POSTER # 1
TOPIC: Clinical/Quality improvement
TITLE: Signs and Symptoms of Opiate/Methadone Overdose: Deadly Treatment Needed!
PRESENTING AUTHOR: Donna Collins, Crystal Clear Transitional Care Inc., Education, Quality Improvement, Patient Safety, Symptom Translation;, Saint John, New Brunswick, Canada.
POSTER PRESENTATION SESSION: Thursday, October 30, 13:30 - 15:00.

POSTER # 2
TOPIC: Clinical/Quality improvement
TITLE: Extubation Checklist - A call for 'Mandatory' Implementation
POSTER PRESENTATION SESSION: Thursday, October 30, 13:30 - 15:00.

POSTER # 3
TOPIC: Clinical/Quality improvement
TITLE: Proposed Changes to ACLS Algorithm
POSTER PRESENTATION SESSION: Thursday, October 30, 13:30 - 15:00.

POSTER # 4
TOPIC: Clinical/Quality improvement
TITLE: Changing Practice: Management of Delirium in Critical Care
PRESENTING AUTHOR: Alanna Cunningham, Alberta Health Services, Allied Health, Rehabilitation, Calgary, Canada.
POSTER PRESENTATION SESSION: Thursday, October 30, 13:30 - 15:00.

POSTER # 5
TOPIC: Clinical/Quality improvement
TITLE: The Impact of Using Physiotherapy Self-Referral in the Medical–Surgical Neurological Intensive Care Unit
PRESENTING AUTHOR: Lisa Muc, University Health Network, Toronto, Canada.
POSTER PRESENTATION SESSION: Thursday, October 30, 13:30 - 15:00.
POSTER # 6
TOPIC: Clinical/Quality improvement
TITLE: Characterization of psychotropic drug use surrounding physical restraint application in mechanically ventilated, critically ill adults.
PRESENTING AUTHOR: Melanie Guenette, Mount Sinai Hospital, Pharmacy, Toronto, Canada.
POSTER PRESENTATION SESSION: Thursday, October 30, 13:30 - 15:00.

POSTER # 7
TOPIC: Clinical/Quality improvement
TITLE: Jump Start your Heart; Advancing Early Mobility in the Coronary Intensive Care Unit
PRESENTING AUTHOR: Claire Holland, University Health Network, CICU, Toronto, Canada.
POSTER PRESENTATION SESSION: Thursday, October 30, 13:30 - 15:00.

POSTER # 8
TOPIC: Clinical/Quality improvement
TITLE: The Impact of Enhanced Critical Care Weekend Physiotherapy Service Provision
PRESENTING AUTHOR: Megan Hudson, University Health Network, Physiotherapy, Allied Health, Toronto, Canada.
POSTER PRESENTATION SESSION: Thursday, October 30, 13:30 - 15:00.

POSTER # 9
TOPIC: Clinical/Quality improvement
TITLE: Checking All the Right Boxes: The Development of a Checklist for Prone Positioning of the Adult Critical Care Patient
PRESENTING AUTHOR: Beth Linseman, Sunnybrook Health Sciences Centre, Critical Care Unit, Toronto, Canada.
POSTER PRESENTATION SESSION: Thursday, October 30, 13:30 - 15:00.

POSTER # 10
TOPIC: Clinical/Quality improvement
TITLE: Nutrition Support Practices in a Medical-Surgical Intensive Care Unit: A Prospective Study on Nutrition Adequacy and Adherence to Clinical Practice Guidelines
PRESENTING AUTHOR: Michele McCall, St. Michael's Hospital, Medical/Surgical Intensive Care Unit, Toronto, Canada.
POSTER PRESENTATION SESSION: Thursday, October 30, 13:30 - 15:00.

POSTER # 11
TOPIC: Clinical/Quality improvement
TITLE: Using Lean Methodology to Improve the Process of Transporting Critically Ill Paediatric Patients to Magnetic Resonance Imaging (MRI)
**PRESENTING AUTHOR:** Andrea McCormick, The Hospital for Sick Children, Critical Care, Toronto, Canada.
**POSTER PRESENTATION SESSION:** Thursday, October 30, 13:30 - 15:00.

**POSTER # 12**
**TOPIC:** Clinical/Quality improvement
**TITLE:** Decreasing Mislabeled Specimens in Paediatric Critical Care by Using a Positive Deviance Methodology and Standard Work Audits
**PRESENTING AUTHOR:** Andrea McCormick, The Hospital for Sick Children, Critical Care, Toronto, Canada.
**POSTER PRESENTATION SESSION:** Thursday, October 30, 13:30 - 15:00.

**POSTER # 13**
**TOPIC:** Clinical/Quality improvement
**TITLE:** Motivators and Stressors for Canadian Research Coordinators in Critical Care: The MOTIVATE Survey
**PRESENTING AUTHOR:** Ellen McDonald, McMaster University, Critical Care Research, Hamilton, Canada.
**POSTER PRESENTATION SESSION:** Thursday, October 30, 13:30 - 15:00.

**POSTER # 14**
**TOPIC:** Clinical/Quality improvement
**TITLE:** Introducing an Enteral Feeding Algorithm to Optimize Nutritional Support for Critically Ill Patients
**PRESENTING AUTHOR:** Karen Meredith, University Health Network, Critical Care, Toronto, Canada.
**POSTER PRESENTATION SESSION:** Thursday, October 30, 13:30 - 15:00.

**POSTER # 15**
**TOPIC:** Clinical/Quality improvement
**TITLE:** Sepsis Now a Priority: Development and Implementation of a Sepsis Algorithm in the Emergency Department of an Academic Hospital Using an Integrated Knowledge Translation Approach
**PRESENTING AUTHOR:** Sara West, Mt. Sinai Hospital, Toronto, Canada.
**POSTER PRESENTATION SESSION:** Thursday, October 30, 13:30 - 15:00.

**POSTER # 16**
**TOPIC:** Clinical/Quality improvement
**TITLE:** A Traffic Light Algorithm Based Approach to Managing Difficult Airways
**PRESENTING AUTHOR:** Tony Raso, William Osler Health System - Brampton Civic Hospital, Respiratory Therapy Department, Brampton, Canada.
POSTER PRESENTATION SESSION: Thursday, October 30, 13:30 - 15:00.

