



Dr. Sean M. Bagshaw

Department of Critical Care Medicine
Faculty of Medicine and Dentistry
University of Alberta

September 22, 2017

CURRICULUM VITAE

BIOGRAPHICAL DATA

Academic Rank: Associate Professor of Critical Care
Medicine

Clinical Rank: Intensivist

Department: Department of Critical Care Medicine

Faculty: Medicine and Dentistry

Institution: University of Alberta

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Date of Birth: July 30, 1973

Birth Place: Canada

Citizenship: Canadian

Family Status: Married to Heather and father to Bevan and Janel



EDUCATION

2008-2008 **Visiting Fellow** – Department of Nephrology, Dialysis and Transplantation, St. Bortolo Hospital, Vicenza, Italy (Supervisor – Prof Claudio Ronco)

2005-2007 **Post-Doctoral Fellowship** – Department of Intensive Care Medicine, Austin Hospital, Melbourne, Australia (Supervisor – Prof Rinaldo Bellomo)

2003-2005 **Masters of Science (Epidemiology)**, Department of Community Health Sciences, University of Calgary, Calgary, Canada (Supervisor – Dr. Kevin Laupland)

2003-2005 **Resident**, Department of Critical Care Medicine, University of Calgary, Calgary, Canada

2000-2003 **Resident**, Division of Internal Medicine, Department of Medicine, University of Calgary, Calgary, Canada

1997-2000 **Doctor of Medicine**, Faculty of Medicine, University of Calgary, Calgary, Canada

1992-1996 **Honors Bachelor of Arts (Kinesiology)** - Dean's Honor List with Distinction, The University of Western Ontario, London, Canada

ACADEMIC APPOINTMENT

- 2012-Present **Associate Professor**, Division of Critical Care Medicine, Faculty of Medicine and Dentistry, University of Alberta, Edmonton, Canada
- 2013-Present **Associate Professor (Adjunct)**, Division of General Internal Medicine, Department of Medicine, University of Alberta, Edmonton, Canada
- 2013-Present **Associate Professor (Adjunct)**, School of Public Health, University of Alberta, Edmonton, Canada
- 2010-2012 **Assistant Professor (Adjunct)**, School of Public Health, University of Alberta, Edmonton, Canada
- 2008-Present **Faculty**, Epidemiology and Research Coordinating Centre (EPICORE), Faculty of Medicine and Dentistry, University of Alberta, Edmonton, Canada
- 2007-2012 **Assistant Professor**, Division of Critical Care Medicine, Faculty of Medicine and Dentistry, University of Alberta, Edmonton, Canada

LICENSURE AND CERTIFICATION

- 2000 Licentiate of the Medical Council of Canada
- 2004 Fellow, Royal College of Physicians and Surgeons of Canada (Internal Medicine)
- 2004 Fellow, American Board of Internal Medicine
- 2005 Fellow, Royal College of Physicians and Surgeons of Canada (Critical Care Medicine)
- 2005 – 2007 Licensure (Educational), College of Physicians and Surgeons of Alberta
- 2005 – 2007 Licensure, Medical Practitioners Board of Victoria, Australia
- 2007 – 2008 Licensure, College of Physicians and Surgeons of Ontario
- 2007 – Licensure (Independent Practice), College of Physicians and Surgeons of Alberta

PROFESSIONAL ORGANIZATIONS

- 2008-Present Member of the Canadian Critical Care Society (CCCS)
- 2007-Present Member of the Society of Critical Care Medicine (SCCM)
- 2007-Present Member of the Canadian Intensive Care Foundation (CICF)
- 2007-2010 Member of the Acute Kidney Injury Network (AKIN)
- 2005-2007 Member of the Australia and New Zealand Intensive Care Society (ANZICS)
- 2003-Present Member of the Canadian Critical Care Trials Group
- 1997-Present Member of the Alberta Medical Association
- 1997-Present Member of the Canadian Medical Association

EMPLOYMENT HISTORY

- 2017-Present Chair (Interim), Department of Critical Care Medicine, Faculty of Medicine and Dentistry, University of Alberta, Edmonton, Canada
- 2011-Present Staff Intensivist, Cardiovascular Surgical Intensive Care Unit, Mazankowski Alberta Heart Institute, Department of Critical Care Medicine, University of Alberta, Edmonton, Canada
- 2009-Present Director of Research and Innovation, Department of Critical Care Medicine, Faculty of Medicine and Dentistry, University of Alberta, Edmonton, Canada
- 2007-Present Staff Intensivist, General Systems Intensive Care Unit, Department of Critical Care Medicine, University of Alberta, Edmonton, Canada
- 2005-2007 Clinical/Research Fellow, Department of Intensive Care Medicine, Austin Hospital, Melbourne, Australia
- 2003-2004 Critical Care Medicine Physician Extender, Department of Critical Care Medicine, Calgary Health Region, Calgary, Canada
- 2003-2005 Critical Care Medicine Resident, Department of Critical Care Medicine, University of Calgary, Calgary, Alberta
- 2000-2003 Internal Medicine Resident, Division of Internal Medicine, Department of Medicine, University of Calgary, Calgary, Alberta

SCHOLARLY AND PROFESSIONAL ACTIVITIES**Editorial Boards**

- 2016 – Present *Kidney International Reports*
- 2015 – Present *Blood Purification*
- 2012 – Present *Critical Care*
- 2012 – 2014 *Faculty of 1000*
- 2007 – 2014 *The Open Critical Care Medicine Journal*

Guest Editorships

Current Opinion in Critical Care (Renal Section) - December 2015

Grant Peer Review Committee Membership

- CIHR – Project Grant Scheme (2016, 2017)
- CIHR – Foundation Scheme Committee (2015, 2016)
- NCE – Technology Evaluation in the Elderly (TVN) (2014, 2015, 2016)
- CIHR – Health Services Evaluation & Interventions Research (2011, 2013, 2014)
- Women’s and Children’s Health Research Institute (2013)
- University Hospital Foundation (2012)

Grant Peer Review

Health Research Council of New Zealand (2015)
 Australian and New Zealand College of Anaesthetists (Australia) (2012)
 Chief Scientist Office Project Grant (Scotland) (2012)
 Wily Gepts Research Foundation (Belgium) (2011)
 Physician Services Incorporated (PSI) Foundation (Ontario) (2009)
 MRC Health Services Research Collaboration (UK) (2009)
 Wellcome Trust (UK) (2009)
 Heart and Stroke Foundation of Canada (2004, 2006, 2008)

Journal (Ad Hoc) Peer-Review (37)

General Medical Journals: New England Journal of Medicine (NEJM); Journal of the American Medical Association (JAMA); Lancet; British Medical Journal (BMJ); Canadian Medical Association Journal (CMAJ); BMC Medicine
Critical Care Journals: American Journal of Respiratory and Critical Care Medicine; Critical Care Medicine; Intensive Care Medicine; Critical Care; Journal of Critical Care; Critical Care and Resuscitation
Nephrology Journals: Journal of the American Society of Nephrology (JASN); Kidney International; Clinical Journal of the American Society of Nephrology (CJASN); American Journal of Kidney Diseases (AJKD); Blood Purification; Cochrane Renal Group; International Journal of Artificial Organs (IJA); International Journal of Nephrology; Nature Nephron Clinical Practice; Nephrology Dialysis Transplantation (NDT); Nephron; Pediatric Nephrology; BMC Nephrology
Cardiovascular Journals: Circulation; Journal of the American College of Cardiology (JACC); Annals Thoracic Surgery; Canadian Journal Cardiology
Internal Medicine Journals: Archives of Internal Medicine
Miscellaneous: Canadian Journal of Anesthesia; International Journal of Infectious Diseases; Liver Transplantation; QJM; Therapy; Trials

International Collaboration/Working Groups

2016 Faculty, *Acute Dialysis Quality Initiative* (ADQI) XVI Meeting (Asiago, Italy)
 2015 Faculty, *Acute Dialysis Quality Initiative* (ADQI) XVI Meeting (San Diego, USA)
 2015 Chair, *Acute Dialysis Quality Initiative* (ADQI) XV Meeting (Banff, Canada)
 2013 Faculty, *Acute Dialysis Quality Initiative* (ADQI) XII Meeting (London, UK)
 2012 Faculty, *Acute Dialysis Quality Initiative* (ADQI) XI Meeting (Venice, Italy)
 2012 Faculty, *Consensus Round Table Conference* on Fluid Resuscitation (ISICEM, Brussels, Belgium)
 2011 Faculty, *Acute Dialysis Quality Initiative* (ADQI) X Meeting (Dublin, Ireland)
 2011 Faculty, *Consensus Round Table Conference* on Acute Kidney Injury (ISICEM, Brussels, Belgium)
 2008 Faculty, *Acute Dialysis Quality Initiative* (ADQI) VII Meeting (Venice, Italy)

Data Safety Monitoring Committee

2016 A Phase 2 Safety and Efficacy of a Selective Cytopheretic Device (SCD) in Critically Ill Children. Principal Investigator: Stuart Goldstein, Cincinnati Children's Hospital Medical Center. Role: Committee Member.
 2014-2017 A Phase 3, placebo-controlled, randomized, double-blind, multi-center study of LJPC-501 in patients with catecholamine-resistant hypotension

(CRH) (LJ501-CRH01). Principal Investigator: Lahkmir Chawla, George Washington University, Washington, D.C. Role: Committee Member.

2011-2014 Management of refeeding syndrome in critical illness: a multicentre randomized controlled trial (NHMRC Application ID 632615). Principal Investigator: Gordon Doig, Royal North Shore Hospital, Sydney, Australia. Role: Committee Chairperson

Professional Development

2017 Institute for Healthcare Improvement – Open School
 2012 Physician Management Institute (PMI) – *Engaging Others*

HONORS AND DISTINCTIONS

2017 Mentor of the Year Award, Department of Critical Care Medicine, Faculty of Medicine and Dentistry, University of Alberta
 2017 University of Alberta Award for Outstanding Mentorship in Undergraduate Research and Creative Activities (Honorable Mention)
 2016 International “Vicenza” Award for Critical Care Nephrology
 2014 Australia New Zealand Intensive Care Society (ANZICS) Global Rising Star Award
 2012 Presidents Excellence Awards (Finalist), Alberta Health Services
 2011 Canada Research Chair in *Critical Care Nephrology* (Career Award)
 2008 Alberta Heritage Foundation for Medical Research (AHFMR) Independent Investigator (Career Award)
 2007 The Australia New Zealand Intensive Care Society (ANZICS) Database Management Committee Award for Best Paper
 2006 Best Medical Paper, Annual Australia and New Zealand Intensive Care Society (ANZICS) Annual Meeting, Hobart, Tasmania, Australia
 2005 Canadian Institute of Health Research (CIHR) Clinical Fellowship
 2005 Alberta Heritage Foundation for Medical Research (AHFMR) Clinical Fellowship
 2005 Detweiler Travelling Fellowship, Royal College of Physicians and Surgeons of Canada
 2004 Deans Research Excellence Award, University of Calgary, Calgary, Canada
 2004 Canadian Institute of Health Research (CIHR) Graduate Scholarship Masters Award
 2004 Department of Critical Care Medicine Research Award, University of Calgary, Calgary, Canada
 2002 National Residents Education Program in Allergy and Clinical Immunology
 1999 Bursary in Medicine, Faculty of Medicine, University of Calgary, Calgary, Canada
 1998 Bursary in Medicine, Faculty of Medicine, University of Calgary, Calgary, Canada
 1998 International Health Student Elective Bursary, Faculty of Medicine, University of Calgary, Calgary, Canada
 1997 Bursary in Medicine, Faculty of Medicine, University of Calgary, Calgary, Canada

- 1996 The Theodor Ackermann Scholarship in Diabetes Research, University of Western Ontario, London, Canada
- 1996 Canadian Society for Exercise Physiology Undergraduate Award, University of Western Ontario, London, Canada
- 1995 The Jana Lyn Elise Oldham Award, University of Western Ontario, London, Canada
- 1995 In-Course Scholarship, University of Western Ontario, London, Canada
- 1994 In-Course Scholarship, University of Western Ontario, London, Canada

SUPERVISED HONORS AND DISTINCTIONS

- 2016 Dawn Opgenorth, Research Project Manager, Department of Critical Care Medicine, University of Alberta. Award: Outstanding Health Professional Abstract Award, Critical Care Canada Forum.

