

IAN GILMOUR STIELL: CURRICULUM VITAE

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EDUCATION Master of Science (Epidemiology), University of Ottawa, 1991
Thesis supervisors: Drs. Ian McDowell and Rama Nair
Doctor of Medicine, University of Western Ontario, 1975
(Alpha Omega Alpha Honour Society)

DIPLOMAS, DEGREES Fellow American College of Emergency Physicians 1987
Fellow Royal College of Physicians of Canada (Emergency Medicine) 1983
Diplomate American Board of Emergency Medicine 1982, 1995
Certificate of College of Family Practice 1977

TRAINING Chief Resident, Emergency Medicine, McGill University, 1980-1981
Resident, Emergency Medicine, McGill University, 1979-1980
Resident, Family Medicine, University of Calgary, 1975-1977

APPOINTMENTS

Current: Director, Investigator Development and Performance July 2018 -
Editor-in-Chief, Canadian Journal of Emergency Medicine (CJEM) Nov 2017-
Distinguished Professor, Department of Emergency Medicine, University of Ottawa, 2007-
Senior Scientist, Clinical Epidemiology Unit, Ottawa Hospital Research Institute, University of
Ottawa, 1997-
Member of School of Graduate Studies and Research, University of Ottawa, 1996-
Active Staff, Department of Emergency Medicine, Ottawa Hospital, Civic Campus, 1981-

Previous: Chair of Emergency Medicine Research, Ottawa Hospital Research Institute, 2001-2018
Chair, Department of Emergency Medicine, University of Ottawa, 2002-2015
Distinguished Investigator, Canadian Institutes for Health Research, 2001-2006
Professor, Division of Emergency Medicine, Department of Medicine, and Department of
Epidemiology and Community Medicine, University of Ottawa, 2000-2002
Scientist, Medical Research Council of Canada, 1995-2001
Associate Professor, Division of Emergency Medicine, Department of Medicine, and
Department of Epidemiology and Community Medicine, University of Ottawa, 1993-2000
Principal Investigator, Clinical Epidemiology Unit, Loeb Health Research Institute,
University of Ottawa, 1991-97
Career Scientist, Ontario Ministry of Health, 1991-95
Assistant Director, Emergency Medicine Residency, University of Ottawa, 1988-90
Assistant Professor, Department of Family Medicine, University of Ottawa, 1991-93
Clinical Assistant Professor, Department of Family Medicine, University of Ottawa, 1987-91
Clinical Lecturer, Department of Family Medicine, University of Ottawa, 1981-87

HONOURS AND AWARDS

HRF Medal of Honour – Health Research Foundation of Innovative Medicines Canada Nov 2017
Grant Innes Research Paper and Presentation Award- Creation of the Canadian Heart Failure Risk Scale
for Acute Heart Failure Patients; Canadian Association of Emergency Physicians (CAEP), June 2017
Ottawa Hospital Excellence Award – Research Excellence Category Award, May 2016
Tier 1 Clinical Research Chair, Acute Cardiac Conditions, University of Ottawa, 2015-2020

Outstanding Contribution in Research, American College of Emergency Physicians, 2012
 President's Award, Canadian Association of Emergency Physicians, 2012
 Distinguished Professor, University of Ottawa, 2007
 University Health Research Chair, University of Ottawa, 2006
 Faculty Mentoring Award, Faculty of Medicine, University of Ottawa, 2005
 Senior Investigator Award, Society for Academic Emergency Medicine, 2005
 Order of the International Federation for Emergency Medicine, 2004
 Dr. J. David Grimes Research Career Achievement Award, Ottawa Health Research Institute, 2002
 Visiting Professorship in Medical Research, Royal College of Physicians and Surgeons of Canada, 2002
 Distinguished Investigator, Canadian Institutes for Health Research, 2001
 WG Smith Memorial Lectureship, Sir Charles Gairdner Hospital, Perth, Australia, 2001
 Member, Institute of Medicine, National Academy of Sciences, 1999
 Hal Jayne Academic Achievement Award, Society for Academic Emergency Medicine, 2000
 Best Faculty Clinical Science Presentation, Society for Academic Emergency Medicine, 2003
 Best Oral Clinical Science Presentation, Society for Academic Emergency Medicine, 1998
 Best Oral Clinical Science Presentation, Society for Academic Emergency Medicine, 1997
 Faculty Award of Excellence, Faculty of Medicine, University of Ottawa, 1996
 Best Oral Clinical Science Presentation, Society for Academic Emergency Medicine, 1994
 Best Oral Clinical Science Presentation, Society for Academic Emergency Medicine, 1993

