

TABLE OF CONTENTS
E-POSTER PRESENTATIONS

Time	Group #	Room	Abstract #	Authors	Title
9:40 – 10:40	1	Green Room	23	Kate Dingle , Alex D'Ippolito, Dr. Alexandre Douplik, Dr. Alexandra Easson, Dr. Vivianne Freitas	<i>Tri-Modal Mosquito Bite Needle Endoscopy (MBNE) for Breast Cancer Diagnostics</i>
9:40 – 10:40	1	Green Room	26	Yosef Ellenbogen (SSTP) , Xin Wang, Vikas Patil, Alexander Landry, Jeff Liu, Justin Z Wang, Leeor Yefet, Mathew Voisin, Jeffrey Zuccato, Andrew Ajisebutu, Chloe Gui, Warren Mason, Farshad Nassiri, Eric X Chen, Gelareh Zadeh	<i>Plasma DNA Methylome Profiling Predicts Response to Olaparib and Durvalumab in Recurrent IDH-Mutant Gliomas: Results from a Phase II Trial</i>
9:40 – 10:40	1	Green Room	35	Syed M. Ali Hassan , Aishwarya Krishnaraj, Saleh Ibrahim, Ehab Bakbak, Daniella C. Terenzi, Hwee Teoh, Adrian Quan, C. David Mazer, Bobby Yanagawa, David A. Hess, Subodh Verma	<i>Impairment in Vascular Regenerative and Reparative Cell Flux in South Asians: A Novel Mechanism of Enhanced Atherosclerotic Risk</i>
9:40 – 10:40	1	Green Room	57	Vida Maksimoska , Qinghong Dan, Neetu Rambharack and Katalin Szász	<i>Role of Inflammation-Induced Paracrine VEGF Effects in Skin Healing</i>
9:40 – 10:40	1	Green Room	58	Anna Mandel , Yael Babichev, Jennifer Dorsey, Claire Wunker, Brendan C. Dickson, Abha Gupta, Elizabeth Demicco, Richard Marcellus, Rima Al-awar, Maryam Siddiqui, Rebecca A. Gladdy	<i>Selective Targeting of BET Family Epigenetic Regulators in Primary and Metastatic Alveolar Rhabdomyosarcoma</i>
9:40 – 10:40	2	CR-1	36	Hironori Hinokuma , Roya Navab, Nhu-An Pham, Yusuke Fujibayashi, Dai Sonoda, Fumi Yokote, Takahiro Yanagihara, Kenta Nakahashi, Noriko Hayama, Kentaro Miura, Yoshihisa Hiraishi, Nicholas Bernards, Ming S. Tsao, Kazuhiro Yasufuku	<i>YAP/TAZ regulated sensitivity to oxidative stress under drug tolerant persister (DTP) state in xenograft derived organoid (XDO) model</i>
9:40 – 10:40	2	CR-1	77	Gabriel Siebiger , Guillermo Garza, Nadav Furie, Marco Bosone, Fei Gao, Juan Montagne, Paolo Oliveira, Catherine A Bellissimo, Jenny Yune, Aizhou Wang, Yixin K Shan, Sarah E Hogan, Thomas H Petersen, Ana C Andreatza, Mingyao Liu, Shaf Keshavjee, Marcelo Cypel	<i>Mitochondrial transplantation for the recovery of donor lungs subjected to prolonged warm ischemia: a novel strategy to expand the donor pool for transplantation</i>
9:40 – 10:40	2	CR-1	83	Yamato Suzuki , Joe Betty, Sumiha Karunagaran, Mingyao Liu, Tereza Martinu, Shaf Keshavjee, Stephen Juvet	<i>A mouse model for pre-transplant administration of regulatory T cells (Tregs) to donor lungs followed by lung transplantation (LTx)</i>

Time	Group #	Room	Abstract #	Authors	Title
9:40 – 10:40	2	CR-1	105	Tanroop Auja , Kate Rokoss, Yingchun Wang, Bohan Zhu, Marcelo Cypel, Shaf Keshavjee, Mingyao Liu	<i>Storage of donor lungs at 10°C reduces ferroptosis - evidence from a cell culture model of lung transplantation.</i>
9:40 – 10:40	3	Café	45	Laura Kondrataviciute , Ivan Skelin, Minesh Kapadia, Srdjan Sumarac, Luis Antonio Franco Vergara, Luka Zivkovic, Jimmy George, Cherisse Tan, Hien Chau, Erdost Yildiz, Taufik Valiante, Luka Milosevic, Lorraine V. Kalia, Suneil K. Kalia	<i>A53T alpha-synuclein overexpression rat model of Parkinson's disease: behaviour and electrophysiology phenotyping</i>
9:40 – 10:40	3	Café	63	Julia Nomikos , Claire Wunker, Adam C. Waspe, Yael Babichev, Karolina Piorkowska, Suzanne Wong, Warren Foltz, J. Ted Gerstle, Elizabeth G. Demicco, Abha A. Gupta, James M. Drake, Hartland W. Jackson, and Rebecca A. Gladdy	<i>The Impact of Hyperthermia and Chemotherapy on the Immune Profile of a Murine Model of Rhabdomyosarcoma</i>
