1</sup> , Christine Saint-Martin <sup>2</sup> , Pramod Puligandla <sup>1</sup> , Robert Baird <sup>1</sup>  <sup>1</sup> Department of Pediatric General and Thoracic Surgery, Montreal Children's Hospital, McGill University, Montreal, Québec, Canada <sup>2</sup> Department of Pediatric Diagnostic Radiology, Montreal Children's Hospital, McGill University, Montreal, Québec, Canada
19	P R	15:25 - 15:29	<b>Dynamic bracing of pectus carinatum: a quantitative analysis</b>  <u>Tomasz Bugajski</u> <sup>1</sup> , Kartikeya Murari <sup>1</sup> , Steven Lopushinsky <sup>1</sup> , Marc Schneider <sup>2</sup> , Jacob Reichbart <sup>2</sup> , Janet Ronsky <sup>1</sup>  <sup>1</sup> University of Calgary, Calgary, Alberta, Canada <sup>2</sup> Braceworks, Calgary, Alberta, Canada
20	P R	15:30 - 15:34	<b>Replacing gastrostomy tubes with collapsible bumpers in pediatric patients: is it safe to "cut" the tube and allow the bumper to pass enterally?</b>  <u>Heather Thomas</u> , Lisa Van Houwelingen, Julia Yole, Michael Livingston, Brian H Cameron, Karen Bailey  McMaster Pediatric Surgery Research Collaborative, Department of Surgery, McMaster University, Hamilton, Ontario, Canada
21	P R	15:35 - 15:39	<b>Feasibility and safety of percutaneous endoscopic gastrostomy insertion in infants under 5 kg: a retrospective chart review</b>  <u>Alisha R Fernandes</u> <sup>1</sup> , Tessa Elliott <sup>2</sup> , Bethany Easterbrook <sup>2</sup> , Mark Walton <sup>2,3</sup> , Carter McInnis <sup>2</sup>  <sup>1</sup> Division of General Surgery, Department of Surgery, McMaster University, Hamilton, Ontario, Canada <sup>2</sup> McMaster Pediatric Surgery Research Collaborative, Department of Surgery, McMaster University, Hamilton, Ontario, Canada <sup>3</sup> Division of Pediatric Surgery, Department of Surgery, McMaster University, Hamilton, Ontario, Canada
22	P R	15:40 - 15:44	<b>The outcomes of fundoplication in neurologically impaired children at a tertiary healthcare center</b>  <u>Mohammed K Al-Namshan</u> <sup>1</sup> , Stanley J Crankson <sup>2</sup> , Saud A Al-Jadaan <sup>1</sup> , Nawaf M Al-Kharashi <sup>1</sup> , Nasir M Khawaja <sup>1</sup> , Shahad A Al-Saif <sup>1</sup>  <sup>1</sup> King Saud bin Abdulaziz University for Health Sciences (KSAU-HS), Riyadh, Saudi Arabia <sup>2</sup> King Abdulaziz Medical City, Riyadh, Saudi Arabia

23	P R	15:45 - 15:49	<p><b>Epithelial cell marker cadherin-26 expression is lower in nitrofen-induced abnormal lung development in congenital diaphragmatic hernia</b></p> <p><u>Lojine Ayoub</u><sup>1,2</sup>, Nolan Sean De Leon<sup>1</sup>, Jacquie Schwartz<sup>1</sup>, Phillip Snarr<sup>1</sup>, Richard Keijzer<sup>1</sup></p> <p><sup>1</sup>Departments of Surgery, Pediatrics &amp; Child Health and Physiology &amp; Pathophysiology, University of Manitoba and Children's Hospital Research Institute of Manitoba, Winnipeg, Manitoba, Canada,  <sup>2</sup>Department of Physiology, Rabigh, King Abdulaziz University, Saudi Arabia</p>
24	P	15:50- 15:54	<p><b>Optimal timing for resection of asymptomatic congenital pulmonary airway malformations</b></p> <p><u>Eric B Jelin</u><sup>1</sup>, Elizabeth O'hare<sup>1</sup>, Isam Nasr<sup>1</sup>, Tim Jancelewicz<sup>2</sup>, Emily Boss<sup>1</sup>, Dan Rhee<sup>1</sup></p> <p><sup>1</sup>Division of Pediatric Surgery, Johns Hopkins Children's Center, Baltimore, Maryland, USA  <sup>2</sup>Division of Pediatric Surgery, Le Bonheur Children's Hospital, University of Tennessee Health Science Center, Memphis, Tennessee, USA</p>
25	P R	15:55 - 15:59	<p><b>Effect of exosomes derived from amniotic fluid stem cells on experimental lung injury</b></p> <p><u>Lina Antounians</u>, Vincenzo D Catania, Adrienne Sulisty, Alyssa Belfiore, Augusto Zani</p> <p>Division of General and Thoracic Surgery, Developmental and Stem Cell Biology Program, Hospital for Sick Children, Toronto, Ontario, Canada</p>
26	P R	15:20 - 15:24	<p><b>Evaluation of pre-hospital provider education: a guide to trauma triage and disposition of pediatric and pregnant trauma patients</b></p> <p><u>Sarah B Cairo</u><sup>1</sup>, Charlotte Cipparone<sup>2</sup>, Evelyn Quist<sup>2</sup>, Malachi Fisher<sup>3</sup>, <u>Kathryn D Bass</u><sup>1,3,4</sup></p> <p><sup>1</sup>The Women and Children's Hospital of Buffalo, Department of Pediatric Surgery, Buffalo, New York, USA  <sup>2</sup>Jacobs School of Medicine State University of New York at Buffalo, Buffalo, New York, USA  <sup>3</sup>Trauma Injury Prevention and Education, Women and Children's Hospital of Buffalo, Buffalo, New York, USA  <sup>4</sup>Department of Surgery, State University of New York at Buffalo, Buffalo, New York, USA</p>