EDUCATIONAL ACTIVITIES

Examination

- 2014 External examiner, Doctor of Philosophy thesis defence (Dr. Stacey Skoretz), University of Toronto
- 2013 External examiner, Doctor of Philosophy thesis defence (Dr. Anthony Delaney), University of Sydney
- 2013 External examiner, Master's Medicine thesis defence (Dr. Anita Au), University of Alberta
- 2008 External examiner, Doctor of Philosophy thesis defence (Dr. Teresa Williams), University of Western Australia

Educational Roles

- 2008-Present Critical Care Medicine Residency Program – Research Coordinator
- 2008-Present Member of the Critical Care Medicine Research Day Committee
- 2007-Present Critical Care Medicine Resident Academic Half Day (Evidence-Based Medicine, Critical Care Nephrology, Medical Emergency Teams)
- 2005 Clinical Clerkship evaluator, Faculty of Medicine, University of Calgary, Calgary, Canada
- 2005 Preceptor for Pulmonary Medicine Course, Faculty of Medicine, University of Calgary, Calgary, Canada
- 2003-2004 Reviewer/Interviewer for CaRMS Internal Medicine residency, University of Calgary, Calgary, Canada
- 2001 Preceptor for Cardiovascular Course, Faculty of Medicine, University of Calgary, Calgary, Canada

University Committees

- 2015 – University of Alberta 2030 Planning – Research Committee (Co-Chair)
- 2015 – Search and Selection Committee, Clinical Scholar, Department of Critical Care Medicine (Member)
- 2014 – Search and Selection Committee, Intensivist, General Systems Intensive Care Unit, Department of Critical Care Medicine (Member)

- 2012 – Search and Selection Committee, Chair, Division of Critical Care Medicine (Member)
- 2008 – Residency Program Committee, Division of Critical Care Medicine, University of Alberta, Edmonton, Canada (Member)
- 2007 – 2010 Medical Emergency Team Interest Group (Chair)
- 1997 – 1997 Course Evaluation Work Group Committee, Faculty of Medicine, University of Calgary, Calgary, Canada

Hospital Committees

- 2015 – Moral Distress Working Group (Cardiovascular Surgical Intensive Care Unit, Mazankowski Alberta Health Institute)
- 2012 – University of Alberta Hospital MET Quality Review Committee
- 2010 – General Systems Intensive Care Unit Quality Improvement Committee

Zonal/Regional Committees

- 2017 – Northern Zone Academic Medicine and Health Services Program (AMHSP) Steering Committee (Member)
- 2016 – Board of Directors (voting member), Northern Alberta Clinical Trials and Research Centre (NACTRC)
- 2016 – Search and Selection Committee, Deputy Medical Director, Department of Critical Care Medicine, Alberta Health Services
- 2012 – Edmonton Zone Medical Leadership Committee (Member)
- 2012 – Search and Selection Committee, Division of Critical Care Medicine Research (Chair)
- 2009 – Pandemic Influenza Scientific Expert Committee, Alberta Health Services (Member)
- 2007 – Regional CRRT Committee, Department of Critical Care Medicine (Member)

Provincial Committees

- 2017 – Provincial Academic Medicine and Health Services Program (AMHSP) Operations Committee (Member)
- 2013 – Provincial Critical Care Strategic Clinical Network Scientific Advisory Committee (Member)
- 2013 – Provincial Critical Care Strategic Clinical Network Core Committee (Member)
- 2012 – Provincial eCritical TRACER Steering Committee (Member)

National Committees

- 2011 – Canadian Frailty Network (CFN) – Networks Centers of Excellence, Scientific Advisory/Review Committee

Symposia and Conferences

- 2016 *Critical Care Canada Forum*, Toronto, Canada (October-November); Member, Executive Committee.
- 2016 *National Kidney Foundation (NKF) 2016 Spring Clinical Meetings (SCM16)*, Boston, Mass (April); Member, Organizing Committee.
- 2015 *Acute Dialysis Quality Initiative XV – AKI in the Era of Big Data*, Banff, Alberta (September); Chair.

- 2015 *Critical Care Canada Forum*, Toronto, Canada (October-November); Member, Scientific Advisory Board.
- 2015 *35th International Symposium on Intensive Care and Emergency Medicine*, Brussels, Belgium (March); Member, Scientific Advisory Board.
- 2015 *National Kidney Foundation (NKF) 2015 Spring Clinical Meetings (SCM15)*, Dallas, Texas (March); Member, Organizing Committee.
- 2014 *Critical Care Canada Forum*, Toronto, Canada (October-November); Member, Scientific Advisory Board.
- 2014 *34th International Symposium on Intensive Care and Emergency Medicine*, Brussels, Belgium (March); Member, Scientific Advisory Board.
- 2013 *Critical Care Canada Forum*, Toronto, Canada (November); Member, Scientific Advisory Board.
- 2013 *33rd International Symposium on Intensive Care and Emergency Medicine*, Brussels, Belgium (March); Member, Scientific Advisory Board.
- 2012 *32nd International Symposium on Intensive Care and Emergency Medicine*, Brussels, Belgium (March); Member, Scientific Advisory Board.
- 2012 *Critical Care Canada Forum*, Toronto, Canada (November); Member, Scientific Advisory Board.
- 2010 *Cardio-Renal Syndrome Satellite Symposium*, International Society of Hypertension, Vancouver, Canada (SEPTEMBER); Conference Co-Chair with Dr. Branko Braam.
- 2010 *Acute Kidney Injury and Renal Support in Critical Illness Symposium*, Edmonton, Canada (APRIL); Conference Co-Chair with Dr. Noel Gibney.

Post-Graduate Courses/Clinical Electives Attended

- 2009 Bedside Ultrasound in the ICU Seminar, Innovative Critical Care Ultrasound, Edmonton, Alberta
- 2004 Disaster Medicine: Beyond First Response, Post-graduate course, American College of Chest Physicians Annual CHEST Conference, Seattle, USA
- 2004 Department of Critical Care Medicine Quality Improvement Workshop, Calgary, Canada
- 2004 Systematic Reviews: Meta-Analysis in Context Short Course, University of Bristol, Bristol, UK
- 2003 Regional Difficult Airway Management Workshop, Calgary Health Region, Calgary, Canada
- 2003 ACES Critical Care Course, Ottawa, Canada
- 2000 Advanced Cardiac Life Support certification, American Heart Association, Calgary, Canada
- 2000 Clinical Elective in Pain Medicine, Beth Israel Medical Center, New York, USA
- 1998 Advanced Trauma Life Support Course, University of Calgary, Calgary, Canada
- 1998 Clinical Elective in Trauma Surgery, Groote Schuur Hospital, Cape Town, South Africa

SUPERVISION

Graduate Students

- 2016 – Carmel Montgomery, PhD Student. Project: Frailty in critical illness. Role: Supervisor.

- 2014 – Rami Zibdawi, Graduate Student. Project: Medical emergency team activations among hospitalized patients not for resuscitation. Role: Supervisor.
- 2014 – Dr. Oleksa Rewa, Critical Care Medicine. Project: Quality indicators of CRRT. Funding: Division of Critical Care Medicine. Role: Supervisor.
- 2014 – Dr. Rashid Alobaidi, Pediatric Critical Care Medicine. Project: Fluid balance in critically ill children. Funding: Department of Pediatrics. Role: Supervisor.
- 2013 –2016 Dr. Jaime Bastos, Critical Care Medicine Fellow. Project: Assessment of Intensive Care Unit Outreach Transition Programs effect on readmissions and mortality among ICU survivors discharged to ward. Funding: Department of Critical Care Medicine. Role: Committee Member.
- 2013 – Dr. Abdelsalam Elhenawy, Cardiac Surgery Resident. Project: Pre-operative intravenous iron therapy to prevent transfusion in cardiac surgery. Funding: Division of Cardiac Surgery. Role: Co-Supervisor.
- 2009 – 2012 Dr. Constantine Karvellas, Graduate Student, Divisions of Critical Care Medicine and Gastroenterology, University of Alberta. Project: Peri-operative prognostication in liver transplantation. Funding: Division of Critical Care Medicine. Role: Supervisor.

International Post-Doctoral Trainees

- 2013-2014 Dr. Luciano Pontes de Azevedo, Critical Care Medicine Fellow, Sao Paulo, Brazil. Project: Incidence and Long-term Outcomes of Critically Ill Adult Patients with Moderate to Severe Diabetic Ketoacidosis: Retrospective Matched Cohort Study. Funding: None.
- 2013-2013 Dr. Filipe Sousa Cardoso, Critical Care Nephrology Fellow, Porto, Portugal. Project: ICU Readmission After Liver Transplant. Funding: Division of Critical Care Medicine/Gambro Fellowship.
- 2013-2013 Dr. Pedro Fidalgo, Critical Care Nephrology Fellow, Lisbon, Portugal. Project: Acute Kidney Injury After Lung Transplantation. Funding: Division of Critical Care Medicine/Gambro Fellowship.
- 2010-2011 Dr. Ivens Augusto de Souza, Post-Graduate Fellow, Sirio Libanes Hospital, University of Sao Paulo, Brazil. Project: Fluid Balance in Critical Illness: Impact of Acute Kidney Injury on Outcome. Funding: None.

Undergraduate/Post-graduate trainees

- 2016-present Adam Hall, Critical Care Medicine Fellow, University of Alberta: Afterhours discharge from the intensive care unit.
- 2016-2017 Drayton Trumble, Medical Student, University of Alberta. Project: Falls in the ICU.
- 2015-2017 Dr. Philippe Lachance, Critical Care Medicine Fellow, University of Alberta. Project: Systematic review of e-alerts for AKI.
- 2015-present Dr. Naheed Rajabali, Geriatric Medicine Fellow, University of Alberta. Project: Validation of Clinical Frailty Scale in eCritical.
- 2015-2017 Dr. Pierre-Marc Villeneuve, Critical Care Medicine Fellow. Project: Systematic review of quality of life in AKI.

- 2015-2016 Satbir Kullar, Undergraduate Student, University of Alberta. Project: Quality of Care in Acute Kidney Injury.
- 2014-present Dr. Brandon Galm, Internal Medicine Resident, University of Alberta. Project: Intravenous fluid for resuscitation in diabetic ketoacidosis.
- 2013-2017 Dr. Erika MacIntyre, Critical Care Medicine Fellow, University of Alberta. Project: Incidence and utilization of home mechanical ventilation.
- 2011-2012 Mohammad Ahmed, Critical Care Medicine Research Fellow (Egypt), University of Alberta. Project: Acute Kidney Injury After Lung Transplantation.
- 2010-2013 Dr. Ilana Kopolovic, Internal Medicine Resident, University of Alberta. Project: Kidney Outcomes in Patients Undergoing Surgical Correction of Abdominal Aortic Aneurysms.
- 2010-2015 Dr. Wei Wang, Cardiac Surgery Resident, University of Alberta. Project: Post-Cardiac Surgery Acute Kidney Injury in Octogenarians.
- 2010-2014 Dr. Adam Romanovsky, Critical Care Medicine Fellow, University of Alberta. Project: Rate of correction of hyponatremia post liver transplantation and possible consequences of a rapid rise in serum sodium.
- 2010-2013 Dr. Heidi Choi, Internal Medicine Resident, University of Alberta. Project: Incidence and outcomes in critically ill patients admitted with diabetic ketoacidosis.
- 2010-2012 Dr. Dominic Carney, Critical Care Medicine Fellow, University of Alberta. Project: Outcomes of patients with Usual Interstitial Pneumonia admitted to the intensive care unit.
- 2009-2011 Dr. Paul Engels, Critical Care Medicine Fellow, University of Alberta. Project: Pleth Variability Index in Critical Care Trauma Patients.
- 2008-2009 Dr. Kris Chan, Internal Medicine Resident, University of Alberta. Project: Clinical outcomes and prognostic factors in patients with acute myelogenous leukemia (AML) admitted to the intensive care unit: a case-control study.
- 2008-2010 Dr. Amanda Roze des Ordons, Anesthesiology Resident, University of Alberta. Project: Clinical outcomes and prognostic factors in patients with acute myelogenous leukemia (AML) admitted to the intensive care unit: a case-control study.
- 2008-2010 Dr. Hussein Kanji, Emergency Medicine Resident, University of Alberta. Project: Relative Difference between pre-operative and cardiopulmonary bypass mean arterial pressures is independently associated with cardiac surgery-associated acute kidney injury.
- 2007-2009 Dr. Constantine Karvellas, Critical Care Fellow, A case-control study of single-pass albumin dialysis for acetaminophen-induced acute liver failure.
- 2008-2009 Dr. Aidan Cunniffe, Family Medicine/Emergency Medicine Resident, University of Alberta. Project: Satisfaction with Emergency Department care among family members of critically ill patients: a feasibility study.

Trainee Awards/Scholarships

- 2017 Dr. Oleksa Rewa, Graduate Student, Project: Quality Indicators in CRRT. Funding: Canadian Critical Care Trials Group Research Fellowship. Funds Awarded \$50,000.