9:40 – 10:40	3	Café	67	Zeenal H. Patel , James Hong, Michael G. Fehlings	<i>Glial Transcriptional Diversity and Cellular Crosstalk Following Spinal Cord Injury</i>
9:40 – 10:40	3	Café	71	Thaiane Rispoli , Premalatha Shathasivam, Jonathan Allen, Niharikaa Aiyar, Adam Sundby, Frances Alisson, Yvonne Bach, Gavin Wilson, Jonathan Yeung	<i>Tumor-informed Liquid Biopsy For Esophageal Adenocarcinoma From Matched Cancer Organoid Culture</i>
9:40 – 10:40	3	Café	79	Muhammad Sohail , Sumarac, Hutchison, Lozano AM, Kalia SK, Milosevic L	<i>Electrophysiological signatures and effects of pallidal burst stimulation in Parkinson's disease</i>
9:40 – 10:40	4	Café	2	Anjela Abdul Wahid , Eveline Lapidus-Krol, Saurabh Saluja	<i>Interhospital Transfer In Children With Suspected Appendicitis - A Referral Center Experience</i>
9:40 – 10:40	4	Café	5	Ahmed Mohamed Ahmed , Andrew Howard	<i>Hemiepiphysiodesis with Percutaneous Transphyseal Screws versus Tension Band Plates for Correction of Knee Coronal Plane Deformities: A Systematic Review and Meta-Analysis</i>
9:40 – 10:40	4	Café	39	Aliya Izumi , Darshan Brahmhatt, Nitish Dhingra, Nazari Dvirnik, Johannes Koen, Phyllis Billia, Vivek Rao	<i>Identifying Early Predictors of Survival After LVAD Implantation: A Retrospective Analysis of INTERMACS 1 and 2 Patients</i>
9:40 – 10:40	4	Café	48	Allen Li , Harry Li, Daniel Tham. Wendy Yu, Ali Eshaghpour, Arshia Javidan, and Mark Crowther	<i>Anticoagulation after Lower Extremity Bypass Surgery for Peripheral Artery Disease - A Systematic Review and Meta-Analysis</i>

Time	Group #	Room	Abstract #	Authors	Title
9:40 – 10:40	5	Café	8	Kevin R. An , Lamia Harik, Mohamed Rahouma, Tulio Caldonazo, Robert H. Habib, Nitish K. Dhingra, Koji Takeda, Sigrid Sandner, Leonard N. Girardi, Yoshifumi Naka, Terrence M. Yau, Vivek Rao, Mario F.L. Gaudino	<i>Trends and Outcomes of Mechanical Circulatory Support in Cardiogenic Shock and Coronary Artery Bypass Grafting: An STS Database Analysis</i>
9:40 – 10:40	5	Café	11	Asha Behdinan (SSTP) , Zoya Gomes, Tiam Feridooni, Rajeev Kamadod, Wilson Suraweera, Ahmed Kayssi, Anna Dare, Prabhat Jha	<i>Understanding the Burden of Lower Extremity Amputations in India: A Preliminary Analysis</i>
9:40 – 10:40	5	Café	13	Adom Bondzi-Simpson (SSTP) , Tiago Ribeiro (SSTP), Andrea Covelli, Aisha Lofters, Rinku Sutradhar, Natalie G Coburn, Julie Hallet	<i>Association of Neighbourhood Socioeconomic Status and Ethnic Diversity With Failure to Rescue in Curative-Intent Colorectal Cancer Surgery: A Population-Based Cohort Study</i>
9:40 – 10:40	5	Café	30	Nicole L Fung , Filio Billia, Adriana C Luk, Vivek Rao	<i>Impact of a Dedicated ECMO Team on Outcomes Following VA-ECMO</i>
9:40 – 10:40	6	CR-2	38	Intekhab Hossain , Allan Okrainec, Timothy Jackson, Laura Scott, Katie Warwick, Kelly Chen, Lorraine Whitehead, Andras B. Fecso	<i>The First Canadian Academic Endobariatric Program: Initial Seven Month Experience With Endoscopic Transoral Outlet Reduction For Management Of Weight Regain Following Roux-En-Y Gastric Bypass</i>
9:40 – 10:40	6	CR-2	46	Dusan Kovacevic , Gurjovan Sahi, Darius Lameire, Aazad Abbas, Jaskarndip Chahal	<i>Minimal Clinically Important Difference and Patient Acceptable Symptom State for Patient-Reported Outcomes Following Common Arthroscopic Shoulder Sports Surgeries: A Systematic Review</i>
9:40 – 10:40	6	CR-2	47	Yerin R. Lee , Vasily Giannakeas, David W. Lim	<i>Retrospective, population-based cohort study on the associations between tumour size, receptor status, and regional nodal positivity rates for early-stage breast cancer: implications for the decision between upfront surgery vs neoadjuvant systemic therapy</i>