27	P R	15:25 - 15:29	<p><b>Appropriate use of total parenteral nutrition in children with perforated appendicitis</b></p> <p><u>Yasmine Yousef</u>, Fouad Youssef, Michael Homsy, Trish Dinh, Hayden Stagg, Robin Petroze, Robert Baird, Jean-Martin Laberge, Dan Poenaru, Pramod Puligandla, Kenneth Shaw, Sherif Emil</p> <p>Division of Pediatric General &amp; Thoracic Surgery, Montreal Children's Hospital, McGill University Health Centre, Montreal, Québec, Canada</p>
28	P R	15:30 - 15:34	<p><b>Does size matter? Correlation of ultrasound findings in children without clinical evidence of acute appendicitis</b></p> <p><u>Tishara Wijayanayaka</u>, Jacob Davidson, Andreana Bütter</p> <p>Division of Pediatric Surgery, Children's Hospital, University of Western Ontario, London, Ontario, Canada</p>
29	P R	15:35 –15:39	<p><b>Epidemiology of pediatric injuries in Rwanda using a prospective trauma registry</b></p> <p><u>Robin T Petroze</u><sup>1</sup>, Jean Claude Byiringiro<sup>2</sup>, Patrick Kyamanywa<sup>3</sup>, Edmond Ntaganda<sup>2</sup>, Sara K Rasmussen<sup>4</sup>, J Forrest Calland<sup>4</sup></p> <p><sup>1</sup>Montreal Children's Hospital, McGill University, Montreal, Québec, Canada  <sup>2</sup>Kigali University Teaching Hospital, University of Rwanda, Kigali, Rwanda  <sup>3</sup>Kampala International University, Kampala, Uganda  <sup>4</sup>University of Virginia, Charlottesville, Virginia, USA</p>
30	P R	15:40- 15:44	<p><b>The "cushion effect" is not protective for children involved in motor vehicle crashes</b></p> <p><u>Calista M Harbaugh</u><sup>1</sup>, Brianna Henderson<sup>2</sup>, Brian Derstine<sup>2</sup>, Peng Zhang<sup>2</sup>, Sven A Holcombe<sup>2</sup>, Stewart C Wang<sup>3</sup>, Peter F Ehrlich<sup>4</sup></p> <p><sup>1</sup>Department of Surgery, University of Michigan, Ann Arbor, Michigan, USA  <sup>2</sup>Morphomics Analysis Group, University of Michigan Medical School, Ann Arbor, Michigan, USA  <sup>3</sup>Section of Acute Care Surgery, Department of Surgery, University of Michigan, Ann Arbor, Michigan, USA  <sup>4</sup>Section of Pediatric Surgery, Department of Surgery, University of Michigan &amp; C.S. Mott Children's Hospital, Ann Arbor, Michigan, USA</p>



31	P R	15:45 - 15:49	<p><b>In harm's way: unintentional firearm injuries in young children</b></p> <p>Andrew Nordin<sup>1,2</sup>, Alan Coleman<sup>1</sup>, Junxin Shi<sup>3,4</sup>, Krista Wheeler<sup>3,4</sup>, Henry Xiang<sup>3,4,5</sup>, Brian Kenney<sup>1,3,5</sup></p> <p><sup>1</sup>Department of Pediatric Surgery, Nationwide Children's Hospital, Columbus, Ohio, USA  <sup>2</sup>Department of General Surgery, State University of New York University at Buffalo, Buffalo, New York, USA  <sup>3</sup>Center for Pediatric Trauma Research, Research Institute at Nationwide Children's Hospital, Columbus, Ohio, USA  <sup>4</sup>Center for Injury Research and Policy, Research Institute at Nationwide Children's Hospital, Columbus, Ohio, USA  <sup>5</sup>Ohio State University College of Medicine, Columbus, Ohio, USA</p>
32	P	15:50- 15:54	<p><b>Is appendectomy in children a pediatric surgical procedure?</b></p> <p>Udo Rolle<sup>1</sup>, Hans-Joachim Meyer<sup>2</sup>, Christian Günster<sup>3</sup>, Elke Jeschke<sup>3</sup>, Matthias Maneck<sup>3</sup>, Claus-Dieter Heidecke<sup>4</sup></p> <p><sup>1</sup>Department of Pediatric Surgery and Pediatric Urology, University Hospital of the Goethe-University Frankfurt, Germany  <sup>2</sup>German Society of Surgery, Berlin, Germany  <sup>3</sup>Wissenschaftliches Institut der AOK (WidO), Berlin, Germany  <sup>4</sup>Department of Surgery, University of Greifswald, Frankford, Germany</p>

33	P R	15:55 - 15:59	<p><b>Is non-operative management of acute, uncomplicated appendicitis in pediatric patients evidence based?</b></p> <p>Bethany Easterbrook<sup>1</sup>, Cecily Bos<sup>2</sup>, Brian H Cameron<sup>1,2</sup>, Karen Bailey<sup>1,2</sup></p> <p><sup>1</sup>McMaster Pediatric Surgery Research Collaborative, McMaster University, Hamilton, Ontario, Canada  <sup>2</sup>Department of Surgery, McMaster University, Hamilton, Ontario, Canada</p>
34	P R	16:00 - 16:04	<p><b>Safety on the slopes- ski versus snowboard injuries in children</b></p> <p>Stephanie F Polites, Shennen A Mao, Amy E Glasgow, Elizabeth B Habermann, Christopher R Moir</p> <p>Mayo Clinic, Rochester, Minnesota, USA</p>

18:30 - 23:00	<b>Welcome Reception- Alhambra/Foyer</b>
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**FRIDAY, OCTOBER 6, 2017**

08:00 - 09:30		<b>Scientific Session #3 Oral Presentations: Midgut/Hindgut/Hepatobiliary</b> <b>Moderators: Sherif Emil and Baird Mallory</b>	
35	O R	08:00 - 08:07	<p><b>Long-term outcomes for children with early-onset colitis: implications for surgical outcomes</b></p> <p><u>Kristy L Rialon</u><sup>1</sup>, Eileen Crowley<sup>2</sup>, Natasha M Seemann<sup>3</sup>, Aleixo Muise<sup>2</sup>, Jacob C Langer<sup>1</sup></p> <p><sup>1</sup>Division of General and Thoracic Surgery, Department of Surgery, Hospital for Sick Children, Toronto, Ontario, Canada  <sup>2</sup>Division of Gastroenterology, Hepatology, and Nutrition, Hospital for Sick Children, Toronto, Ontario, Canada  <sup>3</sup>Division of General Surgery, Department of Surgery, University of Toronto, Toronto, Ontario, Canada</p>
36	O R	08:08 - 08:15	<p><b>Malone appendicostomy versus percutaneous cecostomy tube insertion for children with intractable constipation: a systematic review and meta-analysis</b></p> <p><u>Christine Li</u>, Sara C Shanahan, Michael H Livingston, J Mark Walton</p> <p>McMaster Pediatric Surgery Research Collaborative, Department of Surgery, McMaster University, Hamilton, Ontario, Canada</p>
37	O R	08:16 - 08:23	<p><b>Vasoactive intestinal peptide expression is decreased in necrotizing enterocolitis</b></p> <p><u>Shogo Seo</u>, Hiromu Miyake, Yuhki Koike, Chen Yong, Carol Lee, Bo Li, Alison Hock, Agostino Pierro</p> <p>Division of General and Thoracic Surgery, Physiology &amp; Experimental Medicine Program, Hospital for Sick Children, Toronto, Ontario, Canada</p>
38	O R	08:24 - 08:31	<p><b>Predictors of need for surgical intervention and surgical outcomes in neonates with cystic fibrosis</b></p> <p><u>Samuel Jessula</u><sup>1</sup>, Michiel Van Den Hof<sup>2</sup>, Dimas Mateos-Corral<sup>3</sup>, Jessica Mills<sup>4</sup>, Dafydd Davies<sup>4</sup>, Rodrigo Romao<sup>4</sup></p> <p><sup>1</sup>Division of General Surgery, Department of Surgery, Dalhousie University, Halifax, Nova Scotia, Canada  <sup>2</sup>Department of Obstetrics and Gynecology, Dalhousie University, Halifax, Nova Scotia, Canada  <sup>3</sup>Department of Pediatrics, Dalhousie University, Halifax, Nova Scotia, Canada  <sup>4</sup>Division of Pediatric General and Thoracic Surgery, Department of Surgery, Dalhousie University, Halifax, Nova Scotia, Canada</p>
39	O R	08:32 - 08:39	<p><b>Safety of primary versus delayed repair of low imperforate anus: an analysis of ACS NSQIP-pediatric cases</b></p> <p><u>Laura Y Martin</u><sup>1</sup>, Todd C Crawford<sup>1</sup>, Eric B Jelin<sup>1</sup>, Tim Jancelewicz<sup>2</sup>, Emily Boss<sup>1</sup>, Isam W Nasr<sup>1</sup>, Daniel S Rhee<sup>1</sup></p>