- 2016 Drayton Trumble, Medical Student, University of Alberta. Project: Falls in the ICU. Funding: AIHS Summer Studentship. Funds Awarded: \$6,000.
- 2015 Dr. Oleksa Rewa, Graduate Student, University of Alberta. Project: Furosemide Stress Test in Acute Kidney Injury. Funding: University Hospital Foundation. Funds Awarded: \$35,000.
- 2015 Dr. Erika McIntyre, Post-Graduate Trainee, University of Alberta. Project: Epidemiology of Home Mechanical Ventilation in Alberta. Funding: Covenant Health Grant. Funds Awarded: \$5,000.
- 2015 Dr. Oleksa Rewa, Graduate Student, University of Alberta. Project: Quality Indicators of Continuous Renal Replacement Therapy Care in Critically Ill Patients. Funding: CIHR Canada Graduate Scholarship – Master’s Award. Funds Awarded: \$17,500.
- 2009-2013 Ambica Parmar, Summer Student, Undergraduate, University of Alberta. Project: Medical emergency team and end-of-life care. Funding: Health Quality Council of Alberta Scholarship and Alberta Heritage Foundation for Medical Research/Alberta Innovates – Health Solutions Summer Studentship. Role: Supervisor. Funds Awarded: \$6,500.
- 2008-2009 Dr. Hussein Kanji, Emergency Medicine Resident, University of Alberta. Project: Relative Difference between pre-operative and cardiopulmonary bypass mean arterial pressures is independently associated with cardiac surgery-associated acute kidney injury. Funding: Edmonton Civic Employees Grant. Role: Supervisor Funds Awarded: \$5000.

RESEARCH FUNDING

Total Funding Received from 2001-2016:	\$15,528,996.00
Total Funding Received as Principal Investigator:	\$7,122,278.00

Scholarships

- 1. Canadian Institute of Health Research (CIHR) Clinical Fellowship.** Department of Intensive Care Medicine, Austin Hospital, Melbourne, Australia. Co-Supervisors: Prof. William A Ghali, Prof. Rinaldo Bellomo. (2006)
- 2. Detweiler Traveling Fellowship, Royal College of Physicians and Surgeons of Canada.** Department of Intensive Care Medicine, Austin Hospital, Melbourne, Australia. Supervisor: Prof. Rinaldo Bellomo. (2005)
- 3. Alberta Heritage Foundation for Medical Research (AHFMR) Clinical Fellowship.** Department of Intensive Care Medicine, Austin Hospital, Melbourne, Australia. Co-Supervisors: Prof. William A Ghali, Prof. Rinaldo Bellomo. (2005)
- 4. Canadian Institute of Health Research (CIHR) Graduate Scholarship Masters Award.** Department of Critical Care Medicine, University of Calgary. Supervisor: Dr. Christopher Doig. (2004)
- 5. Theodor Ackermann Scholarship in Diabetes Research.** Laboratory of Autoimmune Diabetes, Robarts Research Institute, University of Western Ontario. Supervisor: Dr. Terry L Delovitch. (1996)

Career Awards

1. **Canada Research Chair in Critical Care Nephrology (Tier 2) (RENEWAL).** Program: Optimal timing of renal replacement therapy in critically ill patients with AKI. Period of funding: July 2016-June 2021.
2. **Canada Research Chair in Critical Care Nephrology (Tier 2).** Program: Optimal timing of renal replacement therapy in critically ill patients with AKI. Period of funding: July 2011-June 2016.
3. **Alberta Heritage Foundation for Medical Research (AHFMR) Independent Investigator Award.** Project: A phase II randomized, blinded, placebo-controlled trial of the effect of furosemide in critically ill patients with early acute kidney injury. Funds Awarded: \$1,125,000. Period of funding: July 2008-June 2015.

Operating Grants (Principal Investigator/Senior Investigator)

1. **Health Research Council of New Zealand Operating Grant.** Project: STandard versus Accelerated initiation of Renal Replacement Therapy in Acute Kidney Injury (STARRT-AKI). Funds Awarded \$ 1,191,467 (NZ). Period of funding: July 1, 2017 – June 30 2021. (2017) (Nominated PI: Dr. Shay McGuinness)
2. **Edmonton Zone Medical Staff Association Quality Improvement (QI) Grant.** Project: Closing the Loop – Enhancing Communication Between Intensivists and General Practitioners for Improved Patient Care Following Critical Illness. Funds Awarded \$40,000. Period of funding: Jan 1, 2017 – Dec 31 2017. (2017) (Nominated PI: Dr. Oleksa Rewa)
3. **National Health and Medical Research Council (NHMRC – Australia).** Project: STandard versus Accelerated initiation of Renal Replacement Therapy in Acute Kidney Injury (STARRT-AKI). Funds Awarded \$2,112,447 (AUS). Period of funding: March 1, 2015 – Feb 2018. (2015) (Nominated PI: Dr. Martin Gallagher)
4. **Canadian Institutes for Health Research (CIHR) Industry Partnered Collaborative Operating Grant.** Project: STandard versus Accelerated initiation of Renal Replacement Therapy in Acute Kidney Injury (STARRT-AKI). Funds Awarded \$1,020,996. Period of funding: Jan 1, 2017 – Dec 2021. (2016)
5. **Canadian Institutes for Health Research (CIHR) Operating Grant.** Project: Standard versus Accelerated Initiation of Renal Replacement Therapy in Acute Kidney Injury (STARRT-AKI). Funds Awarded: \$1,177,472. Period of funding: July 1, 2015 – June 30, 2019. (2015)
6. **Technology Evaluation in the Elderly Network.** Project: Clinical Frailty Scale Score Implementation into a Provincial Bedside Clinical Information System (eCritical). Amount Awarded: \$100,000. Period of funding: July 1, 2015 - June 30, 2016. (2015)
7. **Technology Evaluation in the Elderly Network (TVN).** Project: Reengineering the Discharge of Elderly Patients from ICU. Funds Awarded \$25,468. Period of funding: July 2014 – March 2016 (2014).
8. **Canadian Institutes for Health Research (CIHR) Operating Grant.** Project: Standard versus Accelerated Initiation of Renal Replacement Therapy in Acute Kidney Injury (STARRT-AKI). Bridge Funding Awarded: \$100,000. (2014).

9. **Partnership for Research and Innovation in the Health System (PRIHS) (AI-HS).** Project: Identifying and Evaluating Intensive Care Unit Capacity Strain in Alberta. Funds Awarded \$743,000. Period of funding: April 2014 – March 2017 (2014).
10. **Partnership for Research and Innovation in the Health System (PRIHS) (AI-HS).** Project: Reassessing Practices in the Daily Care of Critically Ill Patients: Building Capacity and Methodology to Identify & Close Evidence-care Gaps. Funds Awarded \$748,000. Period of funding: April 2014 – March 2016 (2014).
11. **Technology Evaluation in the Elderly Network (TVN).** Project: OPTIMAL Selection for and Timing to Start Renal Replacement in Critically Ill Older Patients with Acute Kidney Injury (OPTIMAL-AKI). Funds Awarded: \$384,000 (2013). Period of funding: March 1, 2013 – March 31, 2016 (2013).
12. **University-Wide Bridge Funding Program (University of Alberta).** Project: A phase II randomized, blinded, placebo-controlled trial of the effect of furosemide in critically ill patients with early acute kidney injury (The SPARK Study). Funds Awarded: \$40,000 (2012).
13. **MSI Foundation.** Project: A Prospective Multi-centre Observational Study of Frailty in Cardiac Surgery in Alberta. Funds Awarded: \$88,000 (2012).
14. **The University Hospital Foundation.** Project: Intra-Operative Continuous Renal Replacement Therapy in Liver Transplantation: A phase II randomized controlled trial. Funds Awarded: \$34,843 (2012).
15. **The University Hospital Foundation.** Project: Enteral Glutamine to Improve Outcomes in Cardiovascular Surgical Patients: A Pilot Randomized, Blinded, Placebo-Controlled Trial. Funds Awarded: \$34,843 (2012).
16. **The University Hospital Foundation.** Project: Standard versus Accelerated Initiation of Renal Replacement Therapy in Acute Kidney Injury (STARRT-AKI). Funds Awarded: \$19,750 (2011).
17. **Canadian Institutes for Health Research (CIHR) Operating Grant.** Project: Standard versus Accelerated Initiation of Renal Replacement Therapy in Acute Kidney Injury (STARRT-AKI). Funds Awarded: \$276,360 (2011).
18. **Canadian Institutes for Health Research (CIHR) Operating Grant.** Project: A prospective multicentre observational study of frailty in critically illness (ICU FRAILTY Study). Funds Awarded: \$146,718 (2011).
19. **The Canadian Intensive Care Foundation.** Project: A prospective multicentre observational study of frailty in critically illness (ICU FRAILTY Study). Funds Awarded: \$25,000 (2010).
20. **The University Hospital Foundation.** Project: A prospective multicentre observational study of frailty in critically illness (ICU FRAILTY Study). Funds Awarded: \$25,000 (2010).
21. **The University Hospital Foundation.** Project: Five Percent Albumin Versus Normal Saline As Fluid Resuscitation Strategies For The Early Management Of Suspected Septic Shock (PRECISE Trial). Funds Awarded: \$20,450 (2009).
22. **The University Hospital Foundation.** Project: Timing of Renal Replacement Therapy in Critically Ill Patients with Acute Kidney Injury. Funds Awarded: \$21,703 (2007).
23. **The Canadian Intensive Care Foundation.** Project: A pilot randomized, double-blind, placebo-controlled trial of the effect of sodium bicarbonate on

post-operative kidney function in patients undergoing elective cardiopulmonary bypass. Funds Awarded: \$20,000 (2007).

24. **Faculty of Medicine and Dentistry, University of Alberta.** Start-Up Grant. Funds Awarded: \$60,000 (2007).
25. **Austin Anaesthesia and Intensive Care Trust.** Project: Plasma and Urine Neutrophil Gelatinase-Associated Lipocalin (NGAL) in Septic versus Non-Septic Critically Ill Patients with Acute Kidney Injury. Funds Awarded: \$18,200 (2006).

Operating Grants (Co-Investigator)

1. **Canadian Institute for Health Research (CIHR) Project Grant.** Project: REPOSE: Relaxation for critically ill patient outcomes and stress-coping enhancement: Clinical trial of an integrative intervention to improve critically ill patients delirium and related outcomes. PI: Paphanasoglou E. Funds Awarded: \$187,302. Period of Funding: July 1, 2016 – June 30, 2018. (2016)
2. **Canadian Institute for Health Research (CIHR) Project Grant. Project:** Bacteremia Antibiotic Length Actually Needed for Clinical Effectiveness (BALANCE): A Randomized Controlled Clinical Trial. PI: Daneman, Nick. Funds Awarded: \$2,010,635. Period of Funding: July 1, 2016 – June 30, 2021 (5 years). (2016)
3. **Heart and Stroke Foundation of Canada.** Project: Grant-In-Aid - PREHAB Study – Pre-operative Rehabilitation for reduction of Hospitalization after coronary By-pass and Valvular surgery. PI: Dr. Rakesh Arora. Funds Awarded \$259,192. Period of funding: July 2014 – June 2017. (2014)
4. **Technology Evaluation in the Elderly Network.** Project: PREHAB Study – Pre-operative Rehabilitation for reduction of Hospitalization after coronary By-pass and Valvular surgery. PI: Dr. Rakesh Arora. Funds Awarded \$94,504. Period of funding: July 2014 – March 2016. (2014)
5. **Canadian Institute for Health Research (CIHR) Foundation Scheme.** Project: Better Prediction and Decision Support Tools to Improve Care and Outcomes for Patients with Acute Kidney Injury. PI: Dr. Matthew James. Funds Awarded: \$1,900,000. Period of Funding: July 1, 2015 – June 30, 2020. (2015)
6. **Technology Evaluation in the Elderly Network.** Project: From Home Care to Acute Care and Back Again Research Program. PI: Dr. Paul Hebert. Funds Awarded: \$1,000,000. Period of Funding: July 1, 2015 – June 30, 2018. (2015)
7. **Technology Evaluation in the Elderly Network.** Project: Nutrition Screening and Care Process Implementation Program to Address Malnutrition in Elderly Acute Care Patients. PI: Dr. Heather Keller. Funds Awarded: \$1,000,000. Period of Funding: July 1, 2015 – June 30, 2018. (2015)
8. **The University Hospital Foundation.** Project: COMParison of Angiotensin Converting enzyme inhibitor management strategies prior to coronary artery bypass surgery (the COMPACT trial): a pilot randomized controlled registry study. PI: Dr. Sean van Diepen. Funds Awarded: \$34,979. Period of Funding: January 1, 2014 - December 31, 2015. (2013)
9. **Physician Services Incorporated Health Research Grant.** Project: Optimizing Duration of Antibiotic Therapy for Bloodstream Infections: a multi-centre retrospective study. PI: Dr. Nick Daneman. Funds Awarded: \$167,156. (2012)