9:40 – 10:40	6	CR-2	54	Amanda Mac , Yerin Lee, Selena Zhang, Abu Sadat Mohammad Nurunnabi, Marina Englesakis, Karen Devon	<i>A Scoping Review on Goals of Care Discussions in Surgery: How Are We Doing and How Can We Do Better?</i>
9:40 – 10:40	7	CR-2	16	Jeremy P. J. Colangelo , Maria Carmela Tartaglia, Hugh E. Scully, Charles H. Tator	<i>Head Injury, Whiplash, and Concussion in Motor Vehicle Collisions</i>
9:40 – 10:40	7	CR-2	27	Mohamed Elsayed Elghobashy , Raymond Wong, Mohammed Ali Alvi, Negeen Halabian, Jiawen Deng, Ayesha Quddusi, Karlo M. Pedro, Jetan Badhiwala, Jefferson Wilson, Michael G. Fehlings	<i>Pain has a significant impact on post-operative quality of life outcomes in patients requiring surgical intervention for degenerative cervical myelopathy.</i>

Time	Group #	Room	Abstract #	Authors	Title
9:40 – 10:40	7	CR-2	59	Andrew Mihalache , Emily Volfson, Ryan S. Huang, Jonathan Persitz	<i>Carpal Tunnel Syndrome Attributed to Medication Use: A Pharmacovigilance Study</i>
9:40 – 10:40	7	CR-2	70	Lyon Qiao , Aymeric Barbarino, Michael Ko, Victoria Cheung, David Parente	<i>Use of Intercostal Nerve Cryoablation for the Management of Post-operative Pain after Pectus Excavatum Surgery in Older Adolescents and Young Adults</i>
9:40 – 10:40	8	CR-3	10	Azam, Riordan ; Person, Michael; Schellenberg, Morgan; Mann, Clay; Saskin, Refik, Patel, Bhavin, Nathens, Avery	<i>Airway Control in Trauma: Missed Opportunities Before the Move</i>
9:40 – 10:40	8	CR-3	12	Emma Blanchette , Vaibhav Gupta, Sameena Uddin, Esther Lau, Adam Mohammed, Abdollah Behzadi	<i>Survival Outcomes of Lobar vs. Sublobar Resection for Non-Small Cell Lung Cancer: A 10-Year Single-Centre Comparative Analysis</i>
9:40 – 10:40	8	CR-3	33	Brianna Greenberg , Alexandra W. Acher, Razan Habib, Matthew Castelo, Sabrina M. Wang, Rachel Roke, Grace Xu, Kevin Thorpe, Matthew Guttman, Julie Hendrick-Hallet, Paul Karanicolas	<i>Quality of Life after Oncologic Liver Surgery: An analysis derived from the HeLiX Trial</i>
9:40 – 10:40	8	CR-3	80	Gursharan Sohi , Arya Gore, Najib Safieddine, Sayf Gazala, Carmine Simone, Negar Ahmadi	<i>Understanding the Impact of COVID-19 Pandemic on Diagnosis and Management of Lung cancer: a Community Hospital Experience</i>
9:40 – 10:40	8	CR-3	84	Houman Tahmasebi, Gary Ko, Christine M. Lam (Presenter) , Idil Bilgen, Zachary Freeman, Rhea Varghese, Emma Reel, Marina Englesakis, Tulin D. Cil	<i>Multidisciplinary Oncology Education Among Postgraduate Trainees: A Systematic Review</i>
9:40 – 10:40	9	CR-3	7	Sulaiman Alrefai , Dionne Hsu, Jonathan Persitz, Atefeh Noori, Andrea Chan, Ryan Paul	<i>The Extended Flexor Carpi Radialis Approach for Distal Radius Fracture Fixation - A Prospective Study</i>
9:40 – 10:40	9	CR-3	17	Anser Daud , Darius Luke Lameire, Hasan Aleisawi, Tim Dwyer, Daniel B Whelan, Jaskarndip Chahal	<i>The impact of postoperative Neuromuscular Electric Stimulation (NMES) after Anterior Cruciate Ligament reconstruction: A systematic review and meta-analysis of randomized controlled trials</i>
9:40 – 10:40	9	CR-3	40	Richa Jaiswal , Vasily Giannakeas, David Lim	<i>An Analysis in Lobular Breast Cancer Patients: SEER population-based study.</i>
9:40 – 10:40	9	CR-3	73	Gurjovan Sahi , Aazad Abbas, Lydia Siu, Amy Wainwright, Barb McArthur, Paul Wong, Anne Marie Macleod, Ru Taggar, Albert Yee, Bheeshma Ravi, Colin McCartney, Martin Der Vyver, Markku Nousiainen	<i>Addressing Ontario's Surgical Backlog through the Toronto Regional Arthroplasty Collaborative (TRAC): A One-Year Review of Weekend Hip and Knee Arthroplasties</i>