POSTER # 17
TOPIC: Clinical/Quality improvement
TITLE: Follow-up Point Prevalence Survey of Antimicrobial Use in the Cardiac and Paediatric Critical Care Unit
PRESENTING AUTHOR: Charisse De Castro, The Hospital for Sick Children, Toronto, Canada.
POSTER PRESENTATION SESSION: Thursday, October 30, 13:30 - 15:00.

POSTER # 18
TOPIC: Clinical/Quality improvement
TITLE: Inhaled Nitric Oxide Stewardship Program at SickKids
PRESENTING AUTHOR: Christina Sperling, The Hospital for Sick Children, Respiratory Therapy, Toronto, Canada.
POSTER PRESENTATION SESSION: Thursday, October 30, 13:30 - 15:00.

POSTER # 19
TOPIC: Clinical/Quality improvement
TITLE: CONTINUOUS RENAL REPLACEMENT THERAPY: ADDING COMPLEXITY TO THE NURSING CARE OF THE CRITICALLY ILL CHILD
PRESENTING AUTHOR: Ruth Trinier, Hospital for Sick Children, Paediatric Intensive Care Unit, Toronto, Canada.
POSTER PRESENTATION SESSION: Thursday, October 30, 13:30 - 15:00.

POSTER # 20
TOPIC: Clinical/Quality improvement
TITLE: St. Mary’s General Hospital Progressive Weaning Program: A Non Traditional, Non Intensive Care Unit based Weaning Model
PRESENTING AUTHOR: Danny Veniott, St Mary's General Hospital, Progressive Weaning Program, Kitchener, ON, Canada.
POSTER PRESENTATION SESSION: Thursday, October 30, 13:30 - 15:00.

POSTER # 21
TOPIC: Clinical/Quality improvement
TITLE: The Impact of an In Situ Simulation Intervention on Interprofessional Collaboration in Critical Care: A Study Protocol.
PRESENTING AUTHOR: Catherine Villemure, Centre de santé et de services sociaux de Trois-Rivières - Centre hospitalier affilié régional AND Université du Québec à Trois-Rivières, Intensive Care Unit // Nursing Sciences, Trois-Rivières, Canada.
POSTER PRESENTATION SESSION: Thursday, October 30, 13:30 - 15:00.
POSTER # 22
**TOPIC:** Clinical/Quality improvement
**TITLE:** Sepsis Now a Priority: Development and Implementation of a Sepsis Algorithm in the Emergency Department of an Academic Hospital Using an Integrated Knowledge Translation Approach
**PRESENTING AUTHOR:** Sarah West, Mount Sinai Hospital, Antimicrobial Stewardship Program, Toronto, Canada.
**POSTER PRESENTATION SESSION:** Thursday, October 30, 13:30 - 15:00.

POSTER # 23
**TOPIC:** Scientific
**TITLE:** Investigating the Occupational Therapy Role in Critical Care: Development of a Scoping Review
**PRESENTING AUTHOR:** Michelle Kho, McMaster University, Hamilton, Canada.
**POSTER PRESENTATION SESSION:** Thursday, October 30, 13:30 - 15:00.

POSTER # 24
**TOPIC:** Scientific
**TITLE:** Comparing APACHE Scores Collected at Randomization versus ICU Admission in the OSCILLATE trial
**PRESENTING AUTHOR:** Brooke Fraser, University Health Network, Toronto, Canada.
**POSTER PRESENTATION SESSION:** Thursday, October 30, 13:30 - 15:00.

POSTER # 25
**TOPIC:** Scientific
**TITLE:** The iPad® and TalkRocket Go™ Application as a Communication Strategy for Patients With Endotracheal or Tracheostomy Tubes in the Medical Surgical Intensive Care Unit: A Pilot, Feasibility Study
**PRESENTING AUTHOR:** Darcy Roza, St. Michael's Hospital, Specialized Complex Care, Toronto, Canada.
**POSTER PRESENTATION SESSION:** Thursday, October 30, 13:30 - 15:00.

POSTER # 26
**TOPIC:** Basic/Translational Science
**TITLE:** Understanding Patient Flow: Admission, Discharge, and Family Involvement in the ICU
**PRESENTING AUTHOR:** Janet Alexanian, University of Toronto, Faculty of Medicine, Toronto, Canada.
**POSTER PRESENTATION SESSION:** Thursday, October 30, 13:30 - 15:00.
POSTER # 27
**TOPIC:** Basic/Translational Science
**TITLE:** Accuracy of Delivered Airway Pressure During Proportional Assist Ventilation (PAV+). A Bench Study.
**PRESENTING AUTHOR:** Nuttapol Rittayamai, Keenan Research Centre and Critical Department, St. Michael's Hospital, Toronto, Canada.
**POSTER PRESENTATION SESSION:** Thursday, October 30, 13:30 - 15:00.

POSTER # 28
**TOPIC:** Basic/Translational Science
**TITLE:** Comparison of Pro-inflammatory and Pro-coagulant Effects of Nuclear, Mitochondrial, and Bacterial DNA
**PRESENTING AUTHOR:** Vinai Bhagirath, McMaster University, Department of Medicine, Hamilton, Canada.
**POSTER PRESENTATION SESSION:** Thursday, October 30, 13:30 - 15:00.

POSTER # 29
**TOPIC:** Basic/Translational Science
**TITLE:** microRNA193b-5p regulates occludin-mediated vascular integrity
**PRESENTING AUTHOR:** Patricia Louise Gali, St. Michael's Hospital, Critical Care Medicine, Toronto, Canada.
**POSTER PRESENTATION SESSION:** Thursday, October 30, 13:30 - 15:00.