MEMBERSHIP IN PROFESSIONAL ASSOCIATIONS

1. Royal College of Physicians and Surgeons of Canada
2. Ontario and Canadian Medical Associations
3. Canadian Association of Emergency Physicians
4. Society for Academic Emergency Medicine

GRADUATE SUPERVISION: 31 MSc (Epidemiology)

Dr. Christophe Fehlmann, Started 2019. University of Geneva
 Dr. Bo Zheng, Started 2018. U of Ottawa
 Dr. Jessica McCallum, Started 2017. U of Ottawa
 Dr. Krishan Yadav, Started 2014, Completed 2018. U of Ottawa
 Dr. Shunichiro Nakao, Started 2014, Completed 2018 Osaka University Graduate School of Medicine
 Dr. Justin Yan, Started January 2015, Completed 2016. U Western Ontario
 Dr. Pierre-Geraud Claret, Started 2014, Completed 2016. Nîmes University Hospital, Nîmes, France.
 Dr. Debra Eagles, Started 2011, U of Ottawa. Completed 2015. U of Ottawa
 Dr. Abdulaziz Alsadoon, Started 2010, U of Ottawa. Completed 2015.
 Dr. Waleed Alqurashi, Started 2010, U of Ottawa. Completed 2015. CHEO, U of Ottawa
 Dr. Ian Ball, Started 2010, U of Ottawa
 Dr. Gabriel Blecher, Started 2009, U of Ottawa. Completed 2011. Monash Medical Center, Australia
 Dr. Shawn Dowling, Started 2007, U of Ottawa
 Dr. Erik Hess, MSc, Started 2006, U of Ottawa. Completed 2008. Mayo Clinic. U.S.
 Dr. Dimitri Makropoulos, MSc, Started 2005, University of Ottawa
 Dr. Abdullah AlReesi, MSc, Started 2005, U of Ottawa. Completed 2009. Oman
 Dr. Venkatesh Thiruganasambandamoorthy, MSc, Started 2005, U of Ottawa. Completed 2009 U of Ottawa
 Wendy Thompson, MSc, Started 2005, Queens U. Completed 2007. Health Canada
 Dr. Joseph Howton, MSc, Started 2005, U of Ottawa. Portland, U.S.
 Dr. Lisa Calder, MSc, Started 2003, U of Ottawa. Completed 2007. U of Ottawa
 Dr. Amy Plint, MSc, Started 2003, U of Ottawa. Completed 2007. U of Ottawa
 Dr. Majid Al Salamah, MSc, Started 2002, U of Ottawa. Saudi Arabia.
 Dr. Christian Vaillancourt, MSc, Started 2000, U of Ottawa. Completed 2003. U of Ottawa
 Dr. Jeff Perry, MSc, Started 1999, U of Ottawa. Completed 2002. U of Ottawa
 Dr. Marc Rodger, MSc, Started 1998, University of Ottawa. Completed 2000. U of Ottawa
 Dr. Atul Kapur, MSc, Started 1998, U of Ottawa. Completed 2002. U of Ottawa

Dr. Linda Papa, MSc, Started 1997, U of Ottawa. Completed 2001. U of Florida, U.S.