Time	Group #	Room	Abstract #	Authors	Title
9:40 – 10:40	9	CR-3	82	Hrishikesh Suresh , Karim Mithani, Nebras M Warsi, Simeon M Wong, Jurgen Germann, Flavia Venetucci Gouveia, Sebastian C Coleman, Alexandre Berger, Timur H Latypov, Vann Chau, Shelly Weiss, Carolina Gorodetsky, Elizabeth Donner, Alexander G Weil, Jignesh Tailor, Taylor J Abel, Madison Remick, Emefa Akwayena, Dewi Schrader, Robert J Bollo, Matthew D Smyth, Diana Aum, Sean M Lew, Shelly Wang, Toba N. Niazi, Aria Fallah, Jeffrey S Raskin, Howard L Weiner, Nisha Gadgil, Gregory W Albert, Aristides Hadjinicolaou, Philippe Major, Farbod Niazi, Guillaume Theaud, Sami Obaid, Elysa Widjaja, Birgit Ertl-Wagner, Logi Vidarsson, Alexandre Boutet, James T Rutka, Melissa A LoPresti, Puneet Jain, George M Ibrahim	<i>Mapping a structural brain network to predict outcomes following vagus nerve stimulation in children and youth with drug-resistant epilepsy (CONNECTIVOS): A multicentre cohort study.</i>
9:40 – 10:40	10	CR-4	4	Precious Adekoya , Amna Majeed, Tega Ebeye, Efia Acquah, Dream Tuitt-Barnes, Emnet Ayele, Neyssa Demorcy, Banturaki, Deborah Gebreegziabher, Natnael Gebreegziabher, Fatika Musa Ismailu, Hannah Kersters, Shen Hong Law, Jia En Lee, Panagis Lykoudis, Aanchal Madhok, Louvensen Minthor, Zainab Musa Mustapha, Jenny Nazaire, Kirykos Pliatsikas, Bernina Revolus, Sofia Rozan, Emma Stein, Pantelis Tsantanis, Tan Vichet, and Barbara Jemec	<i>Exploring Barriers and Facilitators to Undergraduate Medical Education in High Income Countries versus Low- and Middle-Income Countries: A Survey Based Study</i>
9:40 – 10:40	10	CR-4	9	Emma Avery , Amna Majeed, Johanna Riesel	<i>The Use of Mental Skills Training and Emotional Regulation in Post-graduate Surgical Training Programs: A Scoping Review</i>
9:40 – 10:40	10	CR-4	41	Stephanie Jiang (SSTP) , Bellinda Yin (Presenter) , Ashlie Nadler, Justin Barr	<i>Comparison of Resident Salary and Living Wage in Canada: A Cross-Sectional Study</i>
9:40 – 10:40	10	CR-4	50	Hillary Lia , Aleah Kirsh, Jane Jomy, Melanie Hammond Mobilio, Amin Madani, Carol-anne Moulton, Frank Rudzicz	<i>Modeling the tone of the operating room: a predictive model of intraoperative team interaction</i>
9:40 – 10:40	10	CR-4	61	Celina Nahanni , Luxme Mahendira, Areesa Lalani, Leila Farahdel Peter Ferguson	<i>Impacts of Surgical Residency on Early Pregnancy Outcomes: A Systematic Review</i>
9:40 – 10:40	11	Atrium	20	Giulia Di Nardo , Mustafa Khanbhai, Jun Ma, Vivienne Freitas, Caterina Masino, Wey Liang Leong, Bo Wang, Ali Dolatabadi & Amin Madani	<i>Scaling Artificial Intelligence for Surgical Planning of Breast Cancer: From Magnetic Resonance Imaging Segmentation to 3D Reconstruction and Digital Twin Simulations</i>

Time	Group #	Room	Abstract #	Authors	Title
9:40 – 10:40	11	Atrium	21	Robert DiCesare , Umair Tahir, Norah F. Matthies, Jas Chahal, Ryan A. Paul, Andrea H.W. Chan	<i>The Use of Dual-Energy X-ray Absorptiometry in Evaluating Recovery Following Musculoskeletal Injuries in Athletes - A Scoping Review</i>
9:40 – 10:40	11	Atrium	34	Dave Gwun , Ivy Quan, Emery Potter, Rachel Loewen Walker, Alexandra L. Millman, Yonah Krakowsky, Gianni R. Lorello, Lucy C. Barker, Percy Lezard, David Urbach, Kathleen Armstrong	<i>Barriers and Facilitators to Advancing Gender-Affirming Surgery Medicare Policies in Canada: A Qualitative Description Study</i>
9:40 – 10:40	11	Atrium	75	Neha Shah , Kathleen Armstrong	<i>Management of High BMI and Comorbidities in Masculinizing Chest Surgery at an Ambulatory Center: No Impact of BMI or ASA on Complication Rates</i>