POSTER # 30
**TOPIC:** Basic/Translational Science
**TITLE:** Human mesenchymal stem/stromal cells enhance Fcg receptor mediated phagocytosis of Escherichia coli in human monocyte derived macrophages
**PRESENTING AUTHOR:** Linda Garces-Ramirez, Keenan Research Centre for Biomedical Science of St. Michael’s Hospital, University of Toronto, Toronto, Canada, Anesthesia Research, Toronto, Canada.
**POSTER PRESENTATION SESSION:** Thursday, October 30, 13:30 - 15:00.

POSTER # 31
**TOPIC:** Basic/Translational Science
**TITLE:** Cell-free DNA modulates clot structure and impairs fibrinolysis in sepsis.
**PRESENTING AUTHOR:** Travis Gould, McMaster University, Medical Sciences, Hamilton, Canada.
**POSTER PRESENTATION SESSION:** Thursday, October 30, 13:30 - 15:00.

POSTER # 32
**TOPIC:** Basic/Translational Science
TITLE: Human Neutrophil Peptides contributes to the development of ARDS-associated lung fibrosis
PRESENTING AUTHOR: Alice Grassi, St. Michael's Hospital, Anaesthesia, Toronto, Canada.
POSTER PRESENTATION SESSION: Thursday, October 30, 13:30 - 15:00.

POSTER # 33
TOPIC: Basic/Translational Science
TITLE: Human mesenchymal stem cells improve survival in murine experimental sepsis via the enhancement of bacteria clearance
PRESENTING AUTHOR: Xiaolin He, The Keenan Research Centre of the Li Ka Shing Knowledge Institute, St. Michael's Hospital, University of Toronto, Interdepartmental Division of Critical Care, Toronto, Canada.
POSTER PRESENTATION SESSION: Thursday, October 30, 13:30 - 15:00.

POSTER # 34
TOPIC: Basic/Translational Science
TITLE: The Effects of Prone Positioning on Transpulmonary Pressures and End Expiratory Volumes in Healthy Patients
PRESENTING AUTHOR: Abirami Kumaresan, Beth Israel Deaconess Medical Center, Department of Anesthesia, Critical Care, and Pain Medicine, Harvard Medical School, Boston, United States of America.
POSTER PRESENTATION SESSION: Thursday, October 30, 13:30 - 15:00.

POSTER # 35
TOPIC: Basic/Translational Science
TITLE: High prolactin levels are associated with more delirium but less nososcomial infections in septic patients
PRESENTING AUTHOR: Duc Nam Nguyen, UZ Brussel, ICU, Brussels, Belgium.
POSTER PRESENTATION SESSION: Thursday, October 30, 13:30 - 15:00.

POSTER # 36
TOPIC: Basic/Translational Science
TITLE: A metabolomics approach to the Bacterial CAP for prognosis of mortality
PRESENTING AUTHOR: Brent W. Winston, University of Calgary, Departments of Critical Care Medicine, Biochemistry and Molecular Biology, University of Calgary, Calgary, Alberta, Canada.
POSTER PRESENTATION SESSION: Thursday, October 30, 13:30 - 15:00.

POSTER # 37
TOPIC: Basic/Translational Science
TITLE: Role of miR-27a mediated regulation of VAV3 in sepsis-induced ARDS
PRESENTING AUTHOR: Louis Zhou, Li Ka Shing Knowledge Institute, St. Michael's
POSTER PRESENTATION SESSION: Thursday, October 30, 13:30 - 15:00.

**POSTER # 38**  
**TOPIC:** Case Report  
**TITLE:** Peritonitis Due to Kocuria Rosea in a Pediatric Peritoneal Dialysis Patient  
**PRESENTING AUTHOR:** Tania Ahluwalia, University of Illinois College of Medicine at Peoria, Pediatrics, Peoria, United States of America.  
**POSTER PRESENTATION SESSION:** Thursday, October 30, 13:30 - 15:00.

**POSTER # 39**  
**TOPIC:** Case Report  
**TITLE:** Incidental lung nodules: a case of epithelioid hemangioendothelioma  
**PRESENTING AUTHOR:** Tania Ahluwalia, University of Illinois College of Medicine at Peoria, Pediatrics, Peoria, IL, United States of America.  
**POSTER PRESENTATION SESSION:** Thursday, October 30, 13:30 - 15:00.

**POSTER # 40**  
**TOPIC:** Case Report  
**TITLE:** Bartonella Henselae-Mediated Disease in a Renal Transplant Patient  
**PRESENTING AUTHOR:** Tania Ahluwalia, University of Illinois College of Medicine at Peoria, Pediatrics, Peoria, IL, United States of America.  
**POSTER PRESENTATION SESSION:** Thursday, October 30, 13:30 - 15:00.

**POSTER # 41**  
**TOPIC:** Case Report  
**TITLE:** AN UNUSUAL FOREIGN BODY IN THE TRACHEOBRONCHIAL TREE OF AN ICU PATIENT  
**PRESENTING AUTHOR:** ali al bshabshe, king khalid university, critical care, abha, Saudi Arabia.  
**POSTER PRESENTATION SESSION:** Thursday, October 30, 13:30 - 15:00.

**POSTER # 42**  
**TOPIC:** Case Report  
**TITLE:** Plasma exchange treatment for cardiogenic shock in refractory Kawasaki disease: Case series.  
**PRESENTING AUTHOR:** Masafumi Gima, National Center for Child Health and Development, Critical Care Medicine, Tokyo, Japan.  
**POSTER PRESENTATION SESSION:** Thursday, October 30, 13:30 - 15:00.
POSTER # 43  
**TOPIC:** Case Report  
**TITLE:** Neuroleptic malignant syndrome with metoclopramide in a boy: case report and review of the literature  
**PRESENTING AUTHOR:** Miguel Glatstein, Dana-Dwek Children's Hospital, Pediatric Emergency Medicine, Tel Aviv, Israel.  
**POSTER PRESENTATION SESSION:** Thursday, October 30, 13:30 - 15:00.

POSTER # 44  
**TOPIC:** Case Report  
**TITLE:** Extracorporeal membrane oxygenation, pulmonary embolectomy, and right ventricular assist device for massive pulmonary embolus: a case report and literature review.  
**PRESENTING AUTHOR:** Joseph Bednarczyk, University of Manitoba, Winnipeg, Canada.  
**POSTER PRESENTATION SESSION:** Thursday, October 30, 13:30 - 15:00.