Dr. Heather Murray, MSc, Started 1997, U of Ottawa. Completed 2002. Queens U.

Dr. Valerie De Maio, MSc Started 1996, U of Ottawa. Completed 1998. U North Carolina, U.S.

Dr. Jacques Lee, MSc, Started 1995, McGill U. Completed 1997. U of Toronto.

Dr. Geoffrey Dervin, MSc, Started 1994, U of Ottawa. Completed 1998. U of Ottawa

UNDERGRADUATE SUPERVISION: (University of Ottawa)

- Brenton Wong, 2019. Thromboembolic Complications Following Cardioversion for Acute Atrial Fibrillation: A Systematic Review
- Brenton Wong, 2018. Rate Control Management for Atrial Fibrillation in the Emergency Department
- Zachary MacDonald, 2016. Compliance in Older Emergency Department Patients to Outpatient Geriatric Evaluations
- Alexandra Hamelin, 2015. Emergency Department Management Of Diabetic Ketoacidosis (DKA) And Hyperglycemic Hyperosmolar State (HHS)
- Michael Hale, 2014. Emergency Department Management of Heart Failure and COPD: International Survey of Attitudes and Practice
- Damanjot Otal, 2013. Performance of the Ottawa 3DY Scale as a Screening Tool for Impaired Mental Status in Elderly Emergency Department Patients
- Ariel Hendin, 2012. A Prospective Evaluation of a 20-Minute Walk Test In Elderly Emergency Department Patients Being Considered for Discharge
- Jeff Yoo, 2011. Development of a Symptom Specific Quality of Life Scale in Emergency Department Patients with Recent-Onset Atrial Fibrillation/Flutter (RAFF)
- Jeff Yoo, 2010. The modified Atrial Fibrillation Symptom Severity Scale as a Measure of Quality of Life in Emergency Department Patients with Recent Onset Atrial Fibrillation
- Carly Rogenstein, 2009. International Survey of Current Emergency Department Practice for Managing Recent-Onset Atrial Fibrillation
- Valerie Charbonneau, 2008. Follow-up of Patients Treated with the Ottawa Aggressive Protocol for Acute Atrial Fibrillation or Flutter
- Andy Pan, 2005. The Feasibility of Developing Novel Clinical Decision Rules for Patients with Congestive Heart Failure or Chronic Obstructive Pulmonary Disease.
- Debra Eagles, 2005. An International Survey of Priorities of Emergency Physicians for Future Development of Clinical Decision Rules.

Emergency Medicine Residents: (all start July and finish June)

2019- Dr. Graham Wilson, FRCPC University of Ottawa

Project Title:

2018- Dr. Mark McKinney, FRCPC University of Ottawa

Project Title: Risk assessment prior to prescribing opioids - emergency physician practices and opinions

2018- Dr. Garrick Mok, FRCPC University of Ottawa

Project Title: Opioid prescription practices for acute musculoskeletal fractures in the ED – a health records review

2017- Dr. Jessica McCallum, FRCPC University of Ottawa

Project Title: Solid Organ Donation from the Emergency Department: A Systematic Review

2017-2018 Dr. Nour Khatib, CCFP-EM

Project Title: Management of Sexual Assault in the ED

2017-2018 Dr. Lauren Fruchter, CCFP-EM

Project Title: Evaluating Practice Patterns of TOH ED Physicians in Rate Control of Rapid Atrial Fibrillation

2017-2018 Dr. Mazen Jazi, CCFP-EM

Project Title: Analgesia Prescription Patterns for Acute Low Back Pain Amongst Emergency Physicians at The Ottawa Hospital

