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Time	Group	Room	E-poster #	Authors	Title of the abstract
14:00 - 15:00	18	CR-1	40	<b>Hannah Ghassabeh</b> , Terence Tang, Lauren Toy, Zachary Fishman, Cari Whyne, Michael Hardisty	<i>Paraspinal Muscle Infiltration Is Associated with Vertebral Compression Fracture Following Spine SBRT</i>
14:00 - 15:00	18	CR-1	47	<b>Syed M. Ali Hassan</b> , C David Mazer, Lawrence A Leiter, Hwee Teoh, G B John Mancini, Adrian Quan, Randi Elituv, Meena Verma, Michael Szarek, Aishwarya Krishnaraj, Stephen J Nicholls, Deepak L Bhatt, Subodh Verma	<i>Effect of Evolocumab on Saphenous Vein Graft Patency After Coronary Artery Bypass Surgery (NEWTON-CABG CardioLink-5): An International Translational, Randomised, Double-blind, Placebo-controlled Trial</i>
14:00 - 15:00	19	Café	81	<b>Zeenal H. Patel</b> , James Hong, Michael G. Fehlings	<i>A Cross-Dataset Single-Nucleus Astrocyte Atlas Uncovers Conserved Loss of Neuronal Support Programs After Spinal Cord Injury</i>
14:00 - 15:00	19	Café	82	<b>Katarzyna Pieczonka</b> , Mohamad Khazaei, James Hong, Jian Wang, Michael G Fehlings	<i>Characterizing Inducible Oligodendrogenically-Biased Neural Progenitor Cells for the Treatment of Spinal Cord Injury</i>
14:00 - 15:00	19	Café	121	<b>Yunke Wu</b> , Julia Bandura, Alicia Harracksingh, Hong-Shuo Sun, Zhong-Ping Feng	<i>Neuronal Activity Underlying Breathing Behaviour is Associated with Successful LTM Formation following Aversive Operant Conditioning</i>
14:00 - 15:00	19	Café	123	<b>Fernanda Yamamoto Ricardo da Silva</b> , Tanroop Aujla, Jorge Castillo Prado, Ysabel Fine, Yingchun Wang, Mingyao Liu	<i>Testing an Innovative Solution for Prolonged Ex Vivo Lung Perfusion in Declined Human Lungs</i>
14:00 - 15:00	19	Café	124	<b>Meng Yang</b> , Yanbing Shi, Hong-Shuo Sun, Zhong-Ping Feng	<i>Neuroprotection by Ryanodine Receptor 2 Inhibition in Hypoxic-Ischemic Brain Injury via Autophagy and Mitophagy Pathways</i>
14:00 - 15:00	19	Café	132	<b>Xinyang Zhang</b> , Hio Lam Ho, Barbara Gundi, Zhong-Ping Feng, Hong-Shuo Sun	<i>Histone Deacetylase Inhibitor Suberoylanilide Hydroxamic Acid Confers Neuroprotection in Neonatal Hypoxic-ischemic Brain Injury</i>
14:00 - 15:00	20	Café	20	<b>Leo C. Chen</b> , Jun Ma, Bo Wang, Kenneth T. Pace	<i>AI-SKALPEL: AI-Segmentation of Kidney Anatomy and Lithiasis for Precision and Enhanced Learning</i>
14:00 - 15:00	20	Café	113	Gilad Rotem, <b>Emily Volfson</b> , Emily Domerchie, Chloe Wong, Jordan Farag, Heather Baltzer	<i>Referral Barriers and Diagnostic Delays in Iatrogenic Nerve Injuries: Experience from a Multidisciplinary Peripheral Nerve Clinic</i>
14:00 - 15:00	20	Café	118	<b>Yiyang Wei</b> , Xuanzi Zhou, Serena Hacker, Shaf Keshavjee, Andrew Sage	<i>Towards a Real-Time Artificial Intelligence-Based Agent for Personalized Ex Vivo Lung Perfusion</i>
14:00 - 15:00	20	Café	127	<b>Jenny Yune</b> , Amy Strilchuk, York Xu, Paolo Oliveira, Gabriel Siebiger, Stephen Juvet, Mingyao Liu, Bowen Li, Shaf Keshavjee, Marcelo Cypel, Aizhou Wang	<i>Developing a Safe and Effective Lipid Nanoparticle for Endothelial Gene Delivery During EVLP</i>