			<p><sup>1</sup>Department of Surgery, Johns Hopkins Hospital, Baltimore, Maryland, USA</p> <p><sup>2</sup>Division of Pediatric Surgery, Le Bonheur Children's Hospital, University of Tennessee Health Science Center, Memphis, Tennessee, USA</p>
40	O R	08:40 - 08:47	<p><b>Quantifying and predicting benefit from pediatric sacral nerve stimulation for severe constipation and fecal incontinence</b></p> <p><u>Benjamin D Carr</u>, Meredith Barrett, Laurie C Wild, Peter F Ehrlich</p> <p>Department of Surgery, University of Michigan, Ann Arbor, Michigan, USA</p>
41	O R	08:48 - 08:55	<p><b>Gastroschisis treatment and outcomes before and after multidisciplinary care standardization</b></p> <p><u>Candace Haddock</u>, Alghalya Almaawali, Erik Skarsgard</p> <p>British Columbia Children's Hospital, Vancouver, British Columbia, Canada</p>
42	O	08:56 - 09:03	<p><b>Which surgical method results in best outcomes in pediatric patients with Hirschsprung disease? A network meta-analysis investigating Duhamel, Swenson, and Soave</b></p> <p><u>Katrina J Sullivan</u><sup>1</sup>, Danielle Menzies-Toman<sup>1</sup>, Carolyn Wayne<sup>1</sup>, Colin Way<sup>2</sup>, Brian Hutton<sup>3,4</sup>, Ahmed Nasr<sup>1,5</sup></p> <p><sup>1</sup>Department of Surgery, Children's Hospital of Eastern Ontario, Ottawa, Ontario, Canada</p> <p><sup>2</sup>Faculty of Medicine, University of Ottawa, Ottawa, Ontario, Canada</p> <p><sup>3</sup>School of Epidemiology, Public Health and Preventive Medicine, University of Ottawa, Ottawa, Ontario, Canada</p> <p><sup>4</sup>Ottawa Hospital Research Institute, Ottawa, Ontario, Canada</p> <p><sup>5</sup>Department of Surgery, Faculty of Medicine, University of Ottawa, Ottawa, Ontario, Canada</p>
43	O R	09:04 - 09:11	<p><b>Liver damage in necrotizing enterocolitis</b></p> <p><u>Hiromu Miyake</u><sup>1,2</sup>, Bo Li<sup>1</sup>, Yuhki Koike<sup>1</sup>, Yong Chen<sup>1</sup>, Shogo Seo<sup>1</sup>, Carol Lee<sup>1</sup>, Agostino Pierro<sup>1</sup></p> <p><sup>1</sup>Division of General and Thoracic Surgery, Hospital for Sick Children, Toronto, Ontario, Canada</p> <p><sup>2</sup>Department of Pediatric Surgery, Shizuoka Children's Hospital, Shizuoka, Japan</p>

09:15 - 10:15	<b>JPS/MacLeod Lecture: Riccardo Superina</b> <b>“The shrinking landscape of paediatric surgery: is less more?”</b>
	<p style="text-align: center;"><b>Learning Objectives</b></p> <p>At the completion of the activity, participants will:</p> <ol style="list-style-type: none"> <li>1. Understand the dimensions of quality as defined by the Institute of Medicine, and how these dimensions can be used as a framework for categorizing quality deficiencies in the delivery of pediatric surgical care.</li> <li>2. Be able to cite the procedures in pediatric surgery that are associated with the greatest relative burden of morbidity, mortality, &amp; resource utilization, and how these data can be leveraged as a prioritization framework for future QI efforts.</li> <li>3. Be able to describe the evolution of the American College of Surgeon’s National Surgical Quality Improvement Program from a registry of adverse events to a comprehensive comparative performance platform for pediatric surgical quality.</li> </ol>

10:15 - 10:45	<b>Coffee break</b>
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10:45 - 12:15	<b>CAPS Quality and Safety Session and 3<sup>rd</sup> Annual Ein Panel</b> <b>Moderator: Erik Skarsgard</b> <b>Quality and safety issues in pediatric surgery- beyond the aviation industry</b>
	<p>Invited Speakers: Captain Claudia Gerstle, United Airlines and Dr. Edward Hickey, Cardiovascular Surgeon, The Hospital for Sick Children</p> <p>The Quality and Safety Session will present scenarios and engage the CAPS audience with interactive questions to set off the debate sessions. Participants will be asked to use the audience response system to provide pre-debate and post-debate answers to the MCQ’s provided for each scenario.</p> <p style="text-align: center;"><b>Learning Objectives</b></p> <p>At the completion of this activity, participants will:</p> <ol style="list-style-type: none"> <li>1. Understand the proposed standards and regionalization of care for pediatric surgical centers.</li> <li>2. Be able to cite studies on the relationship of surgical volume and experience and the impact it can have on patient outcomes.</li> <li>3. Understand the potential for anticipated and unanticipated risks to the patient with introduction of new technology or techniques.</li> <li>4. Understand limits of assuring proficiency when performing a new technique.</li> <li>5. Understand the surgeon’s professional and personal responsibilities for providing safe patient care.</li> <li>6. Be familiar with measures and procedures to facilitate and aid surgeon well-being.</li> </ol> <hr style="width: 20%; margin: 20px auto;"/> <p>Dr. Ed Hickey – “Cheeki Rafiki and high stakes medicine: chasing the 6-sigma”</p> <p style="text-align: center;"><b>Learning Objectives</b></p> <ol style="list-style-type: none"> <li>1. Introduction to error patterns and error propagation in high stakes industries, including medicine.</li> <li>2. Introduce “Performance Rounds”: A flight plan review of in-patient journeys by medical teams.</li> <li>3. Understand the qualities of outstanding airline captains – as gleaned from regular cockpit audits of routine flight.</li> </ol>