- 2017-2018 Dr. Maria Khami, CCFP-EM
Project Title: An Evaluation of the Diagnosis and Outpatient Management of Community-Acquired Pneumonia at The Ottawa Hospital Emergency Departments
- 2016-2017 Dr. Rebecca Brown, CCFP-EM
Project Title: Management of Intimate Partner Violence in the ED: Referral Patterns at The Ottawa Hospital
- 2016-2017 Dr. Talia Burwash-Brennan, CCFP-EM
Project Title:
- 2016-2017 Dr. Shannon McCarter, CCFP-EM
Project Title: Evaluation of Effective and Judicious use of Antibiotics in the Treatment of Urinary Tract Infections at The Ottawa Hospital
- 2016-2017 Dr. Jillian Rtisma, CCFP-EM
Project Title: The Use of POCUS in Cases of First Trimester Bleeding (FTB) in the Emergency Department at the Ottawa Hospital
- 2016-2017 Dr. Julia Traer, CCFP-EM
Project Title: The Treatment of Paroxysmal Supraventricular Tachycardia (PSVT) with Calcium Channel Blockers vs. Adenosine at the Ottawa Hospital
- 2016-2017 Dr. Ariel Hendin, FRCPC University of Ottawa
Project Title: Characteristics and Outcomes of Older ED Patients Assigned a Low Acuity Triage Score
- 2016-2018 Dr. Harrison Carmichael, FRCPC University of Ottawa
Project Title: Evaluating the Application of Canadian C-Spine Rule in Sports Related Injuries
- 2016-2018 Dr. Adam Parks, FRCPC University of Ottawa
Project Title: Factors that Influence Guideline-based Care of Older Adults with Falls in the Emergency Department: A Qualitative Study Using the Theoretical Domains Framework
- 2016-2018 Dr. Bo Zheng, FRCPC University of Ottawa
Project Title: How Does Emergency Physician Clinical Decision-Making Change Over a Shift
- 2015-2017 Dr. Rajiv Thavanathan, FRCPC University of Ottawa
Project Title: Does Focused Assessment with Sonography for Trauma (FAST) Change Management for Hemodynamically Stable Blunt Trauma Patients?
- 2015-2017 Dr. Matthew Lipinski, FRCPC University of Ottawa
Project Title: Heart Failure and Palliative Care in the Emergency Department
- 2014-2016 Dr. Thara Kumar, FRCPC University of Ottawa
Project Title: Tenofovir/Emtricitabine (Truvada) as Monotherapy for HIV PEP in Victims of Sexual Assault
- 2014-2016 Dr. Lauren Lacroix, FRCPC University of Ottawa
Project Title: Emergency Department Physician Attitudes and Perceived Barriers to the Implementation of Take-home Naloxone Programs in Canadian EDs
- 2013- 2015 Dr. Valerie Charbonneau, FRCPC University of Ottawa
Project Title: Impact of Emergency Department Surge and End of Shift on Patient Workup and Treatment
Prior to Referral to Internal Medicine: A Prospective Chart Review
- 2013-2015 Dr. Chris Fabian, FRCPC University of Ottawa
Project Title: Can Prehospital Activation of a “Stroke Code” Decrease Time to Thrombolysis?
- 2013-2014 Dr. Bharat Bahl, CCFP-EM
Project Title: Time Trends and New Oral Anticoagulation Use in Intracranial Bleeding Events
- 2012-2014 Dr. Tamara McColl, FRCPC University of Ottawa
Project Title: Early Goal-Directed Therapy in Sepsis: Barriers to Implementing a Sepsis Protocol in a Tertiary Care Canadian Emergency Department and Strategies for Improvement
- 2012-2014 Dr. Krishan Yadav, FRCPC University of Ottawa
Project Title: Risk Factors that Predict Treatment Failure of Skin and Soft Tissue Infections with Oral Antibiotic Therapy
- 2012-2013 Dr. Margaret Wilson, CCFP-EM