9:40 – 10:40	11	Atrium	76	Husain Shakil (SSTP) , Zixuan Hu, Christopher W. Smith, Armaan K. Malhotra, Ahmad Essa, Hui Ming Lin, Ervin Sejdić, Errol Colak, Christopher D. Witiw	<i>Development and Validation of an Artificial Intelligence Based Screening Tool for Triage of Acute Traumatic Cervical Spine Injury: Automated Surgical Intervention Support Tool (ASIST-CSI)</i>
9:40 – 10:40	11	Atrium	104	Raphael Kwok , Takuto Yoshida, Caterina Masino, Jaryd Hunter, Simon Laplante, Michael Brudno, Allan Okrainec, Amin Madani	<i>Development of an Artificial Intelligence Based Virtual Tool for Measuring Distances during Image-Guided Surgery</i>
9:40 – 10:40	12	Atrium	14	Matthew Castelo , Gary Ko, Eitan Amir, Andrea Covelli, Antoine Eskander, Vivianne Freitas, Anne Koch, Qing Li, Ning Liu, Jenine Ramruthan, Emma Reel, Amanda Roberts, Toni Zhong, Tulin Cil	<i>Virtual consultations for breast cancer patients in Ontario and the impact on wait times and referral patterns: A population-based study</i>
9:40 – 10:40	12	Atrium	51	Darby Little (SSTP) , Barbara Haas, Laura Rosella, Elliott Yee, Gemma Postill, Stephanie Mason	<i>The Association Between 30-Day Post-Discharge Primary Care Follow-Up and 3-Year Mortality in Burn Survivors</i>
9:40 – 10:40	12	Atrium	53	Christopher S Lozano (SSTP) , Husain Shakil, Vishwathsen Karthikeyan, Armaan K Malhotra, Jefferson R Wilson	<i>Re-assessing the Minimal Clinically Important Differences of Patient Reported Outcomes in Cervical Myelopathy: A Patient-Centered Approach from the Canadian Spine Outcomes and Research Network</i>
9:40 – 10:40	12	Atrium	56	Sheharzad Mahmood , Gary Ko, Qing Li, Ning Liu, Eitan Amir, Matthew Castelo, Andrea Covelli, AntoineEskander, Vivianne Freitas, C. Anne Koch, Jenine Ramruthan, Emma Reel, Amanda Roberts, Toni Zhong, and Tulin D. Cil	<i>Access to Immediate Breast Reconstruction During Breast Cancer Treatment: A Population-based Study</i>
9:40 – 10:40	13	Atrium	28	Carolina D Fiallos Herrera , Adam Sundby, Thiane Rispoli, Shaf Keshavjee, Jonathan C Yeung, Gavin W Wilson	<i>Monitoring Lung Health During Ex Vivo Lung Perfusion Using a Rapid Novel Technique: Methylation-Sensitive Restriction Enzyme Quantitative PCR</i>

Time	Group #	Room	Abstract #	Authors	Title
9:40 – 10:40	13	Atrium	37	Yoshihisa Hiraishi , Takahiro Yanagihara, Fumi Yokote, Lili Ding, Juan Chen, Jonathan Allen, Nicholas Bernards, Andrew Effat, Kate Kazlovich, Tsukasa Ishiwata, Yusuke Fujibayashi, Hironori Hinokuma, Noriko Hayama, Dai Sonoda, Kentaro Miura, Jonathan Yeung, Gang Zheng, Kazuhiro Yasufuku	<i>Radiotherapy vs Photodynamic therapy - Comparison of antitumor effects in a mouse xenograft model; and pulmonary toxicity in a rat interstitial lung disease model: Proof-of-concept study in animal models.</i>
9:40 – 10:40	13	Atrium	91	Chloe R. Wong (SSTP) , Mauz Asghar, Heather L. Baltzer	<i>A Dedicated Trauma Operating Room for Hand Surgery Reduces After-Hours Cases Without Affecting Wait Times: A Retrospective Single-Center Cohort Study</i>
9:40 – 10:40	14	Atrium	15	Elysia Chau , James Li, John Tran	<i>Evaluation of Pedicle Screw Placement in High-fidelity 3D Anatomical Models: A Pilot Study</i>
9:40 – 10:40	14	Atrium	22	Stefania DiLeo , Andrea Chan, Ryan Paul, Timothy Burkhart	<i>Finite Element Modeling to Simulate Gymnastics-Type Loading in Adolescent Wrists</i>
9:40 – 10:40	14	Atrium	52	Andrew Lombardi , Paula Yu, Harun Bola, Karl Cuddy, Maria Franco Echevarria, Teodora Gheorghe, Joel Davies, Anne Agur	<i>A Pilot Three-Dimensional Anatomical Study of the Fibula Free Flap Cutaneous Perforators</i>
9:40 – 10:40	14	Atrium	65	Prachi Patel , Remi Gao, Albert Fung, Ian McGilvray, Chaya Shwaartz	<i>From Concept to Reality: Developing an Immersive VR 3D Model for Complex Liver Surgery Education</i>