10. **Academic Health Science Centre AFP Innovation Fund.** Project: Optimizing Duration of Antibiotic Therapy for Bloodstream Infections: a multi-centre retrospective study. Funds Awarded: \$99,581. (2012)
11. **Physician Services Incorporated Health Research Grant Application.** Project: Point Prevalence Study of Barriers to Acute Rehabilitation in Ontario Intensive Care Units. PI: Dr. Michelle Kho. Funds Awarded: \$58,235. (2012)
12. **Academic Health Science Centre AFP Innovation Fund.** Project: Point Prevalence Study of Barriers to Acute Rehabilitation in Canadian Intensive Care Units. PI: Dr. Michelle Kho. Funds Awarded: \$102,184. (2012)
13. **Canadian Institutes of Health Research (CIHR) Operating Grant.** Project: Early Determination of long-term Prognosis in critically ill patients with Severe Traumatic Brain Injury (TBI-Prognosis multicenter prospective study). PI: Dr. Alexis Turgeon. Funds Awarded: \$1,053,131.* (2012)
14. **Networks of Centers of Excellence (NCE) grant.** Project: TECHVALUE NET: Better Health for an Ageing Population. PI: Dr. Daren Heyland. Funds Awarded: \$23,888,157. (2012)
15. **Canadian Institutes for Health Research (CIHR) Operating Grant.** Project: Transfusion Requirements in Cardiac Surgery II (TRICS II). PI. Dr. David Mazer. Funds Awarded: \$118,822. (2011)
16. **Canadian Institutes for Health Research (CIHR) Operating Grant.** Project: Advance Care Planning Evaluation in Elderly Patients: A multi-center, prospective study (The ACCEPT Study). PI: Dr. Daren Heyland. Funds Awarded: \$18,200. (2011)
17. **Transplant Fund Value Added (TFVA) Operating Grant.** Project: Validation of pre-operative scoring systems and renal biomarkers in critically ill patients with acute on chronic liver failure assessed for liver transplantation. PI: Dr. Constantine Karvellas. Funds Awarded: \$25,000. (2010)
18. **Canadian Institutes for Health Research (CIHR) Operating Grant.** Project: The impact of reduced ICU bed availability due to the H1N1 pandemic on the care and outcomes of acutely unwell hospitalized patients. PI: Dr. Tom Stelfox. Funds Awarded: \$92,600. (2010)
19. **Canadian Institute of Health Research (CIHR) Operating Grant.** Project: Realities, Expectations and Attitudes to Life Support Technologies in Intensive Care for Octogenarians: The REALISTIC 80 Study. PI: Dr. Daren Heyand. Funds Awarded: \$943,227. (2009)
20. **Canadian Institute of Health Research (CIHR) Operating Grant.** Project: Renal Function as a predictor of Vascular events In noncardiac Surgery patients cOhort evaluationN (RE-VISION). PI: Dr. PJ Devereaux. Funds Awarded: \$284,327. (2009)
21. **Canadian Blood Services (CBS) Operating Grant.** Project: Five Percent Albumin Versus Normal Saline As Fluid Resuscitation Strategies For The Early Management Of Suspected Septic Shock (PRECISE Trial). PI: Dr. Lauralyn McIntyre. Funds Awarded: \$150,000. (2009)
22. **The University Hospital Foundation.** Project: Using AtorVASTatin to prevent VAscular Inflammatory OccLUSion in the Critically Ill (VASTAVLUS): A phase II randomized controlled trial. PI: Dr. Michael Jacka. Funds Awarded: \$25,000. (2009)

23. **Canadian Institute of Health Research (CIHR) Partnership for Health System Improvement (PHSI) Grant.** Project: Assessing Care of Patients with Major Traumatic Injuries. PI: Dr. Tom Stelfox. Funds Awarded: \$147,273. (2008)
24. **The Canadian Intensive Care Foundation.** Project: Epidemiology of severe acute renal failure in critically ill patients. PI: Dr. Kevin Laupland. Funds Awarded: \$20,000. (2005)

Conference/Meeting Grants

1. **Canadian Institutes for Health Research (CIHR) Planning and Dissemination Grant:** Program Award: A National Strategy on Quality of Care Research and Evaluation – With the Patient for the Patient. Role: **Co-Applicant**. Funds Awarded \$25,000. Period of funding: July 1, 2015 – June 30, 2016.
2. **Canadian Institutes for Health Research (CIHR) Planning and Dissemination Grant:** Program Award: Structuring Patient-Oriented Research: Developing a National Agenda in Patient Care Research and Evaluation. Role: **Co-Applicant**. Funds Awarded \$25,000. Period of funding: July 1, 2014 – June 30, 2015.
3. **Canadian Institutes for Health Research (CIHR) Planning Grant.** Program: Emerging research and clinical priorities in the detection and management of frailty in older patients across acute care settings. Role: **Co-Applicant**. Funds Awarded: \$24,150.00. Period of funding: June 11, 2013.
4. **Alberta Heritage Foundation for Medical Research Conference Grant.** Symposium: Acute Kidney Injury and Renal Support in Critical Illness Symposium. Role: **Principal Applicant**. Funds Awarded: \$2,500. Period of funding: November 20, 2010.

Industry Partnership Grants

1. **Baxter-Gambro Renal Grant:** Project: Key Quality Indicators for Continuous Renal Replacement Therapy in Critically Ill Patients: A Systematic Review. Role: **Principal Investigator**. Funds Awarded: \$ 48,500.00. Period of funding: December 1, 2014 – November 30, 2016.

INVITED KEYNOTE ADDRESSES (2)

1. *Strategies for Starting Renal Replacement Therapy in Critically Ill Patients with Acute Kidney Injury.* At the 6th Annual AKI Symposium, Critical Care Medicine, University of Pittsburgh Medical Center, Pittsburgh, USA (October 13, 2016)
2. *Frailty in Critical Illness.* At the 18th Jornades de Medicina Intensiva de Primavera, Porto, Portugal (APRIL 18, 2013)

INVITATIONS AS A VISITING PROFESSOR (11)

1. **Hospital Siro-Libanes:** Impact of Frailty in Critically Ill Patients: Does It Add Any Value? Critical Care Grand Rounds, Hospital Sirio-Libanes, Sao Paulo, Brazil (JUNE 19, 2017)
2. **University of Toronto:** *e-Alerts for AKI and Integrated Clinical Decision Support*, City-Wide Nephrology Grand Rounds, University of Toronto, Toronto, Canada (DECEMBER 7, 2016).
3. **University of Manitoba:** *Strategies for Starting Renal Replacement Therapy*. Division of Critical Care Medicine Grand Rounds, University of Manitoba, Winnipeg, Canada (SEPTEMBER 28, 2016)
4. **Beijing Anchen Cardiac Surgery Hospital:** *Quality of Care in CRRT*. Department of Intensive Care Medicine Grand Rounds, Beijing Anchen Hospital, Beijing China (SEPTEMBER 21, 2016)
5. **Beijing Friendship Hospital:** *Quality of Care in CRRT*. Department of Intensive Care Medicine Grand Rounds, Beijing Friendship Hospital, Beijing China (SEPTEMBER 21, 2016)
6. **Nanjing Zhongda Hospital:** *Implementing Care Bundles for AKI*. Department of Critical Care Medicine Grand Rounds, Zhongda Hospital, Nanjing, China (APRIL 1, 2016)
7. **University of British Columbia (Royal Columbia Hospital):** *Controversies in Peri-Operative Fluid Therapy: Divine Brines or Toxic Potables*. Departments of Surgery and Anesthesia Grand Rounds, Royal Columbia Hospital, Vancouver, Canada (APRIL 25, 2013)
8. **Mayo Clinic:** *Fluid Overload: Iatrogenic but Inevitable?* Mayo Clinic Critical Care Visiting Professor Fellows Rounds, Rochester, Minnesota (SEPTEMBER 27, 2012)
9. **Cambridge University:** *Furosemide in the Treatment of Early Acute Kidney Injury: The SPARK Trial*. Visiting Professor Rounds at Papworth Hospital NHS Foundation Trust, Cambridge, United Kingdom (SEPTEMBER 3, 2011)
10. **University of Toronto:** *Renal Replacement Therapy: When to Start?* Visiting Professor Rounds at the University of Toronto, Department of Critical Care Medicine, Toronto, Canada (APRIL, 2011)
11. **McMaster University:** *Acute Kidney Injury in Critical Illness*, Critical Care Medicine Grand Rounds, McMaster University, Hamilton, Canada (NOVEMBER 2008)

INVITED ADDRESSES/LECTURES (231)

12. *Strategies for When to Start Renal Replacement Therapy in Acute Kidney Injury*. Regina General Hospital – Provincial Nephrology Rounds, **Regina, Saskatchewan** (April 28, 2017).
13. *Unnecessary Renal Replacement Therapy in Critically Ill Patients with Acute Kidney Injury*. Regina General Hospital Rounds, **Regina, Saskatchewan** (April 27, 2017).
14. *Management of Hepatic Failure*. National Kidney Foundation Spring Clinical Meetings 2017, **Orlando, Florida** (April 21, 2017)
15. *RRT Initiation Strategies*. National Kidney Foundation Spring Clinical Meetings 2017, **Orlando, Florida** (April 20, 2017)

16. *Hepatorenal Syndrome*. National Kidney Foundation Spring Clinical Meetings 2017, **Orlando, Florida** (April 18, 2017)
17. *Diuretic Use in ICU: Liberal or Conservative*. 37th International Symposium on Intensive Care and Emergency Medicine, **Brussels, Belgium** (March 24, 2017)
18. *Quality Indicators in CRRT*. 37th International Symposium on Intensive Care and Emergency Medicine, **Brussels, Belgium** (March 23, 2017)
19. *Indicators of Strained Capacity in the Intensive Care Unit*. 37th International Symposium on Intensive Care and Emergency Medicine, **Brussels, Belgium** (March 21, 2017)
20. *Liver Failure in the ICU*. University of Toronto Critical Care Nephrology Day, **Toronto, Canada** (December 7, 2016)
21. *Strategies for Starting Renal Replacement Therapy in Acute Kidney Injury*. Polish Society of Anaesthesiology and Intensive Therapy, **Karpacz, Poland** (November 25, 2016)
22. *Impact of Frailty in Critically Ill Patients*. Polish Society of Anaesthesiology and Intensive Therapy, **Karpacz, Poland** (November 25, 2016)
23. *Type of Crystalloid Fluids in Acute Care Medicine*. Chinese Critical Care Congress 2016, **Dalian City, China** (September 23, 2016)
24. *Hepato-renal Syndrome*. Chinese Critical Care Congress 2016, **Dalian City, China** (September 23, 2016)
25. *Moral Distress and Burnout Among Critical Care Providers*. Department of Critical Care Medicine Grand Rounds, **Edmonton, Canada** (September 13, 2016)
26. *Quality Improvement and AKI*. 2nd International Symposium on AKI in Children, **Cincinnati, USA** (June 26, 2016)
27. *Adult Patient Studies in Critical Care Nephrology*. 2nd International Symposium on AKI in Children, **Cincinnati, USA** (June 26, 2016)
28. *AKI in the Era of Big Data (Report from ADQI XV)*. 34th Vicenza Course on AKI & CRRT, **Vicenza, Italy** (June 8, 2016)
29. *Timing of RRT in AKI*. 34th Vicenza Course on AKI & CRRT, **Vicenza, Italy** (June 8, 2016)
30. *The Economic Impact of AKI*. 34th Vicenza Course on AKI & CRRT, **Vicenza, Italy** (June 8, 2016)
31. *Managing the Failing Liver and Kidney*. 2016 NKF Spring Clinical Meetings, **Boston, USA** (April 27, 2016).
32. *Implementation a "Care Bundle" for AKI: Can It Improve Outcomes?* 2016 NKF Spring Clinical Meetings, **Boston, USA** (April 27, 2016).
33. *Ethical Dilemmas: Should We Even Offer RRT in ESLD?* 2016 NKF Spring Clinical Meetings, **Boston, USA** (April 27, 2016).
34. *Advances in Critical Care: Hepatorenal Syndrome*. 2016 NKF Spring Clinical Meetings, **Boston, USA** (April 27, 2016).
35. *Impact of Frailty in Critical Illness*. 36th Annual Scientific Meeting of the Canadian Geriatric Society, **Vancouver, BC** (April 16, 2016)
36. *Renal Replacement Therapy – When to Start in AKI*. Critical Care Ground Rounds, Surrey Memorial Hospital, **Vancouver, BC** (April 15, 2016)
37. *Quality of Care Issues in AKI*. 2016 AKI & CRRT Shanghai Forum, **Shanghai, China** (March 31, 2016)
38. *Renal Replacement Therapy – When to Start in AKI*. 2016 AKI & CRRT Shanghai Forum, **Shanghai, China** (March 31, 2016)