	Project Title: Cardioversion of Recent-Onset Atrial Fibrillation/Flutter: Adherence to 2010 CCS Management Guidelines in the Emergency Department
2011-2012	Dr. Michael Austin, FRCPC University of Ottawa
	Project Title: Effect of High Flow Oxygen On Mortality In Chronic Obstructive Pulmonary Disease Patients In Prehospital Setting: Randomized Controlled Trial
2011-2012	Dr. Annie Docking, CCFP-EM
	Frequency of Obtaining Acetaminophen, ASA and Ethanol levels in all Intentional Overdoses at The Ottawa Hospital
2011-2012	Dr. Monica Ott, CCFP-EM
	Project Title: The Use of Traneximic Acid in Bleeding Trauma Patients at TOH - A Chart Review
2011-2012	Dr. Sara Hostland, CCFP-EM
	Project title: Are We Ordering Malaria Smears and Treatment Appropriately in the Emergency Departments?
2010-2013	Dr. Qamar Amin, FRCPC University of Ottawa
	Project Title: Assessing Ambulatory Vital Signs in the Work-up of Pulmonary Embolism by Way of a Standardized 3-minute Walk-test
2010-2013	Dr. Andrew Willmore, FRCPC University of Ottawa
	Project Title: Measuring the effect of newly implemented prehospital CPAP protocols
2010-2011	Dr. Andrew Stiell, CCFP-EM University of Ottawa
	Project title: Comparing outcomes of Colle's fractures reduced by Orthopedics vs. Emergency Physicians
2009-2010	Dr. Charles Quirion, CCFP-EM University of Ottawa
	Project Title: Clinical Outcomes of Octaplex Versus FFP for Reversal of Antiocoagulation in the Emergency Department
2009-2012	Dr. Andy Pan, FRCPC University of Ottawa
	Project Title: Pre-Hospital Use of Furosemide
2009-2012	Dr. Anita Lai, FRCPC University of Ottawa
	Project Title: Evaluation of CHF admission rates and outcomes of TOH patients
2009-2012	Dr. Debra Eagles, FRCPC University of Ottawa
	Project Title: Modified Atrial Fibrillation Severity Scale as a Measure of Quality of Life in Emergency Department Patients with Recent Onset Atrial Fibrillation
2008-2010	Dr. Jeffrey Bradley, FRCPC University of Ottawa
	Project Title: Use of Ultrasound Guided 3 in 1 Femoral Nerve Blocks in the Emergency Department for Analgesia in Patients Presenting with Hip Fractures
2008-2010	Dr. Abdulaziz Alsadoon, FRCPC University of Ottawa
	Project Title: Followup of Patients Treated with the Ottawa Aggressive Protocol for Acute Atrial Fibrillation
2007-2009	Dr. Stephen Masselink, FRCPC University of Ottawa
	Project Title: Qualified First Aid and Rescue as Performed by Ski Patrol

PUBLICATIONS IN REFEREED JOURNALS (Lifetime Total 404)

Most Important Publications	29
Clinical Decision Rule Publications	81
Atrial Fibrillation/Cardiac Publications	40
Prehospital Publications	94
Other Publications	150
Books and Chapters	10

Abstracts Published and Presented at Conferences and Meetings (Lifetime total 793)

International	396
National	397

Invited Presentations (Lifetime total 305)