POSTER # 45  
**TOPIC:** Case Report  
**TITLE:** A case of severe human parechovirus infection requiring intensive care in an infant  
**PRESENTING AUTHOR:** Yuko Nakayama, Tokyo Metropolitan Children's Hospital's Medical Center, Pediatric Emergency & Critical Care Medicine, Fuchu, Tokyo, Japan.  
**POSTER PRESENTATION SESSION:** Thursday, October 30, 13:30 - 15:00.

POSTER # 47  
**TOPIC:** Case Report  
**TITLE:** Hypercalcemic Crisis Secondary to Parathyroid Adenoma in a Pregnant Woman  
**PRESENTING AUTHOR:** Kate Gerster, McMaster University, Hamilton, Canada.  
**POSTER PRESENTATION SESSION:** Thursday, October 30, 13:30 - 15:00.

POSTER # 48  
**TOPIC:** Case Report  
**TITLE:** A Clinical Case Report of a Type A Dialyzer Reaction: Anaphylactic Shock to a Hemodialysis Membrane  
**PRESENTING AUTHOR:** Allison Brown, McMaster University - Michael G. DeGroote School of Medicine, Hamilton, ON, Canada.  
**POSTER PRESENTATION SESSION:** Thursday, October 30, 13:30 - 15:00.

POSTER # 49  
**TOPIC:** Clinical Trial/Survey  
**TITLE:** Neutrophil gelatinase-associated lipocalin (NGAL) and stress-induced hyperglycemia in critically ill children  
**PRESENTING AUTHOR:** Tania Ahluwalia, University of Illinois College of Medicine at Peoria, Pediatrics, Peoria, United States of America.
POSTER PRESENTATION SESSION: Thursday, October 30, 13:30 - 15:00.

POSTER # 50
TOPIC: Clinical Trial/Survey
PRESENTING AUTHOR: Samah Al-Harbi, McMaster University/McMaster Children’s Hospital, Pediatric, Hamilton, Canada.
POSTER PRESENTATION SESSION: Thursday, October 30, 13:30 - 15:00.

POSTER # 51
TOPIC: Clinical Trial/Survey
TITLE: Brain tissue oxygenation as a surrogate marker for acute neurological dysfunction in patients with septic shock: a pilot study
PRESENTING AUTHOR: Andy Song, Queen's University, Kingston, Canada.
POSTER PRESENTATION SESSION: Thursday, October 30, 13:30 - 15:00.

POSTER # 52
TOPIC: Clinical Trial/Survey
TITLE: Using robotic technology to quantify neurological recovery in apparent high functioning survivors of cardiac arrest: a pilot study
PRESENTING AUTHOR: J. Gordon Boyd, Queen's University, Medicine (Neurology) and Critical Care, Kingston, Canada.
POSTER PRESENTATION SESSION: Thursday, October 30, 13:30 - 15:00.

POSTER # 53
TOPIC: Clinical Trial/Survey
TITLE: A survey of physician practice changes, knowledge of and attitudes towards the Rasouli decision.
PRESENTING AUTHOR: David Cape, University of Toronto, Medicine, Toronto, Canada.
POSTER PRESENTATION SESSION: Thursday, October 30, 13:30 - 15:00.

POSTER # 54
TOPIC: Clinical Trial/Survey
TITLE: Patient-Ventilator Asynchrony during Weaning on Proportional Assist Ventilation versus Pressure Support
PRESENTING AUTHOR: Robert Coke, University of Western Ontario, Internal Medicine, London, Ontario, Canada.
POSTER PRESENTATION SESSION: Thursday, October 30, 13:30 - 15:00.

POSTER # 55
TOPIC: Clinical Trial/Survey
TITLE: Prospective Observational Study of Vascular Access Device Utilization and Complications
PRESENTING AUTHOR: Parag Dekate, The Hospital for Sick Children, Critical Care Medicine, Toronto, Canada.
POSTER PRESENTATION SESSION: Thursday, October 30, 13:30 - 15:00.

POSTER # 56
TOPIC: Clinical Trial/Survey
TITLE: Availability of ARDS therapies and protocols in Canadian ICUs
PRESENTING AUTHOR: Erick Duan, McMaster University, Department of Critical Care, Hamilton, Canada.
POSTER PRESENTATION SESSION: Thursday, October 30, 13:30 - 15:00.

POSTER # 57
TOPIC: Clinical Trial/Survey
TITLE: Barriers to Early Physical Rehabilitation in Critically Ill Patients - A Theoretically Informed Semi-Structured Interview Study
PRESENTING AUTHOR: Shannon Goddard, Sunnybrook Health Sciences Centre, Critical Care Medicine, Toronto, Canada.
POSTER PRESENTATION SESSION: Thursday, October 30, 13:30 - 15:00.

POSTER # 58
TOPIC: Clinical Trial/Survey
TITLE: The Role of Critical Care Response Teams in End-of-Life Care
PRESENTING AUTHOR: Adrienne Kwong, The Ottawa Hospital, Department of Critical Care, Ottawa, Canada.
POSTER PRESENTATION SESSION: Thursday, October 30, 13:30 - 15:00.

POSTER # 59
TOPIC: Clinical Trial/Survey
TITLE: Quality Control In the Conduct of a Probiotic Randomized Trial
PRESENTING AUTHOR: Daphnée Lamarche, McMaster University, Biochemistry and Biomedical Sciences, Hamilton, Canada.
POSTER PRESENTATION SESSION: Thursday, October 30, 13:30 - 15:00.

POSTER # 60
TOPIC: Clinical Trial/Survey
TITLE: African Critical Care Resource Assessment Survey: Pilot survey results
PRESENTING AUTHOR: Aleksandra Leligdowicz, University of Toronto, Interdepartmental Division of Critical Care, Toronto, Canada.
POSTER PRESENTATION SESSION: Thursday, October 30, 13:30 - 15:00.
POSTER # 61
TOPIC: Clinical Trial/Survey
TITLE: Timing of withdrawal of life support in patients with severe traumatic brain injury does not explain variations in mortality
PRESENTING AUTHOR: Victoria McCredie, Sunnybrook Health Sciences Centre, Department of Critical Care, Toronto, Canada.
POSTER PRESENTATION SESSION: Thursday, October 30, 15:30 - 17:00.