12:15-12:30	<b>Lunch box pick up</b>
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12:30 - 13:30		<b>Video/Technique Session</b>	
		<b>Moderators: Margo Hendrickson and BJ Hancock</b>	
44	T R	12:30 - 12:37	<b>Feeding tube system with base balloon</b>  Ayman Al-Jazaeri, <u>Manaa Al-Muhaideb</u>  King Saud University, Riyadh, Saudi Arabia

45	T R	12:38 - 12:45	<b>Three dimensional body scans for an objective measurement of pectus carinatum deformities</b>  <u>Jennifer YK Lam</u> <sup>1</sup> , Janet Ronsky <sup>2</sup> , Tomasz Bugajski <sup>3</sup> , Marc C Schneider <sup>4</sup> , Mary Brindle <sup>1</sup>  <sup>1</sup> Department of Pediatric Surgery, University of Calgary, Calgary, Alberta, Canada <sup>2</sup> Medical and Manufacturing Engineering, University of Alberta, Calgary, Alberta, Canada <sup>3</sup> Biomedical Engineering, University of Calgary, Calgary, Alberta, Canada <sup>4</sup> Braceworks, Inc., Calgary, Alberta, Canada
46	T R	12:46 - 12:53	<b>Single incision laparoscopic resection of a giant ovarian mature cystic teratoma</b>  Hira H Abidi <sup>1</sup> , <u>Shelby Flanagan</u> <sup>2</sup> , Michael J Leinwand <sup>2</sup>  <sup>1</sup> Western Michigan University School of Medicine, Kalamazoo, Michigan, USA <sup>2</sup> Bronson Children's Hospital, Kalamazoo, Michigan, USA
47	T R	12:54 - 13:01	<b>The novel use of preoperative embolization with n-butyl cyanoacrylate prior to surgical resection of venous malformations</b>  <u>Miho Watanabe</u> , Manish Patel, Roshni Dasgupta  Hemangioma and Vascular Malformations Center, Cincinnati Children's Hospital Medical Center, Cincinnati, Ohio, USA
48	T R	13:02 - 13:09	<b>Dressed for success? - silver impregnated dressing for initial treatment of giant omphalocele</b>  <u>Dean Percy</u> <sup>1</sup> , Candace Haddock <sup>1,2</sup> , Sonia Butterworth <sup>1,2</sup>  <sup>1</sup> Department of General Surgery, University of British Columbia, Vancouver, British Columbia, Canada <sup>2</sup> Division of Pediatric Surgery, British Columbia Children's Hospital, Vancouver, British Columbia, Canada

49	T R	13:10 - 13:17	<p><b>Thoracoscopic management of a vascular complication following central line placement</b></p> <p>Nelson Piché, Catherine K Beaumier, Dickens St-Vil, Marianne Beaudin</p> <p>Pediatric Surgery, CHU Ste-Justine, Université de Montréal, Montreal, Québec, Canada</p>
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13:30 - 14:45		<b>Scientific Session #4 Oral Presentations: Best Practices/Quality/Education</b> <b>Moderators: Andrea Winthrop and Roshni Dasgupta</b>	
50	O R	13:30 - 13:37	<p><b>Enrollment and reporting practices in pediatric general surgical randomized clinical trials</b></p> <p>Etienne St-Louis<sup>1,2</sup>, Marcus Oosenbrug<sup>3</sup>, Tara Landry<sup>4</sup>, Robert Baird<sup>1</sup></p> <p><sup>1</sup>Department of Pediatric Surgery, McGill University Health Centre, Montreal, Québec, Canada  <sup>2</sup>Department of General Surgery, McGill University Health Centre, Montreal, Québec, Canada  <sup>3</sup>Faculty of Medicine, McGill University, Montreal, Québec, Canada  <sup>4</sup>Montreal General Hospital Medical Library, Montreal, Québec, Canada</p>
51	O	13:38 - 13:45	<p><b>Variation of access to pediatric surgical care among coexisting public and private providers: inguinal hernia as a model</b></p> <p>Lama Al-Shwairikha, Manar Al-Jibreena, Nourah Al-Swaidana, Tarfah Al-Obaidana, Abulrahman Al-Zahem, Ayman Al-Jazaeri</p> <p>Division of Pediatric Surgery, College of Medicine, King Saud University, Riyadh, Saudi Arabia</p>
52	O	13:46 - 13:53	<p><b>Natural talent: myth or reality? The ability to learn laparoscopic surgery</b></p> <p>Giuseppe Retrosi<sup>1</sup>, Thomas Cundy<sup>2</sup>, Elizabeth Carson<sup>3</sup>, Ian Clark<sup>3</sup></p> <p><sup>1</sup>Department of Surgery, Division of Pediatric Surgery, Health Sciences Centre – Children’s Hospital of Winnipeg, University of Manitoba, Winnipeg, Manitoba, Canada  <sup>2</sup>Department of Pediatric Surgery, Women’s and Children’s Hospital, Discipline of Surgery, University of Adelaide, Adelaide, South Australia, Australia,  <sup>3</sup>Department of Ophthalmology, Children’s Hospital of Winnipeg, University of Manitoba, Winnipeg, Manitoba, Canada</p>
53	O R	13:54 - 14:02	<p><b>Enhanced self-perceptions of professionalism following a professionalism education program in general surgery residents</b></p> <p>Rebecca Whitley<sup>1</sup>, Debrah Wirtzfeld<sup>1,2</sup></p> <p><sup>1</sup>University of Manitoba, Winnipeg, Manitoba, Canada  <sup>2</sup>Division of General Surgery, University of Manitoba, Winnipeg, Manitoba, Canada</p>