International	131
National	93
Local	81

Most Important Publications

29. Stiell IG, Perry JJ, Clement CM, Brison RJ, Rowe BH, Aaron SD, McRae AD, Borgundvaag B, Calder LA, Forster AJ, Brinkhurst J, Wells GA. Clinical validation of a risk scale for serious outcomes among patients with chronic obstructive pulmonary disease managed in the emergency department. *CMAJ*. 2018 Dec 3;190(48):E1406-E1413.
28. Stiell IG, Brown SP, Nichol G, Cheskes S, Vaillancourt C, Callaway CW, Morrison LJ, Christenson J, Aufderheide TP, Davis DP, Free C, Hostler D, Stouffer JA, Idris A, and the ROC Investigators. What is the Optimal Chest Compression Depth during Out-of-Hospital Cardiac Arrest Resuscitation of Adult Patients? *Circulation*, 2014 Nov 25;130(22):1962-70
27. Stiell IG, Clement CM, Brison RJ, Rowe BH, Borgundvaag B, Aaron SD, Lang E, Calder LA, Perry JJ, Forster AJ, Wells GA. Clinical Characteristics Associated with Adverse Events in Patients with Exacerbation of Chronic Obstructive Pulmonary Disease: Prospective Cohort Study. *CMAJ* 2014 Apr 1;186(6):E193-204.
26. Stiell IG, Nichol G, Leroux B, Rea TD, Ornato JP, Powell J et al. Resuscitation Outcomes Consortium ROC PRIMED Trial of Early Rhythm Analysis versus Later Analysis in Out-of-Hospital Cardiac Arrest. *N Engl J Med*. 2011 Sep 1;365(9):787-97.
25. Stiell IG, Clement CM, Grimshaw JM, Brison RJ, Rowe BH, Lee JS, Shaw A, Brehaut J, Holroyd BR, Schull MJ, McKnight D, Eisenhauer MA, Dreyer J, Letovsky E, Rutledge T, MacPhail I, Ross S, Perry JJ, Ip U, Lesiuk H, Bennett C, Wells GA. A Prospective 12-Centre Cluster Randomized Trial to Implement the Canadian CT Head Rule in Emergency Departments. *CMAJ*.2010;182(14) Oct 1527-1531.
24. Stiell IG, Clement CM, O'Connor A, Davies B, Leclair C, Sheehan P, Clavet T, Beland C, MacKenzie T, Wells GA. Multicenter Prospective Validation of the Canadian C-Spine Rule by Emergency Department Triage Nurses. *CMAJ* 2010;Aug 10;182(11):1173-9
23. Stiell IG, Clement CM, Grimshaw J, Brison R, Rowe BH, Schull MJ, Lee J, Brehaut J, McKnight D, Eisenhauer MA, Dreyer J, Letovsky E, Rutledge T, MacPhail I, Ross S, Perry JJ, Holroyd BR, Ip U, Lesiuk H, Wells GA. Implementation of the Canadian C-Spine Rule: A Prospective 12-Centre Cluster Randomized Trial. *British Medical Journal* 2009. *BMJ*. 2009 Oct 29;339:b4146
22. Stiell IG, Nesbitt LP, Pickett W, Munkley D, Spaite DW, Banek J, Field B, Luinstra-Toohey L, Maloney J, Dreyer J, Lyver M, Campeau T, Wells GA, for the OPALS Study Group. The OPALS Major Trauma Study: impact of advanced life support on survival and morbidity. *Can Med Assoc J* 2008;178:1141-1152.
21. Stiell IG, Spaite DW, Field B, Nesbitt LP, Munkley D, Maloney J, Dreyer J, Luinstra-Toohey L, Campeau T, Dagnone E, Lyver M, Wells GA, for the OPALS Study Group. Advanced Life Support for Out-of-Hospital Respiratory Distress. *New Engl J Med* 2007;356:2156-2164.
20. Stiell IG, Walker RG, Nesbitt LP, Chapman FW, Cousineau D, Christenson J, Bradford P, Sookram S, Berringer R, Lank P, Wells GA. BIPHASIC Trial: A Randomized Comparison of Fixed Lower Versus Escalating Higher Energy Levels for Defibrillation in Out-of-Hospital Cardiac Arrest. *Circulation* 2007; 115:1511-1517.
19. Stiell IG, Clement CM, Rowe BH, Schull MJ, Brison R, Cass D, Eisenhauer MA, McKnight RD, Bandiera G, Holroyd B, Lee JS, Dreyer J, Worthington JR, Reardon M, Greenberg G, Lesiuk H, MacPhail I, Wells GA. Comparison of the Canadian CT Head Rule and the New Orleans Criteria in Patients with Minor Head Injury. *JAMA* 2005;294:1511-1518.
18. Stiell IG, Wells GA, Field B, Spaite DW, Nesbitt LP, De Maio VJ, Nichol G, Cousineau D, Blackburn J, Munkley D, Luinstra Toohey L, Campeau T, Dagnone E, Lyver M, for the OPALS Study Group. Advanced Cardiac Life Support in Out-of-Hospital Cardiac Arrest. *New Engl J Med* 2004;351:647-656.
17. Stiell IG, Clement CM, McKnight RD, Brison R, Schull MJ, Rowe BH, Worthington JR, Eisenhauer MA, Cass, D, Greenberg G, MacPhail I, Dreyer J, Lee JS, Bandiera G, Reardon M, Holroyd B, Lesiuk H, Wells GA. The Canadian C-Spine Rule versus the NEXUS low-risk criteria in patients with trauma. *New Engl J*