POSTER # 62
TOPIC: Clinical Trial/Survey
TITLE: Alternative models for consent and the management of study data in Emergency Research: A survey of current Canadian Research Ethics Board (REB) practices
PRESENTING AUTHOR: Barto Nascimento, Sunnybrook Health Sciences, Trauma, Toronto, Canada.
POSTER PRESENTATION SESSION: Thursday, October 30, 15:30 - 17:00.

POSTER # 63
TOPIC: Clinical Trial/Survey
TITLE: Burnout among Critical Care Workers
PRESENTING AUTHOR: Aussama Nassar, Hamilton Health Sciences, Surgery, Hamilton, Canada.
POSTER PRESENTATION SESSION: Thursday, October 30, 15:30 - 17:00.

POSTER # 64
TOPIC: Clinical Trial/Survey
TITLE: Reduction of the work of breathing estimated from the electrical activity of the diaphragm during HFNC usage.
PRESENTING AUTHOR: Yu Onodera, Yamagata University Faculty of Medicine, Department of Anesthesiology, Yamagata city, Japan.
POSTER PRESENTATION SESSION: Thursday, October 30, 15:30 - 17:00.

POSTER # 65
TOPIC: Clinical Trial/Survey
TITLE: Implementation process of a large multicenter study in trauma
PRESENTING AUTHOR: Catherine Ouellet, Research Center of the Centre Hospitalier Universitaire (CHU) de Québec, Université Laval, Anesthesiology and Critical Care Medicine, Quebec City, Canada.
POSTER PRESENTATION SESSION: Thursday, October 30, 15:30 - 17:00.

POSTER # 66
TOPIC: Clinical Trial/Survey
TITLE: Impact of Intensive Care Unit acquired weakness on weaning failure and mortality in mechanically ventilated patients.
PRESENTING AUTHOR: Oscar Peñuelas, Hospital Universitario Infanta Cristina, Intensive Care Unit, Parla, Madrid, Spain.
POSTER PRESENTATION SESSION: Thursday, October 30, 15:30 - 17:00.

POSTER # 67
TOPIC: Clinical Trial/Survey
TITLE: Ophthalmologic Changes in Hypertensive Disease of Pregnancy
PRESENTING AUTHOR: Arturo Ariph Ibarra-Sánchez, Hospital General de Tampico “Dr. Carlos Canseco”, Terapia Intensiva, Tampico, Mexico.
POSTER PRESENTATION SESSION: Thursday, October 30, 15:30 - 17:00.

POSTER # 68
TOPIC: Clinical Trial/Survey
TITLE: Venoarterial extracorporeal membrane oxygenation (VA-ECMO) for patients in shock or cardiac arrest secondary to cardiotoxicant poisoning: a cost-effectiveness analysis
PRESENTING AUTHOR: Maude St-Onge, University of Toronto, Clinical pharmacology and toxicology, Institute of Medical Science, Toronto, Canada.
POSTER PRESENTATION SESSION: Thursday, October 30, 15:30 - 17:00.

POSTER # 69
TOPIC: Clinical Trial/Survey
TITLE: Survey of Canadian Intensive Care Unit Pharmacists’ Attitudes, Knowledge, and Use of Probiotics for Patients (Pro-Surve)
PRESENTING AUTHOR: Kathleen Wheeler, Mount Sinai Hospital, Department of Pharmacy, Toronto, Canada.
POSTER PRESENTATION SESSION: Thursday, October 30, 15:30 - 17:00.

POSTER # 71
TOPIC: Clinical Trial/Survey
TITLE: Use of dexmedetomidine for prophylactic analgesia and sedation in patients with delayed extubation after craniotomy: a prospective, randomised, double-blind, placebo-controlled trial
PRESENTING AUTHOR: Guang-Qiang Chen, Beijing Tiantan Hospital, Capital Medical University, Beijing, China.
POSTER PRESENTATION SESSION: Thursday, October 30, 15:30 - 17:00.

POSTER # 72
TOPIC: Clinical/Quality improvement
TITLE: Respiratory Mechanics Registry for ARDS: Pilot Analysis of a Quality Improvement project
PRESENTING AUTHOR: Lu Chen, 1St’ Michael’s Hospital and 2University of Toronto, 1 Department of Critical Care and 2Interdepartmental Division of Critical Care, Toronto, Canada.
POSTER PRESENTATION SESSION: Thursday, October 30, 15:30 - 17:00.

POSTER # 73
TOPIC: Education
TITLE: Entrustable Professional Activities to Improve Faculty Engagement with Critical Care Medicine Evaluations
PRESENTING AUTHOR: Michael Coppolino, Kaiser Permanente San Francisco Medical Center, CCM, San Francisco, United States of America.
POSTER PRESENTATION SESSION: Thursday, October 30, 13:30 - 15:00.

POSTER # 74
TOPIC: Education
TITLE: In Situ Simulation Training Improves Interprofessional Teamwork and Collaboration in the ICU
PRESENTING AUTHOR: Stuart McAdam, Dalhousie, Medicine (Medical Student), Halifax, Canada.
POSTER PRESENTATION SESSION: Thursday, October 30, 15:30 - 17:00.

POSTER # 75
TOPIC: Education
TITLE: The Utility of an Instructional Video to Teach Chest Tube Insertion to Medical Trainees
PRESENTING AUTHOR: Tomas Saun, Sunnybrook Health Sciences Centre, Critical Care Medicine, Toronto, Canada.
POSTER PRESENTATION SESSION: Thursday, October 30, 15:30 - 17:00.

POSTER # 76
TOPIC: Education
TITLE: Handover practices in the ICU: resident perceptions and exposure-based learning
PRESENTING AUTHOR: Zahra Tejani, Queen's University, Department of Medicine, Kingston, Canada.
POSTER PRESENTATION SESSION: Thursday, October 30, 15:30 - 17:00.