9:40 – 10:40	15	Atrium	19	Mimi Deng (SSTP) , Sachiko Kadowaki, Jing Li, Manya Lamba, Yasmin Zahiri, Yuiko Terasako, Robert Lao, Wei Hui, Marlee Parker, Filio Billia, Osami Honjo	<i>Evaluating the impact of extended warm ischemic time using ex vivo heart perfusion in juvenile porcine models of circulatory death</i>
9:40 – 10:40	15	Atrium	42	Portia Kalun , Stanley Hamstra, Cari Whyne, Normand Robert, Hans Kreder, Michelle Wong, Marie Dandal, John Joson, Jui-Ying Hong, Albert Yee, Marvin Tile, Markku Nousiainen	<i>Strengths and Gaps in Allied Health Team Member Performance during Surgical Procedures</i>
9:40 – 10:40	15	Atrium	94	Fumi Yokote , Takahiro Yanagihara, Kenta Nakahashi, Yusuke Fujibayashi, Hironori Hinokuma, Dai Sonoda, Noriko Hayama, Kentaro Miura, Hana Kosoy, Kate Kazlovich, Andrew Effat, Yoshihisa Hiraishi, Nicholas Bernards, Kazuhiro Yasufuku	<i>A Novel Intraoperative Radiation-Free Technique for Accurate Lung Tumor Localization in Video Assisted Thoracic Surgery</i>

Time	Group #	Room	Abstract #	Authors	Title
9:40 – 10:40	15	Atrium	96	Xuanzi Zhou , Bo Wang, Yiyang Wei, Serena Hacker, Sumin Kim, Thomas Borrillo, Abby McCaig, Haaniya Ahmed, Youxue Ren, Olivia Hough, Luca Orsini, Bonnie T. Chao, Micheal McInnis, Marcelo Cypel, Mingyao Liu, Jonathan C. Yeung, Lorenzo Del Sorbo, Shaf Keshavjee, Andrew T. Sage	<i>Digital twins of ex vivo human lungs enhance preclinical therapeutic evaluation</i>
12:30 - 13:30	16	Green Room	64	Andreas Pambis , Biao Li, Chengjin Li, Christopher Kim	<i>Therapeutic Potential of Proteoglycan 4-Engineered Mesenchymal Stromal Cells in Prevention of Osteoarthritis</i>
12:30 - 13:30	16	Green Room	81	Peter Suderman , Josephine Lui, T. Connor McCorkell, Rodrigo Munevar Luque, Judith Koenig, Adele Changoor.	<i>The Relationship Between Electroarthrography and Acute Synovitis in a Horse Model</i>
12:30 - 13:30	16	Green Room	92	Pak Yin Wong	<i>Relationship between Prominin-1 and STAT3/Jak Pathway in Biliary Atresia</i>
12:30 - 13:30	16	Green Room	98	Bohan Zhu , Kate Rokoss, Yingchun Wang, Mingyao Liu	<i>Determining the Presence and Mechanism of Ferroptosis in Steen-related Cell Injury in a Cell Culture Model</i>
12:30 - 13:30	17	CR-1	3	Ream Abdullah , Shelly Luu, Ning Fu, Karina Pacholczyk, Carol J Swallow	<i>KCNQ1 mediates FAM46C-induced tumour suppression in gastric adenocarcinoma</i>
12:30 - 13:30	17	CR-1	32	Huy Giang , Pak Yin Wong, Fereshteh Karimzadeh, Kasper Wang	<i>Biliary Atresia-The connection between Genetic factors, Cilia dysfunction, and disease onset</i>
12:30 - 13:30	17	CR-1	62	Deanna Ng , Yael Babichev, Josh Nash, Rebecca A Gladdy, Adam Shlien, Kieran Campbell, Carol J Swallow	<i>Genome-Wide Sequencing Analyses Reveal the Biological Determinants of Margin Status in Retroperitoneal Liposarcoma</i>
12:30 - 13:30	17	CR-1	95	Xinyang Zhang , Zhengwei Luo, Zhong-Ping Feng, Hong-Shuo Sun	<i>Neuroprotective and Anti-inflammatory Effects of TRPM7 Kinase Inhibition in Neonatal Hypoxic-Ischemic Brain Injury</i>
12:30 - 13:30	17	CR-1	103	Megan Williams , Joshua Nash, Yael Babichev, Brendan Dickson, Marjan Rouzbahman, Joanna Przybyl, Hagit Perez Soroka, Abha Gupta, Matt van de Rijn, Jonathon Solnik, Adam Shlien, Rebecca, Gladdy	<i>Describing the Transcriptional Subtypes of Smooth Muscle Tumours Identified by the RACCOON Clustering Algorithm.</i>
12:30 - 13:30	18	Café	18	Adriana Dekirmendjian (SSTP) , Erik Skarsgard, Kasper Wang, Augusto Zani	<i>Congenital Diaphragmatic Hernia in Canada: The First National Study on Patient Demographics and Clinical Outcomes</i>