- Med 2003;349:2510-2518.
16. Stiell IG, Nichol G, Wells GA, De Maio V, Nesbitt L, Blackburn J, Spaite D, for the OPALS Study Group. Health-related quality of life is better for cardiac arrest survivors who received citizen CPR. *Circulation* 2003;108:1939-1944.
 15. Stiell IG, Wells GA, Vandemheen KL, Clement CM, Lesiuk H, De Maio VJ, Laupacis A, Schull M, McKnight RD, Verbeek R, Brison R, Cass D, Dreyer J, Eisenhauer MA, Greenberg GH, MacPhail I, Morrison L, Reardon M, Worthington J. The Canadian Cervical Spine Radiography Rule for alert and stable trauma patients. *JAMA* 2001;286:1841-1848.
 14. Stiell IG, Hébert PC, Wells GA, Vandemheen K, Tang ASL, Higginson LAJ, Dreyer JF, Clement C, Battram E, Watpool I, Mason S, Klassen T, Weitzman B. Vasopressin versus epinephrine for in-hospital cardiac arrest: a randomized controlled trial. *The Lancet* 2001;358:105-109.
 13. Stiell IG, Wells GA, Vandemheen K, Clement C, Lesiuk H, Laupacis A, McKnight RD, Verbeek R, Brison R, Cass D, Eisenhauer MA, Greenberg GH, Worthington J, for the CCC Study Group. The Canadian CT Head Rule for patients with minor head injury. *The Lancet* 2001;357:1391-1396.
 12. Stiell IG, Wells GA, Field BJ, Spaite DW, De Maio VJ, Ward R, Munkley DP, Lyver MB, Luinstra LG, Campeau T, Maloney J, Dagnone E, for the OPALS Study Group. Improved out-of-hospital cardiac arrest survival through the inexpensive optimization of an existing defibrillation program (OPALS Study Phase II). *JAMA* 1999;281:1175-1181.
 11. Stiell IG and Wells GA. Methodological standards for the development of clinical decision rules in emergency medicine. *Ann Emerg Med* 1999;33:437-447.
 10. Stiell IG, Wells GA, Hoag RH, Sivilotti MLA, Cacciotti TF, Verbeek PR, Greenway KT, McDowell I, Cwinn A, Greenberg GH, Nichol G, Michael JA. Implementation of the Ottawa Knee Rule for the use of radiography in acute knee injuries. *JAMA* 1997;278:2075-2079.
 9. Laupacis A, Sekar N, Stiell IG. Clinical prediction rules: a review and suggested modifications of methodological standards. *JAMA* 1997;277-6:488-494.
 8. Stiell IG, Hébert PC, Wells GA, Laupacis A, Vandemheen K, Dreyer JF, Eisenhauer MA, Gibson J, Higginson LAJ, Kirby AS, Mahon JL, Maloney JP, Weitzman BN. The Ontario trial of active compression-decompression cardiopulmonary resuscitation for in hospital and prehospital hospital cardiac arrest. *JAMA* 1996;275-18:1417-1423.
 7. Stiell IG, Greenberg GH, Wells GA, McDowell I, Cwinn AA, Smith NA, Cacciotti TF, Sivilotti MLA. Prospective validation of a decision rule for the use of radiography in acute knee injuries. *JAMA* 1996;275-8:611-615.
 6. Stiell IG, Wells GA, Laupacis A, Brison R, Verbeek R, Vandemheen K, Naylor CD. A multicentre trial to introduce clinical decision rules for the use of radiography in acute ankle injuries. *Br Med J* 1995;311:594-597.
 5. Stiell IG, Greenberg GH, Wells GA, McKnight RD, Cwinn AA, Cacciotti T, McDowell I, Smith NA. The derivation of a decision rule for the use of radiography in acute knee injuries. *Ann Emerg Med* 1995;26:4:405-413.
 4. Stiell IG, McKnight RD, Greenberg GH, McDowell I, Nair RC, Wells GA, Johns C, Worthington JR. Implementation of the Ottawa Ankle Rules. *JAMA* 1994;271:827-832.
 3. Stiell IG, Greenberg GH, McKnight RD, Nair RC, McDowell I, Reardon M, Stewart, JP, Maloney J. Decision rules for the use of radiography in acute ankle injuries: refinement and prospective validation. *JAMA* 1993;269:1127-32.
 2. Stiell IG, Greenberg GH, McKnight RD, Nair RC, McDowell I, Worthington JR. A study to develop a clinical decision rule for the use of radiography in acute ankle injuries. *Ann Emerg Med* 1992;21:384-90.
 1. Stiell IG, Hébert PC, Weitzman BN, Wells GA, Raman S, Stark RM, Higginson LAJ, Ahuja J, Dickinson GE. High-dose epinephrine in adult cardiac arrest. *New Engl J Med* 1992;327:1045-50.