POSTER # 78
TOPIC: Quality Assurance/Quality Improvement Project
TITLE: A Quality Improvement Project to Decrease Non-Value Blood Work in Critical Care
PRESENTING AUTHOR: Andre Amaral, Sunnybrook Health Sciences Centre, Critical Care Medecine, Toronto, Canada.
POSTER PRESENTATION SESSION: Thursday, October 30, 15:30 - 17:00.
POSTER # 79
TOPIC: Quality Assurance/Quality Improvement Project
TITLE: Weaning of Opioids and Benzodiazepines in Critically Ill Children: A quality improvement initiative.
PRESENTING AUTHOR: Corrine Balit, Hospital for Sick Children, Critical Care Medicine, Toronto, Canada.
POSTER PRESENTATION SESSION: Thursday, October 30, 15:30 - 17:00.

POSTER # 80
TOPIC: Quality Assurance/Quality Improvement Project
TITLE: Personalizing Death in the ICU: The Three Wishes Demonstration Project
PRESENTING AUTHOR: Marilyn Swinton, McMaster University, Hamilton, Canada.
POSTER PRESENTATION SESSION: Thursday, October 30, 15:30 - 17:00.

POSTER # 81
TOPIC: Quality Assurance/Quality Improvement Project
TITLE: Electroencephalographic changes with intraventricular catheter placement in patients admitted to a neurointensive care unit
PRESENTING AUTHOR: Sacha Schweikert, University Health Network Toronto, Toronto, Canada.
POSTER PRESENTATION SESSION: Thursday, October 30, 15:30 - 17:00.

POSTER # 82
TOPIC: Quality Assurance/Quality Improvement Project
TITLE: Adherence to low tidal-volume ventilation guidelines in ARDS management: An observational study
PRESENTING AUTHOR: Matthew Ernst, Queen's University School of Medicine, Medicine, Kingston, Canada.
POSTER PRESENTATION SESSION: Thursday, October 30, 15:30 - 17:00.

POSTER # 83
TOPIC: Quality Assurance/Quality Improvement Project
TITLE: Does Practice Variation in Spontaneous Breathing Trial Performance and Reporting Compromise Extubation Outcome Prediction?
PRESENTING AUTHOR: Stephanie Godard, University of Ottawa, Medical Program, Ottawa, Canada.
POSTER PRESENTATION SESSION: Thursday, October 30, 15:30 - 17:00.

POSTER # 84
TOPIC: Quality Assurance/Quality Improvement Project
TITLE: USE OF A SEVERE SEPSIS MANAGEMENT BUNDLE CAN IMPROVE ED CARE: FINDINGS FROM A COLLABORATIVE EMERGENCY-CRITICAL CARE
QUALITY INITIATIVE

PRESENTING AUTHOR: Sara Gray, St. Michael's Hospital, Emergency Medicine, Toronto, Canada.

POSTER PRESENTATION SESSION: Thursday, October 30, 15:30 - 17:00.

POSTER # 85
TOPIC: Quality Assurance/Quality Improvement Project
TITLE: A Questionnaire on Satisfaction of Family Members During Family Issues Meetings in the Intensive Care Unit
PRESENTING AUTHOR: Marnie Jakab, Mount Sinai Hospital, Intensive Care Unit Research, Toronto, Canada.

POSTER PRESENTATION SESSION: Thursday, October 30, 15:30 - 17:00.

POSTER # 86
TOPIC: Quality Assurance/Quality Improvement Project
TITLE: Measuring congruence between international sepsis guidelines and current practice at a Canadian academic health centre: An observational prospective study
PRESENTING AUTHOR: Stephanie Lammers, Queen's University, School of Medicine, Faculty of Health Sciences, Kingston, Canada.

POSTER PRESENTATION SESSION: Thursday, October 30, 15:30 - 17:00.

POSTER # 87
TOPIC: Quality Assurance/Quality Improvement Project
TITLE: Man Vs Machine : Let me Breathe Free
PRESENTING AUTHOR: FAISAL MASUD, HOUSTON METHODIST HOSPITAL, CRITICLA CARE ANESTHESIOLOGY, HOUSTON, United States of America.

POSTER PRESENTATION SESSION: Thursday, October 30, 15:30 - 17:00.

POSTER # 88
TOPIC: Quality Assurance/Quality Improvement Project
TITLE: Improving ECMO outcomes in Respiratory failure Patients
PRESENTING AUTHOR: FAISAL MASUD, Houston Methodist Hospital, Anesthesiology & Critical Care, Houston, United States of America.

POSTER PRESENTATION SESSION: Thursday, October 30, 15:30 - 17:00.

POSTER # 89
TOPIC: Quality Assurance/Quality Improvement Project
TITLE: A PICU Patient Safety Checklist: Rate of Utilization and Impact on Patient Care
PRESENTING AUTHOR: Brianna McKelvie, Children's Hospital of Eastern Ontario, PICU, Ottawa, Canada.

POSTER PRESENTATION SESSION: Thursday, October 30, 15:30 - 17:00.
POSTER #90
TOPIC: Quality Assurance/Quality Improvement Project
TITLE: Non-Essential Blood Testing in the ICU: An Observational study
PRESENTING AUTHOR: Michael Mikhaeil, Queen's University, Medicine, Kingston, Canada.
POSTER PRESENTATION SESSION: Thursday, October 30, 15:30 - 17:00.

POSTER #91
TOPIC: Quality Assurance/Quality Improvement Project
TITLE: Implementation of a SIRS-based Early Warning System using wireless real-time alerts: The AEGIS pilot project at William Osler Health System
PRESENTING AUTHOR: Michael Miletin, William Osler Health System, Medicine, Toronto, Canada.
POSTER PRESENTATION SESSION: Thursday, October 30, 15:30 - 17:00.

POSTER #92
TOPIC: Quality Assurance/Quality Improvement Project
TITLE: Trending performance of changes in cardiac output of four non-invasive cardiac output devices after cardiac surgery.
PRESENTING AUTHOR: Rohit Mohindra, McGill University, FRCPC Emergency Medicine Training Program, Montreal, Canada.
POSTER PRESENTATION SESSION: Thursday, October 30, 15:30 - 17:00.