54	O R	14:03 - 14:10	<p><b>A simulated training model for laparoscopic pyloromyotomy: is 3D printing the future?</b></p> <p><u>Morgan McWilliam</u><sup>1</sup>, A Williams<sup>2</sup>, J Ahlin<sup>1</sup>, J Davidson<sup>2</sup>, M Quantz<sup>3</sup>, A Bütter<sup>4</sup></p> <p><sup>1</sup>Schulich School of Medicine &amp; Dentistry, Western University, London, Ontario, Canada  <sup>2</sup>Western University, London, Ontario, Canada  <sup>3</sup>Division of Cardiac Surgery, Schulich School of Medicine &amp; Dentistry, Western University, London, Ontario, Canada  <sup>4</sup>Schulich School of Medicine &amp; Dentistry, Division of Paediatric Surgery, Western University, London, Ontario, Canada</p>
55	O R	14:11 - 14:18	<p><b>I-PASS enhances effectiveness and accuracy of handover for pediatric general surgery patients</b></p> <p>Eveline Lapidus-Krol, Erica M Fallon, <u>Justyna M Wolinska</u>, Yuriy Kolivoshka, Annie Fecteau</p> <p>Division of General and Thoracic Surgery, Hospital for Sick Children, Toronto, Ontario, Canada</p>
56	O R	14:19 - 14:26	<p><b>Development of an innovative pathway for the design and manufacturing of surgical devices using a steel three-dimensional (3D) printer</b></p> <p><u>Abdullah Saleh</u><sup>1</sup>, Paul Dews<sup>2</sup>, David Janzen<sup>1</sup>, Bethany Easterbrook<sup>3</sup>, Tessa Elliott<sup>3</sup>, Geoffrey Blair<sup>4</sup></p> <p><sup>1</sup>Innovative Canadians for Change (ICChange), Hamilton, Ontario, Canada  <sup>2</sup>Northern Alberta Institute of Technology (NAIT), Edmonton, Alberta, Canada  <sup>3</sup>McMaster University, Hamilton, Ontario, Canada  <sup>4</sup>University of British Columbia, Vancouver, British Columbia, Canada</p>
57	O R	14:27 - 14:34	<p><b>Imaging of fetal abdominal organs using in vivo two-photon laser-scanning microscopy</b></p> <p>Yuhki Koike<sup>1,3</sup>, Hiromu Miyake<sup>1</sup>, Shogo Seo<sup>1</sup>, Bo Li<sup>1</sup>, Yong Chen<sup>1</sup>, Carol Lee<sup>1</sup>, Alison Hock<sup>1</sup>, Paul Delgado Olguin<sup>2</sup>, Mikihiro Inoue<sup>3</sup>, Uchida Keiichi<sup>3</sup>, Masato Kusunoki<sup>3</sup>, Agostino Pierro<sup>1</sup></p> <p><sup>1</sup>Division of General and Thoracic Surgery, Physiology and Experimental Medicine Program, Hospital for Sick Children, Toronto, Ontario, Canada  <sup>2</sup>Department of Molecular Genetics, University of Toronto, Toronto, Ontario, Canada  <sup>3</sup>Department of Gastrointestinal and Pediatric Surgery, Mie University Graduate School of Medicine, Tsu, Mie, Japan</p>

58	O	14:35 - 14:42	<p><b>Risk factors for surgical site infection in neonates: a systematic review and meta-analysis</b></p> <p>Vincenzo D Catania<sup>1</sup>, Alessandro Boscarelli<sup>2</sup>, Francesco Morini<sup>2</sup>, Augusto Zani<sup>1</sup></p> <p><sup>1</sup>Division of General and Thoracic Surgery, Hospital for Sick Children, Toronto, Ontario, Canada  <sup>2</sup>Department of Medical and Surgical Neonatology, Bambino Gesù Children's Research Hospital, Rome, Italy</p>
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14:45 - 15:15	<b>Update from the CAPS Research Committee</b>		
	The CAPS Research Committee will provide the audience with updates on the CAPS research grant and projects. The scientific presentation will be made by the 2015 CAPS Research Grant awardee, Kyle Cowan.		

	<b>CAPS President's Address</b>		
15:15 - 15:45	Erik Skarsgard- <b>The Value of Patient Registries in Advancing Pediatric Surgical Care</b>		

<b>SATURDAY, OCTOBER 7, 2017</b>			
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09:00 - 09:50	<b>Scientific Session #5 Oral Presentations: Outcomes/Trauma/Global Surgery</b> <b>Moderators: Ric Superina and Danny Little</b>		
59	O R	09:00 - 09:07	<p><b>Global pediatric surgical workforce and surgical outcomes: defining a critical provider density for improved survival</b></p> <p>Doulia Hamad<sup>1</sup>, <u>Yasmine Yousef</u><sup>1,2</sup>, Dan Poenaru<sup>1</sup></p> <p><sup>1</sup>Division of Pediatric General and Thoracic Surgery, Montreal Children's Hospital, McGill University Health Centre, Montreal, Québec, Canada  <sup>2</sup>Department of General Surgery, University of Montreal, Montreal, Québec, Canada</p>
60	O R	09:08 - 09:15	<p><b>Quantifying delays and self-identified barriers to timely access to pediatric surgery at Mbarara Regional Referral Hospital, Uganda</b></p> <p><u>Mercedes Pilkington</u><sup>1</sup>, Martin Situma<sup>2</sup>, Andrea Winthrop<sup>1</sup>, Dan Poenaru<sup>3</sup></p> <p><sup>1</sup>Department of Surgery, Queen's University, Kingston, Ontario, Canada  <sup>2</sup>Mbarara University Teaching Hospital, Mbarara University for Science and Technology, Mbarara, Uganda  <sup>3</sup>Montreal Children's Hospital, McGill University, Montreal, Québec, Canada</p>



61	O R	09:16 - 09:23	<p><b>Emergency pediatric surgery: comparing the economic burden in specialized vs non-specialized children's centers</b></p> <p><u>Charlotte L Kvasnovsky</u><sup>1</sup>, Jeannie Y Chun<sup>2</sup>, Ken Pippus<sup>2</sup>, Kimberly Lumpkins<sup>1</sup>, Jose J Diaz<sup>3</sup></p> <p><sup>1</sup>Department of Surgery, University of Maryland Medical Center. Baltimore, Maryland, USA  <sup>2</sup>Department of Pediatric Surgery, Providence Children's Health. Portland, Oregon, USA  <sup>3</sup>Division of Acute Care Surgery, Program in Trauma, R Adams Cowley Shock Trauma Center, University of Maryland. Baltimore, Maryland, USA</p>
62	O R	09:24 - 09:31	<p><b>Racial disparity in an outreach pediatric surgical service: real or unreal?</b></p> <p><u>Canaan Aumua</u>, Udayangani Samarakkody, Danny De Lore</p> <p>University of Auckland, Auckland, New Zealand</p>
63	O	09:32 - 09:39	<p><b>Injury patterns of child abuse: experience of two Level I pediatric trauma centers</b></p> <p><u>Yangyang R Yu</u><sup>1</sup>, Annalyn S DeMello<sup>1</sup>, Christopher S Greeley<sup>2</sup>, Charles S Cox<sup>3</sup>, Bindi J Naik-Mathuria<sup>1</sup>, David E Wesson<sup>1</sup></p> <p><sup>1</sup>Texas Children's Hospital, Department of Surgery, Baylor College of Medicine, Houston, Texas, USA  <sup>2</sup>Section of Public Health Pediatrics, Texas Children's Hospital, Houston, Texas, USA  <sup>3</sup>Department of Pediatric Surgery, Children's Memorial Hermann Hospital, Houston, Texas, USA</p>

09:45 - 10:45	<b>CAPS Global Partnership Session</b> <b>Introductions: Dan Poenaru</b>	
09:45 - 10:15	<b>CAPS Global Pediatric Surgery Scholar Presentation</b>	Justin Danga
10:15 - 10:45	<b>CAPS Global Surgery Update: Global Initiative for Children's Surgery</b>	Dan Poenaru, Etienne St-Louis
10:45 - 11:15	<b>Coffee break</b>	