12:30 - 13:30	18	Café	78	Khaled Skaik , Tarek Benzouak, Sarah Oulousain, Darius L. Lameire, Aazad Abbas, Ossama Al-Obaedi, Bheeshma Ravi	<i>Excision versus Preservation Of Infrapatellar Fat Pad During Total Knee Arthroplasty: A Systematic Review and Meta-analysis of Randomized Controlled Trials.</i>

Time	Group #	Room	Abstract #	Authors	Title
12:30 - 13:30	19	CR-2	29	Shireen Fikree , Naomi Eisenberg , Miranda Witheford , and Graham Roche-Nagle	<i>Women's Abdominal Aortic Aneurysm - Repair Early or at Threshold</i>
12:30 - 13:30	19	CR-2	44	Ziyad Khatab , Takuto Yoshida, Anannya Popat, Amanda Li, Jaryd Hunter, Michael Brudno, Amin Madani	<i>Enabling Surgical Coaching through Artificial Intelligence: Enhancing Mastery with Tool-Tissue Interaction Feedback</i>
12:30 - 13:30	19	CR-2	89	Lisa Vi , Samuel Gobrael, and Ivica Vucemilo,	<i>Covered Stents for Femoral Artery Pseudoaneurysms Following Percutaneous TAVI: A Case Series</i>
12:30 - 13:30	19	CR-2	101	Hoseok Seo , Anannya Rajesh Popat, Caterina Masino, Sojung Kim, Han Hong Lee, Kyo Young Song, Amin Madani	<i>AI-Assisted Histological Classification In Early Gastric Cancer: A Novel Approach Using Endoscopic Images</i>
12:30 - 13:30	19	CR-2	102	Shalin Shah , Chinmay Sangole, Sagar Tontanahal, Unni Narayanan	<i>Is Medial Hemiplateau Elevation Necessary in the Management of Infantile Blount's Disease?</i>
12:30 - 13:30	20	CR-3	1	Aazad Abbas , Johnathan Lex, David Lee, Michael Simone, Jay Toor, Elias Khalil, Cari Whyne	<i>Transforming Orthopaedic Trauma Care: Forecasting Operating Room Demand by Harnessing Machine Learning</i>
12:30 - 13:30	20	CR-3	25	Andrew Effat , Stephanie Williams, Anuja Goyal, Spencer Gable-Cook, Serena Hope, Hana Kosoy, Kenta Nakahashi, Yuki Sata, Nadia Mohammed, Fumi Yokote, Kate Kazlovich, Yoshihisa Hiraishi, Takahiro Yanagihara, Nicholas Bernards, Kazuhiro Yasufuku	<i>Logistic Regression Using Eye-Tracking Metrics Accurately Distinguishes Thoracic Surgery Trainees Before and After Hands-On Training on Minimally Invasive Resection</i>
12:30 - 13:30	20	CR-3	43	Vishwathsen Karthikeyan (SSTP) , Husain Shakil Armaan K. Malhotra Christopher S. Lozano Jefferson R. Wilson	<i>Doctor, Will My Hand Numbness Improve After Surgery?</i>
12:30 - 13:30	20	CR-3	49	Tiange Li (SSTP) , David-Dan Nguyen (SSTP), Jethro Kwong, Christopher Wallis, Monica Farcas	<i>Automating Systematic Review Screening with Large Language Models - Efficiency Gains and Cost Benefits in Evidence Synthesis</i>
12:30 - 13:30	20	CR-3	60	Hodan Mohamud , Lucshman Raveendran, Ronald Kodama, Sender Herschorn, Sarah Neu, and Rano Matta	<i>Optilume® Urethral Dilation for Urethral Stricture Disease: A Single-Center Longitudinal Retrospective Cohort With Long-Term Follow-up</i>
12:30 - 13:30	20	CR-3	69	Gemma Postill , Ingrid Giesinger, Elliott Yee, Darby Little, Brandon Zargorski, Bourke Tillmann, Matthew Guttman, Nathan Stall, Jonathan Zipursky, Avery Nathens, Laura Rosella, Barbara Haas	<i>Unsupervised Machine Learning Clustering of Injured Older Adults to Supporting Patient-Centered Outcome Prognostication after Severe Injury</i>
12:30 - 13:30	21	CR-4	6	Abdulaziz Almutair , Omar Alanazi, Aria Ravery, Alejandro Puente, TWH OA Research Group, Michael G. Zywiell, Christopher Kim, J Roderick Davey, Khalid Syed, Rajiv Gandhi, Nizar N Mahomed	<i>Perioperative Predictors of Ongoing Opioid Use in Patients with Prior Opioid Exposure Undergoing Hip and Knee Arthroplasty at One Year</i>

Time	Group #	Room	Abstract #	Authors	Title
12:30 - 13:30	21	CR-4	68	Christina Plahouras , Yael Babichev, Olga Vornicova, Daniel Durocher, Brendan Dickson, Albiruni Razak, Rebecca A. Gladdy	<i>PARP Inhibitors in Combination with Chemotherapy to Target Homologous Recombination Deficiency in Leiomyosarcoma</i>