39. *AKI: Room for Improvement?* 36th International Symposium on Intensive Care and Emergency Medicine, **Brussels, Belgium** (March 18, 2016)
40. *ICU Capacity: Strain and Impact on Health Care Providers.* 36th International Symposium on Intensive Care and Emergency Medicine, **Brussels, Belgium** (March 17, 2016)
41. *Moral Distress and Burnout in Critical Care Providers.* 36th International Symposium on Intensive Care and Emergency Medicine, **Brussels, Belgium** (March 16, 2016)
42. *The Frail Critically Ill Patients.* 36th International Symposium on Intensive Care and Emergency Medicine, **Brussels, Belgium** (March 14, 2016)
43. *Aethlon Hemopurifier Cartridge for Ebola Virus Removal.* 45th Society of Critical Care Medicine Congress, **Orlando, USA** (February 21, 2016)
44. *Acute Kidney Injury: Pathophysiology, Etiology and Epidemiology.* 45th Society of Critical Care Medicine Congress, **Orlando, USA** (February 22, 2016)
45. *Salt Brines Are for Turkeys.* 45th Society of Critical Care Medicine Congress, **Orlando, USA** (February 21, 2016)
46. *Quality Assessment in the ICU: AKI & CRRT.* 2016 AKI & CRRT 2016, **San Diego, USA** (February 18, 2016)
47. *Lung Transplant and AKI.* 2016 AKI & CRRT 2016, **San Diego, USA** (February 17, 2016)
48. *Timing of RRT in AKI: Design of a Pragmatic Trial.* Round Table 2016: Pragmatic Trials in AKI, 2016 AKI & CRRT 2016, **San Diego, USA** (February 14, 2016)
49. *Can We Use Big Data for Pragmatic Trials?* Round Table 2016: Pragmatic Trials in AKI, 2016 AKI & CRRT 2016, **San Diego, USA** (February 14, 2016)
50. *The Frail Critically Ill Patient.* 25th Scottish Intensive Care Society, **St. Andrew's Scotland** (January 22, 2016)
51. *Acute Kidney Injury.* 25th Scottish Intensive Care Society, **St. Andrew's Scotland** (January 21, 2016)
52. *The Frail Critically Ill Patient.* Intensive Care Journal Club, Guy's and St. Thomas' Hospital, **London, UK** (January 20, 2016)
53. *The STARRT-AKI Trial.* London Intensive Care Group, **London, UK** (January 19, 2016)
54. *Moral Distress and Burnout Among Health Care Providers in CVICU.* Mazankowski Alberta Heart Institute Grand Rounds, **Edmonton, Canada** (November 24, 2015)
55. *Hyperoxia and Hypertonic Saline in Septic Shock (HYPER2S RCT) Editorial Comment.* Critical Care Canada Forum, **Toronto, Canada** (October 28 2015)
56. *I Suggest...Abnormal Saline.* Critical Care Canada Forum, **Toronto, Canada** (October 27 2015)
57. *ICU Strain: Perception of Health Care Providers.* Critical Care Canada Forum, **Toronto, Canada** (October 27 2015)
58. *Crystalloids in Acute Care: Wolves in Sheep's Clothing.* Paramedicine Across Canada Expo (PACE), **Edmonton, Canada** (October 1, 2015)
59. *Frailty Among the Critically Ill.* 3rd Annual TVN Conference, **Toronto, Canada** (September 28, 2015)
60. *Update on CRRT in AKI in ICU.* Critical Care Grand Rounds, Nanaimo Regional General Hospital, **Nanaimo, Canada** (September 24, 2015)

61. *The Frail Critically Ill Patients*, Department of Critical Care Medicine Grand Rounds, Cummings School of Medicine, **Calgary, Canada** (September 23, 2015)
62. *Crystalloids in Acute Care: Wolves in Sheep's Clothing*. Critical Care Grand Rounds, Lethbridge Chinook Regional Hospital, **Lethbridge, Canada** (September 18, 2015)
63. AKI in the Era of Big Data – 15th ADQI Consensus Conference, **Banff, Canada** (September 6, 2015)
64. *Renal Replacement Therapy – When to Start in AKI?* Vicenza Course on Critical Care Nephrology, **Vicenza, Italy** (June 10, 2015).
65. *AKI Care Bundles*. Chinese Society of Critical Care Medicine Congress, **Shanghai, China** (May 20, 2015)
66. *CRRT: Kidney Recovery and Health Economic Implications After AKI*. Chinese Society of Critical Care Medicine Congress, **Shanghai, China** (May 20, 2015)
67. *Update on RRT for AKI in ICU*, Kelowna General Hospital Critical Care Grand Rounds, **Kelowna, BC** (May 1, 2015).
68. *Outcomes for AKI Not Treated with RRT*, 2015 Spring Clinical Meetings, National Kidney Foundation, **Dallas, Texas** (March 29, 2015)
69. *Advanced Extracorporeal Techniques in the ICU*, 2015 Spring Clinical Meetings, National Kidney Foundation, **Dallas, Texas** (March 25, 2015)
70. *Hepato-Renal Syndrome*, 2015 Spring Clinical Meetings, National Kidney Foundation, **Dallas, Texas** (March 25, 2015)
71. *What is it exactly? – Hepato-renal syndrome*, 35th International Symposium of Intensive Care and Emergency Medicine, **Brussels, Belgium** (March 20, 2015)
72. *Should we even offer RRT? – Hepato-renal syndrome*, 35th International Symposium of Intensive Care and Emergency Medicine, **Brussels, Belgium** (March 20, 2015)
73. *We should start early – Continuous renal replacement therapy*, 35th International Symposium of Intensive Care and Emergency Medicine, **Brussels, Belgium** (March 19, 2015)
74. *My ICU is full: Measuring and mitigating strain – How to improve ICU quality*, 35th International Symposium of Intensive Care and Emergency Medicine, **Brussels, Belgium** (March 19, 2015)
75. *Long-term quality of life for the frail patient – After the ICU*, 35th International Symposium of Intensive Care and Emergency Medicine, **Brussels, Belgium** (March 18, 2015)
76. *Fluid Therapy: Divine Brine or Toxic Potable*. Department of Medicine Grand Rounds, University of Alberta, **Edmonton, Canada** (March 13, 2015)
77. *Acute Kidney Injury as a Quality Paradigm*. CRRT 2015, **San Diego, USA** (February 18, 2015)
78. *STARRT-AKI*. CRRT 2015, **San Diego, USA** (February 19, 2015)
79. *Acute Kidney Injury bundles to guide protocol driven management*. Round Table, CRRT 2015, **San Diego, USA** (February 16, 2015)
80. *Are Diuretics Bad for the Kidney in AKI?* Critical Care Canada Forum, **Toronto, Canada** (October 30, 2014)
81. *Renal Replacement Therapy – When to Start in AKI*. Critical Care Canada Forum, **Toronto, Canada** (October 30, 2014)
82. *The Frail Critically Ill Patient*. Australia New Zealand Intensive Care Society (ANZICS) Annual Scientific Meeting, **Melbourne Australia** (October 11, 2014)

83. *Effects of RRT on Renal Recovery*. Recovery Task Force – AKI Section, European Society of Intensive Care Medicine Congress, **Barcelona, Spain** (September 30, 2014)
84. *Biomarkers of AKI: Can Biomarkers Guide the Timing of RRT?* European Society of Intensive Care Medicine Congress, **Barcelona, Spain** (September 30, 2014)
85. *Timing of Initiation of RRT in ICU*. European Society of Intensive Care Medicine Congress, **Barcelona, Spain** (September 30, 2014)
86. *The Frail Critically Ill Patient*. Division of Critical Care Grand Rounds, **Edmonton, Alberta** (September 23, 2014)
87. *Sepsis and Acute Kidney Injury*. Calgary CRRT Education Symposium, **Calgary, Alberta** (June 12, 2014).
88. *Acute Kidney Injury: Epidemiology and Pathophysiology*. Calgary CRRT Education Symposium, **Calgary, Alberta** (June 12, 2014).
89. *Renal Replacement Therapy in the Decompensated Cirrhotic*. “Edge of Evidence”, American Thoracic Society, **San Diego, USA** (May 20, 2014)
90. *Long-term Association Between Frailty and Health-Related Quality-of-Life Among Survivors of Critical Illness*. “Edge of Evidence”, American Thoracic Society, **San Diego, USA** (May 20, 2014)
91. *Timing of Initiation of RRT in ICU*. Renal Support in the Critical Ill (Alfred Hospital), **Melbourne, Australia** (May 16, 2014)
92. *Renal Recovery After Acute Kidney Injury*. (Alfred Hospital), **Melbourne, Australia** (May 16, 2014)
93. *Loop Diuretics in Acute Kidney Injury*. Renal Support in the Critical Ill (Alfred Hospital), **Melbourne, Australia** (May 16, 2014)
94. *The Frail Critically Ill Patient*. Misericordia Medicine Grand Rounds, **Edmonton, Alberta** (April 17, 2014)
95. *Are Diuretics Bad for the Kidney?* 34th International Symposium of Intensive Care and Emergency Medicine, **Brussels, Belgium** (March 20, 2014)
96. *Would Outcomes Be Worse Without RRT?* 34th International Symposium of Intensive Care and Emergency Medicine, **Brussels, Belgium** (March 20, 2014)
97. *The Patient is Too Frail (Denied Admission)*. 34th International Symposium of Intensive Care and Emergency Medicine, **Brussels, Belgium** (March 18, 2014)
98. *Epidemiology of Renal Recovery: What Do We Know*. CRRT 2014, **San Diego, USA** (March 6, 2014)
99. *Economics of AKI*. CRRT 2014, **San Diego, USA** (March 6, 2014)
100. *STARRT-AKI: Initiation of Renal Support in AKI*. CRRT 2014, **San Diego, USA** (March 5, 2014)
101. *Effects of RRT on Renal Recovery*. Round Table, CRRT 2014, **San Diego, USA** (March 2, 2014)
102. *The Frail Critically Ill Patient*. 26th Annual ASICP Lake Louise Winter Meeting, **Lake Louise, Alberta** (January 24, 2014)
103. *Approaching End of Life Care in the Elderly*. Critical Care Canada Forum, **Toronto, Canada** (November 11, 2013)
104. *Viewpoint: Fluid is a Drug*, Critical Care Canada Forum, **Toronto, Canada** (November 10, 2013)
105. *Frailty: It’s Even More Important Than You Think* (Fellow’s Day) Critical Care Canada Forum, **Toronto, Canada** (November 9, 2013)

106. *Optimal Time to Start Renal Replacement Therapy (STARRT-AKI)*. European Society of Intensive Care Medicine (AKI Section), **Paris, France** (October 8, 2013).
107. *Does Choice of RRT Affect Renal Recovery?* 1st International “Best of Brussels” Symposium on Intensive Care and Emergency Medicine, **Pune, India** (July 14, 2013)
108. *Resuscitation Targets: ScvO₂ versus Lactate*. 1st International “Best of Brussels” Symposium on Intensive Care and Emergency Medicine, **Pune, India** (July 14, 2013)
109. *Removing Bad Humours in the Liver Patient: Truths and Fallacies*: 1st International “Best of Brussels” Symposium on Intensive Care and Emergency Medicine, **Pune, India** (July 14, 2013)
110. *Preventing Renal Failure*. 1st International “Best of Brussels” Symposium on Intensive Care and Emergency Medicine, **Pune, India** (July 13, 2013)
111. *Mode of Continuous Therapy: Hemofiltration vs. Hemodialysis*. 31st International Vicenza Course on Critical Care Nephrology, **Vicenza, Italy** (JUNE 12 2013)
112. *Urine Analysis in AKI*. 31st International Vicenza Course on Critical Care Nephrology, **Vicenza, Italy** (JUNE 12 2013)
113. *Controversies in Peri-Operative Fluid Therapy: Devine Brines or Toxic Potables*. Departments of Surgery and Anesthesia Grand Rounds, Royal Columbia Hospital, **Vancouver, Canada** (APRIL 25 2013)
114. *Frailty in Critical Illness*. 18th Jornades de Medicina Intensiva de Primavera, **Porto, Portugal** (APRIL 18 2013)
115. *The Challenge of Admitting Older Patients to Intensive Care*. 18th Jornades de Medicina Intensiva de Primavera, **Porto, Portugal** (APRIL 18 2013)
116. *The Frail Patient: The Limits Of What We Can Provide*. 33rd International Symposium of Intensive Care and Emergency Medicine, **Brussels, Belgium** (MARCH 22 2013)
117. *Preventing Renal Failure: Postoperative complications*. 33rd International Symposium of Intensive Care and Emergency Medicine, **Brussels, Belgium** (MARCH 22 2013)
118. *Vasopressin in the hepatorenal syndrome*. 33rd International Symposium of Intensive Care and Emergency Medicine, **Brussels, Belgium** (MARCH 21 2013)
119. *Outcomes from acute kidney injury not treated with RRT*. 33rd International Symposium of Intensive Care and Emergency Medicine, **Brussels, Belgium** (MARCH 20 2013)
120. *In the Liver Patient (Removing Bad Humors: Truths and Fallacies)*. 33rd International Symposium of Intensive Care and Emergency Medicine, **Brussels, Belgium** (MARCH 19 2013)
121. *Troponin in the Peri-operative Period*. 33rd International Symposium of Intensive Care and Emergency Medicine, **Brussels, Belgium** (MARCH 19 2013)
122. *Update on the EUPHRATES trial*. CRRT 2013, **San Diego, USA** (FEBRUARY 15 2013)
123. *Septic versus Non-Septic AKI*. CRRT 2013, **San Diego, USA** (FEBRUARY 14 2013)