POSTER #93
TOPIC: Quality Assurance/Quality Improvement Project
TITLE: Introduction of an electronic early warning score in an academic hospital without a rapid response system: Preliminary findings and challenges.
PRESENTING AUTHOR: Benjamin Tam, McMaster University, Department of General Internal Medicine, Hamilton, Canada.
POSTER PRESENTATION SESSION: Thursday, October 30, 15:30 - 17:00.

POSTER #94
TOPIC: Retrospective Chart Review
TITLE: The Effect of Critical Care Echocardiography on the Usage rates of Diagnostic Echocardiography in the Intensive Care Unit
PRESENTING AUTHOR: Aws Alherbish, Schulich School of Medicine and Dentistry, Western University, London, ON, Canada, Critical Care Medicine, London Ontario, Canada.
POSTER PRESENTATION SESSION: Thursday, October 30, 15:30 - 17:00.

POSTER #95
TOPIC: Retrospective Chart Review
TITLE: Legionella in the Niagara Region: A Retrospective Case Series
PRESENTING AUTHOR: Stephanie Cargnelli, Michael G. DeGroote School of Medicine, McMaster University, Medicine, Hamilton, Canada.
POSTER PRESENTATION SESSION: Thursday, October 30, 15:30 - 17:00.

POSTER # 96
TOPIC: Retrospective Chart Review
TITLE: Long-term outcomes of prolonged ICU length of stay
PRESENTING AUTHOR: Yiorgos Alexandros Cavayas, Centre Hospitalier de l'Université de Montréal, Critical Care, Montreal, Canada.
POSTER PRESENTATION SESSION: Thursday, October 30, 15:30 - 17:00.

POSTER # 97
TOPIC: Retrospective Chart Review
TITLE: Paediatric Hemophagocytic lymphohistiocytosis (HLH): A Critical Care Perspective
PRESENTING AUTHOR: Madeline Drake, Hospital for Sick Children, Department of Critical Care Medicine, Toronto, Canada.
POSTER PRESENTATION SESSION: Thursday, October 30, 15:30 - 17:00.

POSTER # 98
TOPIC: Retrospective Chart Review
TITLE: Hospital Readmissions at 30 days for Survivors of Critical Illness
PRESENTING AUTHOR: May Hua, Columbia University College of Physicians and Surgeons, Department of Anesthesiology, New York, United States of America.
POSTER PRESENTATION SESSION: Thursday, October 30, 15:30 - 17:00.

POSTER # 99
TOPIC: Retrospective Chart Review
TITLE: CHARACTERISTICS AND OUTCOMES OF PATIENTS WHO HAD BEDSIDE TRACHEOSTOMY PERFORMED IN THE INTENSIVE CARE UNIT
PRESENTING AUTHOR: Gabriella Jacob, Mount Sinai Hospital, Intensive Care Unit, Toronto, Canada.
POSTER PRESENTATION SESSION: Thursday, October 30, 15:30 - 17:00.

POSTER # 100
TOPIC: Retrospective Chart Review
TITLE: Appropriate and timely antimicrobial prophylaxis in cirrhotic patients with spontaneous bacterial peritonitis and septic shock: a retrospective cohort study.
PRESENTING AUTHOR: Constantine Karvellas, University of Alberta, Critical Care Medicine, Edmonton, Canada.
POSTER PRESENTATION SESSION: Thursday, October 30, 15:30 - 17:00.
POSTER # 101
TOPIC: Retrospective Chart Review
TITLE: Emergency Room Utilization by Patients at the End of Life: Results from a Retrospective Chart Review at a Major Ontario Teaching Hospital
PRESENTING AUTHOR: Christopher Klinger, University of Ottawa, Department of Medicine, Division of Palliative Care, Ottawa, Canada.
POSTER PRESENTATION SESSION: Thursday, October 30, 15:30 - 17:00.

POSTER # 102
TOPIC: Retrospective Chart Review
TITLE: Sterile cultures in patients dying from septic shock: Implications for the pathophysiology of sepsis
PRESENTING AUTHOR: Aleksandra Leligdowicz, University of Toronto, Interdepartmental Division of Critical Care, Toronto, Canada.
POSTER PRESENTATION SESSION: Thursday, October 30, 15:30 - 17:00.

POSTER # 104
TOPIC: Retrospective Chart Review
TITLE: Necrotizing Lung Infections: An observation of practice patterns and management changes over time.
PRESENTING AUTHOR: Michael Peirce, London Health Sciences Centre, Department of Medicine, London, Canada.
POSTER PRESENTATION SESSION: Thursday, October 30, 15:30 - 17:00.

POSTER # 107
TOPIC: Retrospective Chart Review
TITLE: Evaluation of nutritional delivery to elderly patients admitted to the ICU: a retrospective study
PRESENTING AUTHOR: Jessica Ray, Mount Sinai Hospital, Medical Surgical Intensive Care Unit, Toronto, Canada.
POSTER PRESENTATION SESSION: Thursday, October 30, 15:30 - 17:00.

POSTER # 108
TOPIC: Retrospective Chart Review
TITLE: Neurological and Cardiac Functional Status after Extracorporeal Membrane Oxygenation in Children with Heart Disease
PRESENTING AUTHOR: Anupam Seghal, Sickkids Hospital, Critical Care Medicine, Toronto, Canada.
POSTER PRESENTATION SESSION: Thursday, October 30, 15:30 - 17:00.
POSTER # 109
**TOPIC:** Retrospective Chart Review
**TITLE:** The sedative effect of propranolol on critically ill patients
**PRESENTING AUTHOR:** Junji Shiotsuka, University Health Network and Mount Sinai Hospital, Medical-Surgical Intensive Care Unit, Toronto, Canada.
**POSTER PRESENTATION SESSION:** Thursday, October 30, 15:30 - 17:00.