		<b>Concurrent Poster Session #2</b>	
		<b>Track A (Posters 64-72): General/Global Surgery</b>	
		<b>Moderators: Dan Poenaru and Paul Beaudry</b>	
		<b>Track B (Posters 73-81): Midgut/Hindgut/Hepatobiliary</b>	
		<b>Moderators: Annie Fecteau and Andreana Bütter</b>	
11:15 - 12:00			
64	P R	11:15 - 11:19	<p><b>Experience with peritoneal thermal injury during subcutaneous endoscopically assisted ligation for pediatric inguinal hernia</b></p> <p><u>Etienne St-Louis</u><sup>1,2</sup>, Annie Chabot<sup>3</sup>, Hayden Stagg<sup>1</sup>, Robert Baird<sup>1</sup></p> <p><sup>1</sup>Department of Pediatric Surgery, McGill University Health Centre, Montreal, Québec, Canada  <sup>2</sup>Department of General Surgery, McGill University Health Centre, Montreal, Québec, Canada  <sup>3</sup>Faculty of Medicine, McGill University, Montreal, Québec, Canada</p>
65	P R	11:20 - 11:24	<p><b>Parental presence at induction of anesthesia: parent and health professional evaluation of a new program</b></p> <p><u>Farnoush Harandian</u><sup>1</sup>, Sherif Emil<sup>2</sup>, Sabrina Drudi<sup>3</sup>, Yasmine Yousef<sup>2</sup>, Ana Maria Sant'Anna<sup>1</sup></p> <p><sup>1</sup>Division of Pediatric Gastroenterology, Montreal Children's Hospital, Montreal, Québec, Canada  <sup>2</sup>Division of Pediatric General and Thoracic Surgery, Montreal Children's Hospital, Montreal, Québec, Canada  <sup>3</sup>Department of Child Life, Montreal Children's Hospital, McGill University Health Centre, Montreal, Québec, Canada</p>
66	P R	11:25 - 11:29	<p><b>Sclerotherapy for intramuscular vascular malformations: a single center experience</b></p> <p><u>Federico Scorletti</u><sup>1</sup>, Manish N Patel<sup>2</sup>, Adrienne M Hammill<sup>3</sup>, Kiersten W Ricci<sup>3</sup>, Charles M Myer IV<sup>4</sup>, Roshni Dasgupta<sup>1</sup></p> <p><sup>1</sup>Division of Pediatric General and Thoracic Surgery, Cincinnati Children's Hospital Medical Center, Cincinnati, Ohio, USA  <sup>2</sup>Department of Radiology, Cincinnati Children's Hospital Medical Center, Cincinnati, Ohio, USA  <sup>3</sup>Division of Hematology, Cancer and Blood Disease Institute, Cincinnati Children's Hospital Medical Center, Cincinnati, Ohio, USA  <sup>4</sup>Division of Pediatric Otolaryngology, Cincinnati Children's Hospital Medical Center, Cincinnati, Ohio, USA</p>
67	P R	11:30 - 11:34	<p><b>Unmet burden of pediatric surgical disease, delayed access to surgery, and surgical backlog in Africa</b></p> <p><u>Angela Lee</u><sup>1</sup>, Yasmine Yousef<sup>2</sup>, Elena Guadagno<sup>3</sup>, Frehun Ayele<sup>4</sup>, Dan Poenaru<sup>2</sup></p> <p><sup>1</sup>McGill University, Faculty of Medicine, Montreal, Québec, Canada  <sup>2</sup>Department of Pediatric General Surgery, Montreal Children's Hospital, Montreal, Québec, Canada  <sup>3</sup>McGill University Health Center, Montreal, Québec, Canada  <sup>4</sup>MyungSung Christian Medical Center, Addis Ababa, Ethiopia</p>

68	P R	11:35 - 11:39	<p><b>Surgical outcomes of patients with Beckwith-Wiedemann syndrome</b></p> <p><u>Candace C Style</u><sup>2</sup>, Stephanie M Cruz<sup>2</sup>, Patricio E Lau<sup>2</sup>, Timothy C Lee<sup>1,2,3</sup>, Oluyinka O Olutoye<sup>1,2,3</sup></p> <p><sup>1</sup>Texas Children's Fetal Center, Baylor College of Medicine, Houston, Texas, USA  <sup>2</sup>Michael E DeBakey Department of Surgery, Baylor College of Medicine, Houston, Texas, USA  <sup>3</sup>Department of Obstetrics and Gynecology, Baylor College of Texas, USA  <sup>4</sup>Pediatrics – Newborn Section, Baylor College of Medicine, Texas Children's Hospital, Houston, Texas, USA</p>
69	P R	11:40 - 11:44	<p><b>Intestinal malrotation in infants with omphalocele: a systematic review and meta-analysis</b></p> <p>Giuseppe Lauriti<sup>1,2</sup>, Valentina Cascini<sup>1</sup>, <u>Maria Enrica Miscia</u><sup>1</sup>, Pierluigi Lelli Chiesa<sup>1</sup>, Agostino Pierro<sup>2</sup>, Augusto Zani<sup>2</sup></p> <p><sup>1</sup>Department of Pediatric Surgery, "Spirito Santo" Hospital, Pescara, and "G. d'Annunzio" University, Chieti-Pescara, Italy  <sup>2</sup>Division of General and Thoracic Surgery, Hospital for Sick Children, Toronto, Ontario, Canada</p>
70	P	11:45 - 11:49	<p><b>Protocol development and preliminary outcomes of utilizing technology in adolescent bariatric surgery patients</b></p> <p><u>Melissa Santos</u>, Meghna Misra, Priya Phulwani, Nicole Boone, Jessica Zimmerman, Christine Finck</p> <p>Connecticut Children's Medical Center, Hartford, Connecticut, USA</p>
71	P R	11:50 - 11:54	<p><b>Introduction of a geographic information system (GIS)-enabled trauma registry and health records strengthening at a Uganda hospital</b></p> <p><u>Abdullah Saleh</u><sup>1</sup>, Martin Situma<sup>2</sup>, Bethany Easterbrook<sup>1</sup>, Tessa Elliott<sup>1</sup>, Abdulhanif Sheikh<sup>2</sup>, Samuel Shikaro Kaguongo<sup>2</sup>, Karen Bailey<sup>1</sup>, Brian Cameron<sup>1</sup></p> <p><sup>1</sup>McMaster University, Hamilton, Ontario, Canada  <sup>2</sup>Mbarara University of Science and Technology, Mbarara, Uganda</p>
72	P R	11:55 - 11:59	<p><b>Qualitative review of pediatric surgical checklists in clinical practice</b></p> <p><u>Janaka Lagoo</u><sup>1</sup>, Ali MacRobie<sup>2</sup>, Mary Brindle<sup>2,3</sup></p> <p><sup>1</sup>Ariadne Labs, Harvard School of Public Health, Boston, Massachusetts, USA  <sup>2</sup>EQuIS, Alberta Children's Hospital, Calgary, Alberta, Canada  <sup>3</sup>University of Calgary, Calgary, Alberta, Canada</p>