12:30 - 13:30	21	CR-4	88	Bianca Vescio , Cameron Pow, Aazad Abbas, Gurjovan Sahi, Darius Luke Lameire, Sam Si-Hyeong Park	<i>Minimum Clinically Important Difference and Patient Acceptable Symptomatic State Values in Primary Sports Foot and Ankle Interventions: A Systematic Review</i>
12:30 - 13:30	21	CR-4	90	Emily Volfson , Ahmad Essa, Ryan Paul, Andrea Chan, Shawn Khan, Jonathan Persitz	<i>Meta-Analysis of Randomized Controlled Trials: Comparing Casting and Percutaneous Screw Fixation for Non-Displaced or Minimally Displaced Scaphoid Waist Fractures</i>
12:30 - 13:30	21	CR-4	93	Leeor S. Yefet (SSTP) , Alexander P. Landry, Justin Wang, Jeff Liu, Vikas Patil, Chloe Gui, Yosef Ellenbogen, Andrew Ajisebutu, Farshad Nassiri, Gelareh Zadeh	<i>Molecular Characterization of RTOG-0539 Risk Groups in Meningioma: Insights into Radiotherapy Response and Tumor Biology</i>
12:30 - 13:30	22	Atrium	74	Ajay Shah (SSTP) , Cari Whyne, Alex Kiss, Hans Kreder, Dawit Gulta, Stephen Chen, Harman Chaudhry, on behalf of the SAFE-T investigators	<i>Safe Activity participation Following Elective Total hip replacement - SafeT</i>
12:30 - 13:30	22	Atrium	86	Jordyn Vernon , Kimberley Lam-Tin-Cheung, Bailey Russell, Marisa Louridas	<i>Exploring Second Victim Syndrome Among Surgeons at the University of Toronto and Assessing the Need for Peer Support</i>
12:30 - 13:30	22	Atrium	87	Dominique Vervoort ; Maral Ouzounian; Stephen Fremes	<i>Access to Cardiac Surgery in Ontario, Canada: A Geospatial Analysis</i>
12:30 - 13:30	23	Atrium	24	Çağdaş Duru , Alina Stoian, Felor Biniazan, Florian LeBillan , Golnaz Karoubi, Siba Haykal	<i>24-Hour Ex-Vivo Perfusion in the Swine Total Hindlimb Model</i>
12:30 - 13:30	23	Atrium	31	Fei Yu Gao , Guillermo Garza, Gabriel Siebiger, Marco Bosone, Nadav Furie, Juan Montagne, Aizhou Wang, Francisco Calderon Novoa, Alberto Guimaraes, Paolo Olivera, Kenji Nakamura, Matheus Saraiva De Moraes, Miguel Martinez Santos, Jenny Yune, Yu Zhang, Mingyao Liu, Markus Selzner, Shaf Keshavjee, Marcelo Cypel	<i>Combined Normothermic Ex Vivo Lung-Kidney Perfusion System Improves Acid-Base Homeostasis and Glucose Regulation in a Swine Model</i>
12:30 - 13:30	23	Atrium	85	James Thistle , Monica Yuen, Cheuk See Yau, Ka Yan Ip, Denise Gabrielson, Ekaterina Kosyachkova, Teresa Tiano, Elena Elimova, Howard Lim, Daniel Schiller, Biniam Kidane, Christine Brezden-Masley, Farhana Shariff, Natalie Coburn	<i>Establishing Nutritional Management Guidelines For Gastric Cancer Care: A RAND/UCLA Modified-Delphi Consensus Panel</i>

Time	Group #	Room	Abstract #	Authors	Title
12:30 - 13:30	23	Atrium	97	Alice Zhu (SSTP) , Adom Bondzi-Simpson, Alyson Mahar, Amy T. Hsu, Paul James, Zharmaine Ante, Ivy Ip, Ekaterina Kosyachkova, Julie Hallet, Natalie G Coburn	<i>Identification of Patients at Risk of Moderate-to-Severe Pain After Gastrointestinal Cancer Diagnosis</i>
12:30 - 13:30	23	Atrium	99	Siyi Zhu , Donny Chan, Jonathan Allen, Frances Allison, Yvonne Bach, Elliot Wakeam, Gail E. Darling, Sangeetha N. Kalimuthu, Elena Elimova, Gavin W. Wilson, Jonathan C. Yeung	<i>Investigating the Role of QKI in Tumor Differentiation in Esophageal Adenocarcinoma</i>
12:30 - 13:30	23	Atrium	100	Anudari Zorigtbaatar (SSTP) , Felix Beaudry, Christian Magyar, Arndt Vogel, Grainne O'Kane, Robert Grant, Gonzalo Sapisochin	<i>Profiling Resected Cholangiocarcinoma to Inform the Risk of Recurrence: A Whole Genome Sequencing Analysis</i> <i>Profiling Resected Cholangiocarcinoma to Inform the Risk of Recurrence: A Whole Genome Sequencing Analysis</i>