124. *How Should You Manage Oliguria?* CRRT 2013, **San Diego, USA** (FEBRUARY 14 2013)
125. *Preventing and Managing Complications of Dialysis 2: Operation, Fluids, Electrolytes, and Acid Base.* CRRT 2013, **San Diego, USA** (FEBRUARY 13 2013)
126. *CRRT Outcome Studies.* CRRT 2013, **San Diego, USA** (FEBRUARY 12 2013)
127. *Renal Biomarkers: Where Do We Stand?* CRRT Symposium, Rigshospitalet, **Copenhagen, Denmark** (JANUARY 21, 2013)
128. *Renal Recovery after Acute Kidney Injury.* CRRT Symposium, Rigshospitalet, **Copenhagen, Denmark** (JANUARY 21, 2013)
129. *Renal Biomarkers: Where Do We Stand?* Societe de Reanimation de Langue Francasie (SRLF), **Paris, France** (JANUARY 18, 2013)
130. *Renal Replacement Therapy: When to Start (and Stop)?* Societe de Reanimation de Langue Francasie (SRLF), **Paris, France** (JANUARY 18, 2013)
131. *Renal Recovery after Acute Kidney Injury.* Societe de Reanimation de Langue Francasie (SRLF), **Paris, France** (JANUARY 17, 2013)
132. *Renal Support for the Critically Ill Patient.* 1st Annual Edmonton Critical Care Symposium, **Edmonton, Canada** (NOVEMBER 9, 2012)
133. *Frailty in Critical Illness.* Inter-Disciplinary Cardiac Sciences Rounds. **Edmonton, Canada** (OCTOBER 12, 2012)
134. *Fluid Accumulation in Critical Illness: Less is More.* Critical Care Canada Forum, **Toronto, Canada** (OCTOBER 29, 2012)
135. *Frailty in Critical Illness.* Critical Care Canada Forum, **Toronto, Canada** (OCTOBER 30, 2012)
136. *Scratching the Surface: "Subclinical" Acute Kidney Injury.* Critical Care Canada Forum, **Toronto, Canada** (OCTOBER 30, 2012)
137. *Fluid Therapy: Divine Brine or Toxic Potable?* Mayo Clinic Critical Care Grand Rounds, **Rochester, Minnesota** (SEPTEMBER 27, 2012)
138. *Fluid Overload: Iatrogenic but Inevitable?* Mayo Clinic Critical Care Visiting Professor Fellows Rounds, **Rochester, Minnesota** (SEPTEMBER 27, 2012)
139. *Current Clinical Trials in AKI – What Questions Are They Addressing?* 1st International Symposium on AKI in Children, **Cincinnati, Ohio** (SEPTEMBER 28, 2012)
140. *Fluid is a Drug: Late Conservative Fluid Management?* 1st International Symposium on AKI in Children, **Cincinnati, Ohio** (SEPTEMBER 28, 2012)
141. *Sepsis and Acute Kidney Injury.* Actual Aspects of Extracorporeal Blood Purification in Intensive Care, **Moscow, Russia** (JUNE 2 2012)
142. *Rationale for Use of Loop Diuretics in the Critically Ill.* Actual Aspects of Extracorporeal Blood Purification in Intensive Care, **Moscow, Russia** (JUNE 3 2012)
143. *Novel Biomarkers for Early Prediction of AKI.* American Thoracic Society, **San Francisco, USA** (MAY 2012)
144. *Fluid Therapy: Divine Brine or Toxic Potable?* Cardiac and Anesthesia Combined Rounds, **Edmonton, Canada** (APRIL 2012)
145. *The Clinical Consequences of Edema* International Symposium of Intensive Care and Emergency Medicine, **Brussels, Belgium** (MARCH 2012)

146. *Fluid Accumulation, Renal Injury and Outcome*. International Symposium of Intensive Care and Emergency Medicine, **Brussels, Belgium** (MARCH 2012)
147. *The Frailty Patient*. International Symposium of Intensive Care and Emergency Medicine, **Brussels, Belgium** (MARCH 2012)
148. *Renal Recovery After AKI*. International Symposium of Intensive Care and Emergency Medicine, **Brussels, Belgium** (MARCH 2012)
149. *Novel Biomarkers for AKI*. International Symposium of Intensive Care and Emergency Medicine, **Brussels, Belgium** (MARCH 2012)
150. *Frailty in Cardiac Surgery*. Quality and Cardiac Service Integration Rounds, **Edmonton, Canada** (MARCH 2012)
151. *CRRT Outcome Studies*. CRRT 2012, **San Diego, USA** (FEBRUARY 2012)
152. *Fluids and Solutions in the Critically Ill 2: Solutions for CRRT*. CRRT 2012, **San Diego, USA** (FEBRUARY 2012)
153. *The Changing Face of AKI: CANADA*. CRRT 2012, **San Diego, USA** (FEBRUARY 2012)
154. *Comparing RRT Modalities: Does It Matter What You Use If the Job Is Done*. CRRT 2012, **San Diego, USA** (FEBRUARY 2012)
155. *Frailty in Cardiac Surgery*. Cardiac Surgery Grand Rounds, **Edmonton, Canada** (January 27, 2012)
156. *The Use of Diuretics in Acute Kidney Injury*. American Society of Nephrology Conference, **Philadelphia, USA** (NOVEMBER 2011)
157. *Dialing in the Numbers: Designing Rational Replacement Fluids in CRRT*. American Society of Nephrology Conference, **Philadelphia, USA** (NOVEMBER 2011)
158. *Diuretics in Acute Kidney Injury*. Canadian Critical Care Forum, **Toronto, Canada** (NOVEMBER 2011)
159. *Hyponatremia in the Critical Care Setting: What Does It Look Like?* Canadian Critical Care Forum, **Toronto, Canada** (NOVEMBER 2011)
160. *Frailty in Critical Illness*, CACCN “Updates in Critical Care - Protocols and Practices” Symposium, **Edmonton, Canada** (NOVEMBER 2011)
161. *Furosemide in the Treatment of Early Acute Kidney Injury: The SPARK Trial*. Visiting Professor Rounds at Papworth Hospital NHS Foundation Trust, **Cambridge, United Kingdom** (SEPTEMBER 2011)
162. *Renal Replacement Therapy: When to Start?* Visiting Professor Rounds at the University of Toronto, Department of Critical Care Medicine, **Toronto, Canada** (APRIL 2011)
163. *Heart-Kidney Interaction*. Division of Cardiology Grand Rounds, Mazankowski Alberta Heart Institute, **Edmonton, Canada** (MARCH 2011)
164. *Renal Replacement Therapy in ICU: Are We Starting Too Late?* Round Table Conference: Controversies in Acute Kidney Injury. International Symposium of Intensive Care and Emergency Medicine, **Brussels, Belgium** (MARCH 2011)
165. *Extracorporeal Therapies in Sepsis*. International Symposium of Intensive Care and Emergency Medicine, **Brussels, Belgium** (MARCH 2011)
166. *Renal Replacement Therapy: When to Start?* International Symposium of Intensive Care and Emergency Medicine, **Brussels, Belgium** (MARCH 2011)
167. *Renal Replacement Therapy: Antimicrobial Dosing*. International Symposium of Intensive Care and Emergency Medicine, **Brussels, Belgium** (MARCH 2011)

168. *Frailty in Critical Illness*. International Symposium of Intensive Care and Emergency Medicine, **Brussels, Belgium** (MARCH 2011)
169. *Recover from Organ Failure*. International Symposium of Intensive Care and Emergency Medicine, **Brussels, Belgium** (MARCH 2011)
170. *Update on Acute Kidney Injury in the ICU*. 8th Annual Canadian Critical Care Conference, **Whistler, Canada** (FEBRUARY 2011)
171. *Update on Renal Replacement Therapy in the ICU*. 8th Annual Canadian Critical Care Conference, **Whistler, Canada** (FEBRUARY 2011)
172. *Prevention of Acute Kidney Injury*. 40th Critical Care Congress, **San Diego, USA** (JANUARY 2011)
173. *Renal Replacement Therapy in Acute Kidney Injury: Does Timing Matter?* Alberta Society of Intensive Care Physicians, **Lake Louise, Canada** (JANUARY 2011)
174. *Renal Support: Does Timing Matter?* Canadian Critical Care Forum, **Toronto, Canada** (NOVEMBER 2010)
175. *Intra-Operative Renal Support During Liver Transplantation: A Matched Control Study*, Liver Transplant Program Retreat, **Edmonton, Canada** (NOVEMBER 2010)
176. *Timing of Initiation of Renal Support*, Chinese Society of Critical Care Medicine, **Beijing, China** (OCTOBER 2010)
177. *Novel Extracorporeal Therapies in Sepsis*, Chinese Society of Critical Care Medicine, **Beijing, China** (OCTOBER 2010)
178. *Epidemiology of Cardio-Renal Syndromes, The Heart and Kidney Interface and the Cardio-Renal Syndrome*, International Society of Hypertension, **Vancouver, Canada** (SEPTEMBER 2010)
179. *What We Know of Acute Kidney Injury in Australasian ICUs*, 2010 Australia and New Zealand College of Intensive Care Medicine Annual Scientific Meeting, **Sydney, Australia** (JUNE 2010)
180. *Diuretics for Prevention of Contrast-Induced Nephropathy*, 2010 Australia and New Zealand College of Intensive Care Medicine Annual Scientific Meeting, **Sydney, Australia** (JUNE 2010)
181. *High Volume Hemofiltration*, 2010 Australia and New Zealand College of Intensive Care Medicine Annual Scientific Meeting, **Sydney, Australia** (JUNE 2010)
182. *Acute Kidney Injury and Sepsis*, 2010 Australia and New Zealand College of Intensive Care Medicine Annual Scientific Meeting, **Sydney, Australia** (JUNE 2010)
183. *Pharmacology and Renal Replacement Therapy*, 2010 Australia and New Zealand College of Intensive Care Medicine Annual Scientific Meeting, **Sydney, Australia** (JUNE 2010)
184. *Next Key Trials in Acute Kidney Injury: The SPARK Study*, 2010 Australia and New Zealand College of Intensive Care Medicine Annual Scientific Meeting, **Sydney, Australia** (JUNE 2010)
185. *Epidemiology of Cardio-Renal Syndromes*, 19th International Vicenza Course on Critical Care Nephrology, **Vicenza, Italy** (JUNE 2010)
186. *Urine Abnormalities in Septic Acute Kidney Injury*, 19th International Vicenza Course on Critical Care Nephrology, **Vicenza, Italy** (JUNE 2010)