73	P R	11:15 - 11:19	<p><b>Maternal substance use and mortality rates in children with gastroschisis</b></p> <p><u>M Levesque</u><sup>1</sup>, SA Lum Min<sup>1,2</sup>, R Keijzer<sup>1,2</sup>, MI Morris<sup>1,2</sup></p> <p><sup>1</sup>Children's Hospital Research Institute of Manitoba, Winnipeg, Manitoba, Canada  <sup>2</sup>Department of Surgery, University of Manitoba, Winnipeg, Manitoba, Canada</p>
74	P R	11:20 - 11:24	<p><b>Intestinal ischemia in paediatric patients with ventricular assist devices</b></p> <p><u>Fady Kameel</u><sup>1</sup>, Holger Buccholz<sup>1,2,3</sup>, Bryan Dicken<sup>1,3</sup>, Jennifer Conway<sup>1,3</sup></p> <p><sup>1</sup>University of Alberta, Edmonton, Alberta, Canada  <sup>2</sup>Mazankowski Heart Institute, Edmonton, Alberta, Canada  <sup>3</sup>Stollery Children's Hospital, Edmonton, Alberta, Canada</p>
75	P R	11:25 - 11:29	<p><b>Anticoagulation results in increased line salvage for children with intestinal failure and central venous thrombosis</b></p> <p><u>Cory McLaughlin</u><sup>1</sup>, Monica Bennett<sup>2</sup>, Nandini Channabassapa<sup>3</sup>, Janna Journeycake<sup>4</sup>, Hannah G Piper<sup>5</sup></p> <p><sup>1</sup>Department of Surgery, Baylor University Medical Center, Dallas, Texas, USA  <sup>2</sup>Office of the Chief Quality Officer, Baylor Scott &amp; White Health, Dallas, Texas, USA  <sup>3</sup>Division of Pediatric Gastroenterology, University of Texas Southwestern/Children's Health, Dallas, Texas, USA  <sup>4</sup>Division of Pediatric Hematology and Oncology, University of Texas Southwestern/Children's Health, Dallas, Texas, USA  <sup>5</sup>Division of Pediatric Surgery, University of Texas Southwestern/Children's Health, Dallas, Texas, USA</p>
76	P R	11:30 - 11:34	<p><b>Stapled versus hand-sewn pediatric bowel anastomoses: a retrospective cohort study</b></p> <p><u>Graeme Hintz</u><sup>1</sup>, Abdullah Alshehri<sup>2</sup>, Carolyn Bell<sup>1</sup>, Sonia Butterworth<sup>2</sup></p> <p><sup>1</sup>University of British Columbia, Vancouver, British Columbia, Canada  <sup>2</sup>British Columbia Children's Hospital, Vancouver, British Columbia, Canada</p>
77	P R	11:35 - 11:39	<p><b>Transient post-operative polyuric syndrome after colo-rectal surgery in newborn and young infants</b></p> <p>Chiara Iacusso, Marianna Scuglia, Barbara Daniela Iacobelli, Laura Valfrè, Pietro Bagolan, Francesco Morini</p> <p>Neonatal Surgery Unit, Bambino Gesù Children's Hospital, IRCCS - Rome, Italy</p>

78	P	11:40 - 11:44	<p><b>Neonatal one-stage pull-through for Hirschsprung's disease: a systematic review and meta-analysis</b></p> <p><u>Carolyn Wayne</u><sup>1</sup>, Emily Chan<sup>1</sup>, Toufiq Islam<sup>1</sup>, Olga Bednarek<sup>1</sup>, Colin Way<sup>1</sup>, Jennifer Vincent<sup>1</sup>, Ahmed Nasr<sup>1,2</sup></p> <p><sup>1</sup>Department of Pediatric Surgery, Children's Hospital of Eastern Ontario, Ottawa, Ontario, Canada  <sup>2</sup>Faculty of Medicine, University of Ottawa, Ottawa, Ontario, Canada</p>
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79	P R	11:45 - 11:49	<p><b>Necrotizing enterocolitis in patients with congenital heart disease: a single center experience</b></p> <p><u>Patricio E Lau</u><sup>1</sup>, Stephanie M Cruz<sup>1</sup>, Elena Ocampo<sup>2</sup>, Sushma Nuthakki<sup>3</sup>, Candace C Style<sup>1</sup>, Timothy C Lee<sup>1</sup>, Oluyinka O Olutoye<sup>1</sup></p> <p><sup>1</sup>The Michael E. DeBakey Department of Surgery, Baylor College of Medicine, Houston, Texas, USA  <sup>2</sup>Texas Children's Hospital, Department of Pediatrics, Division of Cardiology, Baylor College of Medicine, Houston, Texas, USA  <sup>3</sup>Texas Children's Hospital, Department of Pediatrics, Division of Neonatology, Baylor College of Medicine, Houston, Texas, USA</p>
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80	P R	11:50 - 11:54	<p><b>Primary anastomosis versus enterostomy for infants with necrotizing enterocolitis: a systematic review and meta-analysis</b></p> <p>Yuhki Koike<sup>1,2</sup>, Hiromu Miyake<sup>1</sup>, Shogo Seo<sup>1</sup>, Yong Chen<sup>1</sup>, Alison Hock<sup>1</sup>, Mikihiro Inoue<sup>2</sup>, Uchida Keiichi<sup>2</sup>, Masato Kusunoki<sup>2</sup>, Agostino Pierro<sup>1</sup></p> <p><sup>1</sup>Division of General Surgery, Hospital for Sick Children, Toronto, Ontario, Canada  <sup>2</sup>Department of Gastrointestinal and Pediatric Surgery, Mie University Graduate School of Medicine, Tsu, Mie, Japan</p>
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81	P R	11:55 - 11:59	<p><b>Surgical outcomes in Alagille syndrome and PFIC: a single institution's 20-year experience</b></p> <p><u>Celia D Flores</u><sup>1</sup>, Yangyang R Yu<sup>1</sup>, Tamir A Miloh<sup>2</sup>, Mary L Brandt<sup>1</sup></p> <p><sup>1</sup>Division of Pediatric Surgery, Texas Children's Hospital, Baylor College of Medicine, Houston, Texas, USA  <sup>2</sup>Division of Pediatric Hepatology and Liver Transplant Medicine, Texas Children's Hospital, Baylor College of Medicine, Houston, Texas, USA</p>
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12:00 - 12:15	<b>Lunch Box pick up</b>		
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12:15 - 13:30	<p><b>CAPS Educational Session: "Difficult Case Conference- Lunch with Experts"</b>  <b>Moderators: Andrea Winthrop and Steve Lopushinsky</b></p>		
	<p>The Education Session will present challenging clinical cases for their panel of trainees and "experts" to discuss, including diagnostic work up, case management dilemmas and treatment options. The expert panel will weigh in on the discussion to provide additional insights. Audience participation will be requested using the audience response system.</p>		