14:00 - 15:00	20	Café	130	<b>Michael Zhou</b> , Fatemeh Ganji, Andras Nagy, Thomas K Waddell, Golnaz Karoubi	<i>The Use of Safe and Immune-Evasive Cells as a Cell Replacement Therapy for Cystic Fibrosis</i>
14:00 - 15:00	21	CR-2AB	19	<b>Inaam Chattha</b> , Christine Novak, Ronald Zuker, Heather Baltzer, Kevin Zuo	<i>A Cross-Sectional Study of Oral Health Burden in Facial Paralysis Patients</i>

Time	Group	Room	E-poster #	Authors	Title of the abstract
14:00 - 15:00	21	CR-2AB	61	Yerin R. Lee, Vasily Giannakeas, David W. Lim	<i>Evaluating Nodal Burden in T1-T2 HR+HER2- Breast Cancer: Implications for SLNB Omission in Patients ≥50 Years</i>
14:00 - 15:00	21	CR-2AB	94	Jasleen Saini (SSTP), Paul Tieu, Christopher S. Lozano, Vishwathsen Karthikeyan, Husain Shakil, Armaan K. Malhotra, Ying Shi He, Saira B. Alli, Douglas Lee, Jefferson R. Wilson, Christopher W. Noel, Christopher D. Witiw	<i>Endoscopic Versus Open Microdiscectomy for Lumbar Disc Herniation: A Cost-Utility Analysis Using a Lifetime Markov Model</i>
14:00 - 15:00	21	CR-2AB	99	Sanewal Singh, David Gomez	<i>Resuscitative Endovascular Balloon Occlusion of the Aorta in Trauma Care: An Analysis Incorporating Lowest Systolic Blood Pressure</i>
14:00 - 15:00	21	CR-2AB	125	Elliott K. Yee (SSTP), Darby Little, Stephanie A. Mason, Laura C. Rosella, Liisa Jaakkimainen, Brandon M. Zagorski, Gemma Postill, Avery B. Nathens, Bourke W. Tillmann, Barbara Haas	<i>Routine Primary Care Cancer Screening is Associated with Reduced Long-Term Mortality After Severe Traumatic Injury</i>
14:00 - 15:00	22	CR-2AB	2	Joanne Abi-Jaoude (SSTP), Jean Jacob-Brassard, Olivia Haldenby, Surain Roberts, Amol Verma, Javier Garay-Fernandez, Conrad Pow, Anne Loffler, Charles de Mestral	<i>Incidence Of Severe Foot Complications And Amputation Among People With Diabetes: A Population-Based Retrospective Cohort Study</i>
14:00 - 15:00	22	CR-2AB	12	Asha Behdinan (SSTP), Tiam Feridooni, Rajeev Kamadod, Wilson Suraweera, Rashmi Rodrigues, Prabhat Jha, Anna Dare, Ahmed Kayssi	<i>Understanding the Burden of Lower Extremity Amputation and Limb-Threatening Disease in India: A Population-Based Study</i>
14:00 - 15:00	22	CR-2AB	28	Anton P. Dmitriev, Polycronis P. Akouris, Arshia P. Javidan, Kian Draper, George Elzawy, Fady Ebrahim, Ivica Vucemilo	<i>Alternative anticoagulants in heparin-sensitive patients undergoing carotid artery interventions: A scoping review</i>
14:00 - 15:00	22	CR-2AB	44	Noam Goder, Yasmin Meghdadi, Marshall Thibedeau, Alan Rogers, David L Wallace, and Stephanie A Mason	<i>Calibration Drift of the Revised Baux Score in Contemporary Older Adult Burn Patients and Development of Admission and 48-Hour Landmark Mortality Prediction Models</i>
14:00 - 15:00	22	CR-2AB	49	Shintaro Honda, Mohammed Alvi, Michael Fehlings	<i>Spinal Cord Morphometrics in Degenerative Cervical Myelopathy</i>