187. *Trials in Acute Kidney Injury: The SPARK Study*, 19th International Vicenza Course on Critical Care Nephrology, **Vicenza, Italy** (JUNE 2010)
188. *METamorphosis: Documentation and Data*, Rapid Response System Retreat, **Edmonton, Canada** (JUNE 2010)
189. *Timing of Initiation of Renal Support in Critical Illness*, 2010 Edmonton AKI Symposium, **Edmonton, Canada** (APRIL 2010)
190. *Antimicrobial Dosing During Renal Support*, 2010 Edmonton AKI Symposium, **Edmonton, Canada** (APRIL 2010)
191. *Cardio-Renal Syndromes*, 2010 Edmonton AKI Symposium, **Edmonton, Canada** (APRIL 2010)
192. *Infusions, Urine Output, And Renal Function – The New Insights*, 8th World Congress on Trauma, Shock, Inflammation and Sepsis, **Munich, Germany** (MARCH 2010)
193. *Acute Kidney in Cardiac Surgery*, Cardiovascular Surgery Intensive Care Unit Resident Round, **Edmonton, Canada** (JANUARY 2010)
194. *Aspects of Providing RRT - Dose, Frequency, Clearance and Volume Removal, Renal Replacement Therapy For Intensivists*, 39th Critical Care Congress, **Miami, USA** (JANUARY 2010)
195. *Use of Intermittent Versus Continuous Diuretic Therapy, Rage Against The Machine: Nondialytic Volume Management*, 39th Critical Care Congress, **Miami, USA** (JANUARY 2010)
196. *Diagnosis of AKI: Reconciliation of AKIN and RIFLE*, American Society of Nephrology Conference, **San Diego, USA** (NOVEMBER 2009)
197. *Novel Extracorporeal Therapies in Critical Illness*, Canadian Critical Care Forum, **Toronto, Canada** (OCTOBER 2009)
198. *Antimicrobial Dosing During Renal Support*, Canadian Critical Care Forum, **Toronto, Canada** (OCTOBER 2009)
199. *Renal Recovery and Repair*, Division of Critical Care Medicine Grand Rounds, University of Alberta, **Edmonton, Canada** (OCTOBER 2009)
200. *NaHCO₃ for Renal Protection in Cardiac Surgery*. 2009 TRIBE-Acute Kidney Injury Scientific Meeting, **Toronto, Canada** (OCTOBER 2009)
201. *Renal Recovery and Repair*, World Federation of Intensive and Critical Care Medicine Congress, **Florence, Italy** (AUGUST 2009)
202. *To MARS and Beyond: Liver Support in ICU*, Canadian Association of Critical Care Nurses Conference, **Edmonton, Canada** (JUNE 2009)
203. *Renal Support for the Critically Ill Patients*, Canadian Society of Nephrology Conference, **Edmonton, Canada** (MAY 2009)
204. *NGAL in Critical Illness: Sepsis, Renal Support and Mortality*. Scientific Symposium on Biomarkers in Acute Kidney Injury, **Prague, Czech Republic** (MARCH 2009)
205. *Acute Kidney Injury in Critical Illness*, Critical Care Medicine Grand Rounds, McMaster University, **Hamilton, Canada** (NOVEMBER 2008)
206. *ARDS and Oscillation*, CACCN “Updates in Critical Care - Protocols and Practices” Symposium, **Edmonton, Canada** (NOVEMBER 2008)
207. *Novel Extracorporeal Therapies*, Critical Care Nephrology Symposium, Canadian Critical Care Forum, **Toronto, Canada** (NOVEMBER 2008)
208. *CRRT vs. IHD/SLED*, Critical Care Nephrology Symposium, Canadian Critical Care Forum, **Toronto, Canada** (NOVEMBER 2008)

209. *AKI: Initiation of Renal Replacement Therapy*, Department of Nephrology, Dialysis and Transplantation Grand Rounds, San Bortolo Hospital, **Vicenza, Italy** (SEPTEMBER 2008)
210. *Caterpillar Envenomation: Lessons from Adventure Travel*, Critical Care, Trauma, Burns Nursing Symposium, **Edmonton, Canada** (AUGUST 2008)
211. *Antimicrobial Dosing in Continuous Renal Replacement Therapy*, II Symposium Intensive Care Medicine, **Sao Paulo, Brazil** (JUNE 2008)
212. *Timing of Initiation of Renal Replacement Therapy*, II Symposium Intensive Care Medicine, **Sao Paulo, Brazil** (JUNE 2008)
213. *Loop Diuretics in Acute Kidney Injury*, II Symposium Intensive Care Medicine, **Sao Paulo, Brazil** (JUNE 2008)
214. *Septic Acute Kidney Injury*, II Symposium Intensive Care Medicine, **Sao Paulo, Brazil** (JUNE 2008)
215. *Epidemiology of Septic Acute Kidney Injury*, 3rd Australasian Critical Care Nephrology Symposium, **Melbourne, Australia** (NOVEMBER 2007)
216. *Acute Kidney Injury: Timing of implementation of renal replacement therapy*, Edmonton CRRT Symposium, **Edmonton, Canada** (NOVEMBER 2007)
217. *Continuous Renal Replacement Therapy Is Superior*, Edmonton CRRT Symposium, **Edmonton, Canada** (NOVEMBER 2007)
218. *Prophylactic Amiodarone For Prevention Of Post-Cardiac Surgery Atrial Fibrillation*, Anaesthesia Grand Rounds, Austin Hospital, **Melbourne, Australia** (JANUARY 2007)
219. *Epidemiology of Acute Kidney Injury in Australia*, 3rd Australasian Critical Care
220. *Data Linkage for Long Term Outcomes in ICU*, ICU Grand Rounds, Royal Perth Hospital, **Perth, Australia** (NOVEMBER 2006)
221. *The Septic Kidney: Bench to Bedside*, ICU Grand Rounds, Foothills Medical Centre, **Calgary, Canada** (MAY 2006)
222. *The Septic Kidney: Bench to Bedside*, ICU Grand Rounds, St. Michael's Hospital, **Toronto, Canada** (MAY 2006)
223. *The Septic Kidney: Bench to Bedside*, ICU Grand Rounds, University of Alberta Hospital, **Edmonton, Canada** (MAY 2006)
224. *The Septic Kidney: Bench to Bedside*, ICU Grand Rounds, Vancouver General Hospital, **Vancouver, Canada** (MAY 2006)
225. *Renal Blood Flow in Septic Acute Renal Failure*, Cardiology Grand Rounds, Austin Hospital, **Melbourne, Australia** (MARCH 2006)
226. *Clinical Nephrology: A Primer for Nurse Clinicians*, Foothills Medical Centre, **Calgary, Canada** (MAY 2005)
227. *Evidence-Based Medicine: Applying Evidence in Clinical Practice*, Post-Graduate Medical Education Course, Faculty of Medicine, University of Calgary, **Calgary, Canada** (SEPTEMBER 2004)
228. *Introduction to Evidence-based Medicine*, Internal Medicine Residency Training Program, University of Calgary, **Calgary, Canada** (SEPTEMBER 2003)
229. *Acid-Base Disorders*, Dietician Rounds, Peter Lougheed Centre, **Calgary, Canada** (OCTOBER 2002)
230. *Contrast-Induced Nephropathy*, Medical Grand Rounds, Peter Lougheed Centre, **Calgary, Canada** (OCTOBER 2002)

231. *Trauma and Emergency Medicine in South Africa*, Towards a New Health for All in the 21st Century Conference on International Health, Calgary, **Canada** (MAY 1999)

INTERVIEWS and MEDIA RELATIONS:

TV Interviews

1. Shaw TV: Heart Pledge Day – Mazankowski Alberta Heart Institute. Cardiovascular Surgical Intensive Care Unit Capacity (Feb 27, 2013) (Available at: <https://www.youtube.com/watch?v=OPAsinz1lmg>).
2. CTV Evening News: Stepping on venomous caterpillars fatal for tourist (Oct 2, 2008)

Print/Online Media

1. Featured Expert, New England Journal of Medicine Group Open Forum focused on “Initiation Strategies for Renal Replacement Therapy in the Intensive Care Unit (July 5, 2016).
2. Canadian Press: Stepping on venomous caterpillars fatal for tourist (July 14, 2008) (Available at: <http://www.ctvnews.ca/stepping-on-venomous-caterpillars-fatal-for-tourist-1.308568>)
3. Health Solutions (Summer 2012) - Alberta Innovates – Health Solutions Impact Stories: Timing is Everything (Jul 1, 2012) (Available at: <http://www.aihealthsolutions.ca/news-and-events/impact-story/timing-is-everything/>)
4. EurekAlert! AAAS. Award-winning University of Alberta researcher measures frailty in intensive care units. Ross Getz (Oct 3, 2014). (Available at: http://www.eurekalert.org/pub_releases/2014-10/uoaf-aur100314.php)
5. Health Management (Volume 13; Issue 1; Spring 2013): The Kidney as the Protagonist: An Interview with Dr. Sean Bagshaw (Available at: <https://healthmanagement.org/c/icu/issuearticle/the-kidney-as-the-protagonist-an-interview-with-dr-sean-bagshaw>)
6. Baxter Educational Video: Acute Kidney Injury (AKI) and Long-Term Dialysis Dependence: Interview with Dr. Clark and Dr. Bagshaw (May 17, 2013) (Available at: <http://crrtcounts.com/videos/>)
7. Baxter Educations Webinar: Timing of Renal Support Initiation in AKI (Available at: <http://crrtcounts.com/videos/>)
8. MedPage Today. Frail ICU Patients Face Higher Risks. Sarah Wickline (Nov 26, 2013). (Available at: <http://www.medpagetoday.com/CriticalCare/GeneralCriticalCare/43125>)
9. Alberta Innovates – Health Solutions Media Center: Looking at the Big Picture: Measuring ICU Strain in Alberta (Aug 6, 2015) (Available at: <http://www.aihealthsolutions.ca/news-and-events/media-centre/looking-at-the-big-picture-measuring-icu-strain-in-alberta/>)

Podcasts/YouTube

1. Society of Critical Care Medicine (SCCM) PodCast (Pod-291): Long-Term Association Between Frailty And Health Related Quality Of Life Among Survival Of Critical Illness. Interview with Dr. Michael Weinstein (Available at:

- <http://www.sccm.org/Communications/iCritical-Care/Pages/Critical-Care-Medicine.aspx>; <http://www.sccm.org/Podcasts/SCCMPod291.mp3>)
- Australia New Zealand Intensive Care Society Annual General Meeting YouTube Video: Plenary Lecture – Frailty in Critical Care (Nov 11, 2014). (Available at: https://www.youtube.com/watch?v=_3QKcuf-Mhs)

PUBLICATIONS

Totals:	Papers in peer-review journals:	298
	Editorials:	10
	Published Correspondence	12
	Edited Books	1
	Book chapters:	30
	Monographs:	6
	Abstracts:	96

Citation Report (Web of Science):

Total citations:	8282
Average citations per year	517.62
Average citations per paper:	28.41
h-index	49

Papers in Peer-Reviewed Journals (298)

- McKenzie E, Potestio ML, Boyd JM, Niven DJ, Brundin-Mather R, **Bagshaw SM**, Stefflox HT. Reconciling patient and provider priorities for improving care of critically ill patients: A consensus method and qualitative analysis of decision-making. *Health Expect* 2017: Epub May 31, 2017 (PMID: 28561887).
- Krinsley JS, Wasser R, Kang G, **Bagshaw SM**. Pre-admission functional status impacts the performance of the APACHE IV model of mortality prediction in critically ill patients. *Crit Care* 2017; 21(1):110 (PMID: 28506290).
- Hogan DB, Maxwell CJ, Afilalo J, Arora RC, **Bagshaw SM** et al. A scoping review of frailty and acute care in middle-aged and older individuals with recommendations for future research. *Can Geriatr J* 2017; 20(1):22-27 (PMID: 28396706).
- Bellomo R, Kellum JA, Ronco C, Wald R, Martensson J, Maiden M, Bagshaw SM et al. Acute kidney injury in sepsis. *Intensive Care Med* 2017; 43(6):816-828 (PMID: 28364303).
- Benoit MA, Bagshaw SM, Norris CM et al. Postoperative complications and outcomes associated with a transition to 24/7 intensivist management of cardiac surgery patients. *Crit Care Med* 2017;45(6):993-1000 (PMID: 28375852).
- Turvey SL, **Bagshaw SM**, Eurich DR, Sligl WI. Epidemiology and outcomes in critically ill patients with human immunodeficiency virus infection in the era of combination antiretroviral therapy. *Can J Infect Dis Med Microbiol* 2017: Epub Feb 27, 2017 (PMID: 28348607).
- Alobaidi R, Morgan C, Basu RK, Stenson E, Featherstone R, Majumdar SR, Bagshaw SM. Associations between fluid balance and outcomes in critically ill