13:30 -14:35		<b>Scientific Session #6 Oral Presentations: Oncology/Outcomes</b> <b>Moderators: Mary Brandt and Richard Keijzer</b>	
82	O	13:30 - 13:37	<p><b>Oncolytic vesicular stomatitis virus synergizes with sunitinib to treat neuroblastoma by modulating immune cell subsets</b></p> <p>A Rakic<sup>1</sup>, F Zemp<sup>2</sup>, D Kim<sup>2</sup>, V Naumenko<sup>2</sup>, H Dastidar<sup>2</sup>, D Mahoney<sup>2</sup>, P Beaudry<sup>1</sup></p> <p><sup>1</sup>Arnie Charbonneau Cancer Institute, Alberta Children's Hospital Research Institute, Department of Surgery, University of Calgary, Calgary, Alberta, Canada  <sup>2</sup>Arnie Charbonneau Cancer Institute Department of Oncology, University of Calgary, Calgary, Alberta, Canada</p>
83	O R	13:38 - 13:45	<p><b>Evaluating quality of life of extracorporeal membrane oxygenation survivors using the pediatric quality of life inventory survey</b></p> <p>Yangyang R Yu<sup>1</sup>, Jennifer L Carpenter<sup>1</sup>, Annalyn S DeMello<sup>1</sup>, Sundeep G Keswani<sup>1</sup>, Darrell L Cass<sup>1</sup>, Oluyinka O Olutoye<sup>1</sup>, Adam M Vogel<sup>1</sup>, James A Thomas<sup>2</sup>, Cole Burgman<sup>2</sup>, Caraciolo J Fernandes<sup>3</sup>, Timothy C Lee<sup>1</sup></p> <p><sup>1</sup>Texas Children's Hospital, Department of Surgery, Baylor College of Medicine, Houston, Texas, USA  <sup>2</sup>Texas Children's Hospital, Critical Care Section, Department of Pediatrics, Houston, Texas, USA  <sup>3</sup>Texas Children's Hospital, Neonatology Section, Department of Pediatrics, Houston, Texas, USA</p>
84	OR	13:46 - 13:53	<p><b>Laparoscopic cholecystectomy in Canadian children: what factors impact outcomes?</b></p> <p>Gileh-Gol Akhtar-Danesh<sup>1</sup>, Aristithes Doumouras<sup>1</sup>, Michael Livingston<sup>1</sup>, Cecily Bos<sup>1</sup>, Dennis Hong<sup>1,2</sup>, Helene Flageole<sup>1,3</sup></p> <p><sup>1</sup>Department of Surgery, McMaster University, Hamilton, Ontario, Canada  <sup>2</sup>St. Joseph's Healthcare Centre, Hamilton, Ontario, Canada  <sup>3</sup>Division of Pediatric Surgery, McMaster Children's Hospital, Hamilton, Ontario, Canada</p>
85	OR	13:54 - 14:01	<p><b>The relationship between preoperative nutritional state and adverse outcomes following abdominal and thoracic surgery in children: results from the NSQIP pediatric database</b></p> <p>Abdullah Alshehri, Graeme Hintz, Kouros Afshar, Erik Skarsgard</p> <p>Department of Surgery, British Columbia Children's Hospital, University of British Columbia, Vancouver, British Columbia, Canada</p>

86	OR	14:02 - 14:09	<p><b>Results after laparoscopic partial splenectomy for children with hereditary spherocytosis: are outcomes influenced by genetic mutation?</b></p> <p><u>Jakob Pugi</u><sup>1</sup>, Manuel Carcao<sup>1</sup>, Luke J Drury<sup>2</sup>, Jacob C Langer<sup>3</sup></p> <p><sup>1</sup>Division of Hematology/Oncology, Hospital for Sick Children, Toronto, Ontario, Canada  <sup>2</sup>Precision Genetics, Marshfield, Wisconsin, USA  <sup>3</sup>Division of General and Thoracic Surgery, Hospital for Sick Children, Toronto, Ontario, Canada</p>
87	O	14:10 - 14:17	<p><b>Probenecid as a new therapeutic treatment for neuroblastoma?</b></p> <p><u>Marie-Eve St-Pierre</u><sup>1</sup>, Stephanie Langlois<sup>1,3</sup>, Kyle N Cowan<sup>1,2,3</sup></p> <p><sup>1</sup>Molecular Biomedicine Program, Children's Hospital of Eastern Ontario, Ottawa, Ontario, Canada  <sup>2</sup>Department of Cellular and Molecular Medicine, University of Ottawa, Ottawa, Ontario, Canada  <sup>3</sup>Division of Paediatric Surgery, Department of Surgery, Children's Hospital of Eastern Ontario, University of Ottawa, Ottawa, Ontario, Canada</p>
88	O	14:18 - 14:25	<p><b>Pediatric outcomes associated with delays in access to emergent surgery: a risk stratified analysis</b></p> <p>Irena Zivkovic<sup>1</sup>, Seo Young Kim<sup>1</sup>, <u>Sonia Butterworth</u><sup>2</sup></p> <p><sup>1</sup>University of British Columbia, Vancouver, British Columbia, Canada  <sup>2</sup>Division of Pediatric Surgery, BC Children's Hospital, Vancouver, British Columbia, Canada</p>
89	OR	14:26 - 14:33	<p><b>Pediatric surgeons' involvement in pediatric palliative care</b></p> <p>Marianne Goudreault<sup>1</sup>, <u>Catherine K Beaumier</u><sup>2</sup>, Nago Humbert<sup>3</sup>, France Gauvin<sup>3</sup>, Monia Marzouki<sup>4</sup>, Nelson Piché<sup>2</sup>, Dickens St Vil<sup>2</sup></p> <p><sup>1</sup>Faculty of Medicine, Université de Montréal, Montreal, Québec, Canada  <sup>2</sup>Pediatric Surgery, CHU-Ste-Justine, Université de Montréal, Montreal, Québec, Canada  <sup>3</sup>Pediatric Palliative Care, CHU-Justine, Université de Montréal, Montreal, Québec, Canada  <sup>4</sup>Pediatric Oncology, CHU Ste-Justine, Université de Montréal, Montreal, Québec, Canada</p>

14:35 - 15:00	<b>President's Closing Remarks- 50<sup>th</sup> Anniversary Meeting Pre-Announcement</b>	Erik Skarsgard
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18:30 – 19:30	<b>Presidential Reception</b>	Mt Stephen Hall
19:30 – 24:00	<b>Presidential Banquet</b>	Cascade/Conservatory