14:00 - 15:00	23	CR-3	39	Kevin Ghajar, Adham Elsherbini, Meerab Majeed, Jonathan Persitz, Alexandre McDougall, Kevin J. Zuo	<i>Cost and Time Savings of Point-of-Care Ultrasound in a Hand Clinic: An 18-Month Retrospective Analysis</i>
14:00 - 15:00	23	CR-3	98	Alisha Sharma, Sylvie Cornacchi, Manraj Kaur, Anne Klassen, Kathleen Armstrong	<i>Aesthetic, Sensory and Functional Experiences Following Transfeminine Gender-Affirming Bottom Surgery - An International Qualitative Study</i>
14:00 - 15:00	23	CR-3	101	Aghaghia Mokhber, Katelynn Tang, Oladele Situ, Anne C. O'Neill, Tulin D. Cil, Toni Zhong, Stefan O. P. Hofer, David R. McCready, Kelly Metcalfe, David W. Lim	<i>Impact of decision regret on psychosocial outcomes after surgery in women with unilateral breast cancer.</i>

Time	Group	Room	E-poster #	Authors	Title of the abstract
14:00 - 15:00	23	CR-3	104	<b>Olawale A. Sogbein</b> , Paul Klas, Joseph Di Michele, Patrick Henry, Ujash Sheth, Diane Nam	<i>A Comparison of Clinical Outcomes in Proximal Humerus Fractures Treated with Single or Dual-Plate Constructs</i>
14:00 - 15:00	23	CR-3	119	<b>Chloe R. Wong (SSTP)</b> , Bettina Hansen, David Urbach, Karen Tu, Christopher D. Witiw, Heather L. Baltzer	<i>Development and Validation of a Prediction Model for Thirty-day Emergency Department Visits Following Adult Hand and Wrist Fractures: A Population-based Cohort Study</i>
14:00 - 15:00	24	CR-4	46	<b>Omar Hassan</b> , Soichiro Takamiya, Azam Asgarihafshejani, Daniel Furlan, Mohammad Zavvarian, Akshat Modi, Tetsuhiko Mimura, Michael Fehlings	<i>Torseמידe Attenuates Neural Hyperexcitability to Enhance Functional Recovery after Cervical Spinal Cord Injury</i>
14:00 - 15:00	24	CR-4	60	<b>Manya Lamba</b> , Robert X Lao, Mimi Deng, Sachiko Kadowaki, Ahsan Siraj, Mansoor Husain, Osami Honjo	<i>Inflammatory Cell Death Pathways in Pediatric Cardiac Surgery Associated Ischemia-Reperfusion Injury</i>
14:00 - 15:00	25	Atrium	32	<b>Najat Said ElFarra</b> , Hoseok Seo, Han Hong Lee, Caterina Masino, Wagner H Souza, Amin Madani	<i>An Artificial Intelligence Pipeline for Intraoperative Guidance of Radical Lymph Node Dissection in Gastric Cancer Surgery</i>
14:00 - 15:00	25	Atrium	90	<b>Dharsan Ravindran</b> , Aazad Abbas, Johnathan Lex, Albert Yee, Avery Nathens, Jay Toor, Elias Khali, Cari Whyne	<i>Optimizing Urgent OR Access: Machine Learning Forecasting of Daily Surgical Demand Across High-Volume Specialties at a Level 1 Trauma Center</i>
14:00 - 15:00	25	Atrium	97	<b>Michael Shaikhet</b> , Enzo Rabbath, Aazad Abbas, Robert Koucheiki	<i>Metagenomic next-generation sequencing for diagnosis of spinal infection: a systematic review and meta-analysis of diagnostic accuracy and clinical impact</i>
14:00 - 15:00	25	Atrium	111	<b>Lauren Toy</b> , Geoff Klein, Cari Whyne, Michael Hardisty	<i>Vertebral Detection and Segmentation for Automated Spinal Metastases Imaging Pipeline</i>
14:00 - 15:00	25	Atrium	126	<b>Nicholas J. Yee (SSTP)</b> , Yohannes Soenjaya, Michael Hardisty, Christine Démoré, Mansur Halai, Cari Whyne	<i>HipSAFE: automating hip fracture detection on ultrasound imaging using deep learning</i>