- children: A protocol for a systematic review and meta-analysis. *Can J Kidney Health Dis* 2017: Epub Feb 27, 2017 (PMID: 28321321).
8. Sutherland SM, Goldstein SL, Bagshaw SM. Leveraging Big Data and electronic health records to enhance novel approaches to acute kidney injury research and care. *Blood Purif* 2017;44(1):68-76 (PMID: 28268210).
 9. **Bagshaw SM**, Darmon M, Ostermann M, Finkelstein FO et al. Current state of the art for renal replacement therapy in critically ill patients with acute kidney injury. *Intensive Care Med* 2017;43(6):841-854 (PMID: 28289816).
 10. Chawla LS, Bellomo R, Bihorac A, Goldstein SL, Siew ED, **Bagshaw SM** et al. Acute kidney disease and renal recovery: consensus report of the Acute Dialysis Quality Initiative (ADQI) 16 Workgroup. *Nat Rev Nephrol* 2017;13(4):241-257 (PMID: 28239173).
 11. Flaatten H, de Lange DW, Artigas A, Bin D, Moreno R, Christensen S, Joynt GM, **Bagshaw SM** et al. The status of intensive care medicine research and a future agenda for very old patients in the ICU. *Intensive Care Med* 2017: Epub Feb 25, 2017 (PMID: 28238055).
 12. Johnson-Coyle L, Opgenorth D, Bellows M, Dhaliwal J, Richardson-Carr S, **Bagshaw SM**. Moral distress and burnout among cardiovascular surgery intensive care unit healthcare professionals: A prospective cross-sectional survey. *Can J Crit Care Nurs* 2016; 27(4): 27-36.
 13. **Bagshaw SM**, Wald R. Strategies for the optimal timing to start renal replacement therapy in critically ill patients with acute kidney injury. *Kidney Int* 2017;91(5):1022-1032 (PMID: 28222898).
 14. Chawla LS, Russell JA, Bagshaw SM, Shaw AD, Goldstein SL, Fink MP, Tidmarch GF. Angiotensin II for the treatment of high-output shock 3 (ATHOS-3): protocol for a phase III, double-blind, randomized controlled trial. *Crit Care Resusc* 2017; 19(1):43-49 (PMID: 28215131).
 15. Pickkers P, Ostermann M, Joannidis M, Zarbock A, Hoste E, Bellomo R, Prowle J, Darmon M, Bonventre JV, Forni L, **Bagshaw SM**, Miet Schetz. The intensive care medicine agenda on acute kidney injury. *Intensive Care Medicine* 2017: Epub Jan 30 (PMID: 28138736).
 16. Lachance P, Villeneuve PM, Rewa OG, Wilson FP, Selby NM, Featherstone R, **Bagshaw SM**. Association between e-alert implementation for detection of acute kidney injury and outcomes: a systematic review. *Nephrol Dial Transplant* 2017: Epub Jan 17 (PMID: 28088774).
 17. Ball IM, **Bagshaw SM**, Burns KE, Cook DJ et al. Outcomes of elderly critically ill medical and surgical patients: a multi-centre cohort study. *Can J Anaesth* 2016: Epub Dec 27 (PMID: 28028673).
 18. Savage RD, Fowler RA, Rishu AH, **Bagshaw SM** et al. Pathogens and antimicrobial susceptibility profiles in critically ill patients with bloodstream infections: a descriptive study. *CMAJ Open* 2016; 4(4):E569-E577 (PMID: 28018869).
 19. Kaddourah A, Basu RK, **Bagshaw SM**, Goldstein SL, for the AWARE Investigators. Epidemiology of Acute Kidney Injury in Critically Ill Children. *New Engl J Med*. 2017;376(1): 11-20 (PMID: 27959707).
 20. Fujii T, Ganeko R, Kataoka Y, Featherstone R, **Bagshaw SM**, Furukawa TA.

- Polymyxin B-immobilised haemoperfusion and mortality in critically ill patients with sepsis/septic shock: a protocol for a systematic review and meta-analysis. *BMJ Open*. 2016 Nov 21;6(11):e012908. (PMID: 27872122)
21. Wald R, Gallagher M, **Bagshaw SM**. Shedding New Light on an Old Dilemma: 2 Trials Examining the Timing of Renal Replacement Therapy Initiation in Acute Kidney Injury. *Am J Kidney Dis*. 2016: Epub Nov 8 (PMID: 27836447)
 22. Rewa OG, Villeneuve PM, Lachance P, Eurich DT, Stelfox HT, Gibney RT, Hartling L, Featherstone R, **Bagshaw SM**. Quality indicators of continuous renal replacement therapy (CRRT) care in critically ill patients: a systematic review. *Intensive Care Med*. 2016: Epub Oct 11 (PMID: 27730284).
 23. **Bagshaw SM**, Opgenorth D, Potestio M, Hastings SE, Hepp SL, Gilfoyle E, McKinlay D, Boucher P, Meier M, Parsons-Leigh J, Gibney RT, Zygun DA, Stelfox HT. Healthcare Provider Perceptions of Causes and Consequences of ICU Capacity Strain in a Large Publicly Funded Integrated Health Region: A Qualitative Study. *Crit Care Med*. 2016: Epub Sep 15. (PMID: 27635769)
 24. Arabi YM, Aldawood AS, Al-Dorzi HM, Tamim HM, Haddad SH, Jones G, McIntyre L, Solaiman O, Sakkijha MH, Sadat M, Mundekadan S, Kumar A, **Bagshaw SM**, Mehta S; PermiT trial group. Permissive Underfeeding or Standard Enteral Feeding in High and Low Nutritional Risk Critically Ill Adults: Post-hoc Analysis of the PermiT trial. *Am J Respir Crit Care Med*. 2016: Epub Sep 2. (PMID: 27589411)
 25. **Bagshaw SM**, Chakravarthi MR, Ricci Z, Tolwani A, Neri M, De Rosa S, Kellum JA, Ronco C; ADQI Consensus Group. Precision Continuous Renal Replacement Therapy and Solute Control. *Blood Purif*. 2016;42(3):238-47. (PMID: 27562079)
 26. **Bagshaw SM**, Lamontagne F, Joannidis M, Wald R. When to start renal replacement therapy in critically ill patients with acute kidney injury: comment on AKIKI and ELAIN. *Crit Care*. 2016 Aug 6;20(1):245. (PMID: 27495159)
 27. Gill M, **Bagshaw SM**, McKenzie E, Oxland P, Oswell D, Boulton D, Niven DJ, Potestio ML, Shklarov S, Marlett N, Stelfox HT; Critical Care Strategic Clinical Network. Patient and Family Member-Led Research in the Intensive Care Unit: A Novel Approach to Patient-Centered Research. *PLoS One*. 2016 Aug 5;11(8):e0160947. (PMID: 27494396)
 28. Ball IM, **Bagshaw SM**, Burns KE, Cook DJ, Day AG, Dodek PM, Kutsogiannis DJ, Mehta S, Muscedere JG, Stelfox HT, Turgeon AF, Wells GA, Stiell IG. A clinical prediction tool for hospital mortality in critically ill elderly patients. *J Crit Care*. 2016 Oct;35:206-12. (PMID: 27481761)
 29. Glassford NJ, Mårtensson J, Eastwood GM, Jones SL, Tanaka A, Wilkman E, Bailey M, Bellomo R; GLOBal OBServational Evaluations in the ICU (GLOBE-ICU) investigators. Defining the characteristics and expectations of fluid bolus therapy: A worldwide perspective. *J Crit Care*. 2016 Oct;35:126-32. (PMID: 27481747)
 30. Rajabali N, Rolfson D, **Bagshaw SM**. Assessment and Utility of Frailty Measures in Critical Illness, Cardiology, and Cardiac Surgery. *Can J Cardiol*. 2016 Sep;32(9):1157-65. (PMID: 27476983)
 31. MacIntyre EJ, Asadi L, Mckim DA, **Bagshaw SM**. Clinical Outcomes Associated with Home Mechanical Ventilation: A Systematic Review. *Can Respir J*. 2016:6547180. (PMID: 27445559)

32. **Bagshaw SM**, Majumdar SR, Rolfson DB, Ibrahim Q, McDermid RC, Stelfox HT. A prospective multicenter cohort study of frailty in younger critically ill patients. *Crit Care*. 2016 Jun 6;20(1):175. (PMID: 27263535)
33. McIntyre L, Rowe BH, Walsh TS, Gray A, Arabi Y, Perner A, Gordon A, Marshall J, Cook D, Fox-Robichaud A, **Bagshaw SM**, Green R, Schweitzer I, Turgeon A, Zarychanski R, English S, Chassé M, Stiell I, Fergusson D; Canadian Critical Care Trials Group. Multi-country survey of emergency and critical care medicine physicians' fluid resuscitation practices for adult patients with early septic shock. *BMJ Open*. 2016 Jul 7;6(7):e010041. (PMID: 27388345)
34. Honore PM, Nguyen HB, Gong M, Chawla LS, **Bagshaw SM**, Artigas A, Shi J, Joannes-Boyau O, Vincent JL, Kellum JA; Sapphire and Topaz Investigators. Urinary Tissue Inhibitor of Metalloproteinase-2 and Insulin-Like Growth Factor-Binding Protein 7 for Risk Stratification of Acute Kidney Injury in Patients With Sepsis. *Crit Care Med*. 2016 Oct;44(10):1851-60. (PMID: 27355527)
35. **Bagshaw SM**, Wald R. Acute kidney injury: Timing of renal replacement therapy in AKI. *Nat Rev Nephrol*. 2016 Aug;12(8):445-6. (PMID: 27345244)
36. Crocker E, Beggs T, Hassan A, Denault A, Lamarche Y, **Bagshaw SM**, Elmi-Sarabi M, Hiebert B, Macdonald K, Giles-Smith L, Tangri N, Arora RC. Long-Term Effects of Postoperative Delirium in Patients Undergoing Cardiac Operation: A Systematic Review. *Ann Thorac Surg*. 2016 Oct;102(4):1391-9. (PMID: 27344279)
37. Muscedere J, Andrew MK, **Bagshaw SM**, Estabrooks C, Hogan D, Holroyd-Leduc J, Howlett S, Lahey W, Maxwell C, McNally M, Moorhouse P, Rockwood K, Rolfson D, Sinha S, Tholl B; Canadian Frailty Network (CFN). Screening for Frailty in Canada's Health Care System: A Time for Action. *Can J Aging*. 2016 Sep;35(3):281-97. (PMID: 27211065)
38. Savage RD, Fowler RA, Rishu AH, **Bagshaw SM**, Cook D, Dodek P, Hall R, Kumar A, Lamontagne F, Lauzier F, Marshall J, Martin CM, McIntyre L, Muscedere J, Reynolds S, Stelfox HT, Daneman N. The Effect of Inadequate Initial Empiric Antimicrobial Treatment on Mortality in Critically Ill Patients with Bloodstream Infections: A Multi-Centre Retrospective Cohort Study. *PLoS One*. 2016 May 6;11(5):e0154944. (PMID: 27152615)
39. Lachance P, Villeneuve PM, Wilson FP, Selby NM, Featherstone R, Rewa O, **Bagshaw SM**. Impact of e-alert for detection of acute kidney injury on processes of care and outcomes: protocol for a systematic review and meta-analysis. *BMJ Open*. 2016 May 5;6(5):e011152. (PMID: 27150187)
40. Wald R, **Bagshaw SM**. The Timing of Renal Replacement Therapy Initiation in Acute Kidney Injury. *Semin Nephrol*. 2016 Jan;36(1):78-84 (PMID: 2708573).
41. Cape D, Fox-Robichaud A, Turgeon AF, Seely A, Hall R, Burns K, Singal RK, Dodek P, **Bagshaw S**, Sibbald R, Downar J. The impact of the Rasouli decision: a Survey of Canadian intensivists. *J Med Ethics*. 2016;42(3):180-5 (PMID: 26621856)
42. Vandenberghe W, Gevaert S, Kellum JA, **Bagshaw SM**, Peperstraete H, Herck I, Decruyenaere J, Hoste EA. Acute Kidney Injury in Cardiorenal Syndrome Type 1 Patients: A Systematic Review and Meta-Analysis. *Cardiorenal Med*. 2016 Feb;6(2):116-28 (PMID: 26989397)

43. Mehta R, Bihorac A, Selby NM, Quan H, Goldstein SL, Kellum JA, Ronco C, **Bagshaw SM**; Acute Dialysis Quality Initiative (ADQI) Consensus Group. Establishing a continuum of acute kidney injury - tracing AKI using data source linkage and long-term follow-up: Workgroup Statements from the 15th ADQI Consensus Conference. *Can J Kidney Health Dis.* 2016 Feb 26;3:13 (PMID: 26925249).
44. Siew ED, Basu RK, Wunsch H, Shaw AD, Goldstein SL, Ronco C, Kellum JA, **Bagshaw SM**; 15th ADQI Consensus Group. Optimizing administrative datasets to examine acute kidney injury in the era of big data: workgroup statement from the 15(th) ADQI Consensus Conference. *Can J Kidney Health Dis.* 2016 Feb 26;3:12 (PMID: 26925248).
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