POSTER # 110
**TOPIC:** Retrospective Chart Review
**TITLE:** Nosocomial gram-negative bacteremia in intensive care: epidemiology, antimicrobial susceptibilities and outcomes
**PRESENTING AUTHOR:** Wendy Sligl, University of Alberta, Divisions of Critical Care Medicine and Infectious Diseases, Edmonton, Canada.
**POSTER PRESENTATION SESSION:** Thursday, October 30, 15:30 - 17:00.

POSTER # 111
**TOPIC:** Retrospective Chart Review
**TITLE:** Timing of tracheostomy and associated complications in cardiothoracic intensive care patients
**PRESENTING AUTHOR:** Jessica Cassey, University of Cambridge, Cambridge, United Kingdom.
**POSTER PRESENTATION SESSION:** Thursday, October 30, 15:30 - 17:00.

POSTER # 112
**TOPIC:** Systematic Review/Metanalysis
**TITLE:** Optimal Vasopressor Targets in Septic Shock: A Systematic Review and Meta Analysis
**PRESENTING AUTHOR:** Emilie Prudence Belley-Cote, McMaster University, Anesthesie-Critical Care Medicine, Hamilton, Canada.
**POSTER PRESENTATION SESSION:** Thursday, October 30, 15:30 - 17:00.

POSTER # 113
**TOPIC:** Systematic Review/Metanalysis
**TITLE:** Effect of Steroids Administration on Organ Donors After Death by Neurological Criteria and Recipients: A Meta Analysis
**PRESENTING AUTHOR:** Frederick D’Aragon, McMaster University, Anesthesia-Critical Care Medicine, Hamilton, Canada.
**POSTER PRESENTATION SESSION:** Thursday, October 30, 15:30 - 17:00.

POSTER # 114
**TOPIC:** Systematic Review/Metanalysis
**TITLE:** Albumin Administration for Fluid Resuscitation in Burn Patients: Systematic Review and Meta-analysis
PRESENTING AUTHOR: Roberto Eljaiek, Université de Montréal, Critical care, Montreal, Canada.

POSTER PRESENTATION SESSION: Thursday, October 30, 15:30 - 17:00.

POSTER # 115

TOPIC: Systematic Review/Metananalysis

TITLE: The Impact of Palliative Care Interventions on the Length of Stay of Critically Ill Patients in the Intensive Care Unit: A Systematic Review

PRESENTING AUTHOR: Louis-Philippe Gagnon, University of Ottawa, Ottawa, Canada.

POSTER PRESENTATION SESSION: Thursday, October 30, 15:30 - 17:00.

POSTER # 116

TOPIC: Systematic Review/Metananalysis

TITLE: Non-pharmacological interventions for cognitive disorders following traumatic brain injury: a systematic review

PRESENTING AUTHOR: Josee Larochelle, Université Laval, CHU de Québec, Institut de réadaptation en déficience physique de Québec (IRDPQ), Medicine, Quebec City, Canada.

POSTER PRESENTATION SESSION: Thursday, October 30, 15:30 - 17:00.

POSTER # 117

TOPIC: Systematic Review/Metananalysis

TITLE: Intensive Care Unit Capacity in Low-Income Countries: A Systematic Review

PRESENTING AUTHOR: Aleksandra Leligdowicz, University of Toronto, Interdepartmental Division of Critical Care, Toronto, Canada.

POSTER PRESENTATION SESSION: Thursday, October 30, 15:30 - 17:00.

POSTER # 118

TOPIC: Systematic Review/Metananalysis

TITLE: BIOMARKERS IN SEPSIS: A SYSTEMATIC REVIEW

PRESENTING AUTHOR: Florence Morriello, Institute of Medical Sciences, Critical Care Medicine, Toronto, Canada.

POSTER PRESENTATION SESSION: Thursday, October 30, 15:30 - 17:00.

POSTER # 119

TOPIC: Systematic Review/Metananalysis

TITLE: Pressure Control versus Volume Control Ventilation in Acute Respiratory Failure: A Physiology-Based Systematic Review and Meta-analysis

PRESENTING AUTHOR: Nuttapol Rittayamai, Keenan Research Centre and Critical Department, St. Michael's Hospital, Critical Care, Toronto, Canada.

POSTER PRESENTATION SESSION: Thursday, October 30, 15:30 - 17:00.
POSTER # 120
TOPIC: Systematic Review/Metanlysis
TITLE: Ischemic Stroke Risk for New Onset, Non-Valvular Atrial Fibrillation In Critically Ill Patients – A Systematic Review
PRESENTING AUTHOR: Stephanie Sibley, Queen's University, Critical Care Medicine, Kingston, Canada.
POSTER PRESENTATION SESSION: Thursday, October 30, 15:30 - 17:00.

POSTER # 121
TOPIC: Systematic Review/Metanlysis
PRESENTING AUTHOR: Michael C Sklar, University of Toronto, Department of Anesthesia, Toronto, Canada.
POSTER PRESENTATION SESSION: Thursday, October 30, 15:30 - 17:00.

POSTER # 122
TOPIC: Systematic Review/Metanlysis
TITLE: International guideline development for the treatment of calcium channel blocker poisoning
PRESENTING AUTHOR: Maude St-Onge, University of Toronto, Clinical pharmacology and toxicology, Toronto, Canada.
POSTER PRESENTATION SESSION: Thursday, October 30, 15:30 - 17:00.

POSTER # 123
TOPIC: Systematic Review/Metanlysis
TITLE: Withdrawal of life-sustaining therapy in clinical trials in critical care: a systematic review
PRESENTING AUTHOR: Samuel Tétrault, Université Laval, Anesthesiology and Critical Care Medicine, Québec, Canada.
POSTER PRESENTATION SESSION: Thursday, October 30, 15:30 - 17:00.

POSTER # 124
TOPIC: Systematic Review/Metanlysis
TITLE: Extracorporeal membrane oxygenation (ECMO) as a treatment strategy for severe acute respiratory distress syndrome (ARDS) in the low tidal volume era: A systematic review
PRESENTING AUTHOR: Bourke Tillmann, London Health Sciences Centre, Critical Care and Emergency Medicine, London, Canada.
POSTER PRESENTATION SESSION: Thursday, October 30, 15:30 - 17:00.