14:00 - 15:00	26	Atrium	17	<b>Anusha Broekhuysse</b> , Queenny Chiu, Peter Dirks, Catherine Coolens, Abhaya V. Kulkarni, Farzad Khalvati, Jennifer Quon	<i>Deep Learning Based Pediatric Arteriovenous Malformation Segmentation Modelling for Stereotactic Radiosurgery Planning</i>
14:00 - 15:00	26	Atrium	18	<b>Ka Yan Ip</b> , Cheuk See Yau, <b>Luna Canaj</b> , Regis Gu, Natalie Coburn	<i>A Systematic Assessment of the Reliability, Readability, Understandability and Actionability of Online Gastric Cancer Patient Education Materials</i>
14:00 - 15:00	26	Atrium	25	<b>Armaan Dhanoa</b> , Jade Park, Tyeé Fellows, Alan Rogers, David Wallace	<i>Mobile Applications in Burn Care: A Scoping Review</i>
14:00 - 15:00	26	Atrium	33	<b>Mandana Emam</b> , Jianyue Bai, Joshua Ramjist, Eveline Lapidus-Krol, Annie Fecteau	<i>Leveraging Artificial Neural Networks To Predict Abscess Formation In Acute Pediatric Complicated Appendicitis</i>

Time	Group	Room	E-poster #	Authors	Title of the abstract
14:00 - 15:00	26	Atrium	77	<b>Emily Lan-Vy Nguyen</b> , Prachikumari Patel, Sandra Holdsworth, Albert Fung, Cynthia Tsien, Kerry Mundy, Afsana Lallani, Jessica Travis, Vanessa Smith, Julie Chesell, Ian McGilvray, Chaya Shwaartz	<i>From Lived Experience to Learning: Co-Designing Animated Videos for Liver Transplant Education</i>
14:00 - 15:00	26	Atrium	109	<b>Jiaxin Tian</b> , Ji Wang, Jennifer Quon	<i>Digital Subtraction Angiography (DSA)- Based Cerebral Vessel Segmentation and Arteriovenous Malformation Localization Using Artificial Intelligence</i>
14:00 - 15:00	27	Atrium	4	<b>Polycronis P. Akouris</b> , Rebecca Wu, Sangwook Kim, Chris McIntosh, Sean A. Crawford	<i>Automated Deep Learning-Based Segmentation of the Aorta and Major Branch Vessels from CT Angiography</i>
14:00 - 15:00	27	Atrium	5	<b>Amjad Alghamyan</b> , Robert Koucheqi, Johnathan R. Lex, Aazad Abbas, Jay Toor, Paul Kuzyk, Bheeshma Ravi, Jesse Wolfstadt	<i>When Is Negative Pressure Wound Therapy Worth It? Infection Risk Thresholds After Revision Arthroplasty</i>
14:00 - 15:00	27	Atrium	26	<b>Giulia Di Nardo</b> , Chang (John) Tan, Ryan Sadeghian-Nia, Caterina Masino, Wagner H. Souza, Ali Dolatabadi & Amin Madani	<i>Scaling Artificial Intelligence-Derived Digital Twins for Surgical Simulation</i>
14:00 - 15:00	27	Atrium	30	<b>Andrew Effat</b> , Esther Dou, Fumi Yokote, Tomokazu Omori, Mia Pietras, Noriko Hayama, Kate Kazlovich, Kenta Nakahashi, Yusuke Fujibayashi, Hironori Hinokuma, Dai Sonoda, Kentaro Miura, Ko Matsumura, Hana Kosoy, Michellie Choi, Areebah Khalifa, Nicholas Bernards, Robert Weersink, Kazuhiro Yasufuku	<i>Deep Learning-Based Segmentation of Preclinical Tumors Using nnU-Net: Discrepancy Between Dice and Boundary Metrics</i>
14:00 - 15:00	27	Atrium	83	<b>Deween Piyasena</b> , Serena Hacker, Haaniya Ahmed, Xuanzi Zhou, Maxwell Wei, Naina Sawal, Marcelo Cypel, Aman Sidhu, Tereza Martinu, Shaf Keshavjee, Andrew T. Sage	<i>Predicting Post-Transplant FEV1 Using Donor Lung Function Measured During EVLP with Machine Learning</i>