Clinical Decision Rule Publications

81. Hayden JA, Ogilvie R, Stewart SA, French S, Campbell S, Magee K, Slipp P, Wells G, Stiell I. Development of a clinical decision support tool for diagnostic imaging use in patients with low back pain: a study protocol. *Diagnostic and Prognostic Research*. 2019 Jan 14;3(1).

80. Osmond M, Klassen T, Wells GA, Davidson J, Correll R, Boutis K, Joubert G, Stiell IG, Gouin S, Khangura S, Belanger F, Silver N, Taylor B, Cruran J. Validation and refinement of a clinical decision rule for the use of computed tomography in children with minor head injury in the emergency department. *CMAJ*, 2018 July 9;190:E816-22.
79. Stiell IG, Clement CM, Lowe M, Sheehan C, Miller J, Armstrong S, Bailey B, Posselwhite K, Langlais J, Ruddy K, Thorne S, Armstrong A, Daine C, Perry JJ, Vaillancourt C. A Multicentre Program to Implement the Canadian C-Spine Rule by Emergency Department Triage Nurses. *Ann Emerg Med*. 2018 Oct;72(4):333-341.
78. Thiruganasambandamoorthy V; Stiell IG, Sivilotti MLA, Rowe BH, Mukarram MA, Arcot K, Kwong K; McRae A, Wells GA, Taljaard M. Predicting Short-Term Risk of Arrhythmia among Patients with Syncope: The Canadian Syncope Arrhythmia Risk Score. *Acad Emerg Med*. 2017 Nov;24(11):1315-1326.
77. Perry JJ, Sivilotti MLA, Sutherland J, Hohl CM, Emond M, Calder LA, Vaillancourt C, Thiruganasambandamoorthy V, Lesiuk H, Wells GA, Stiell IG. Validation of the Ottawa Subarachnoid Hemorrhage Rule in Patients with Acute Headache. *CMAJ* November 13, 2017 vol. 189 no. 45 E1379-E1385.
76. Stiell IG, Clement CM, Brison RJ, Rowe BH, Perry JJ, Aaron SD, McRae A, Borgundvaag B, Calder LA, Forster AJ, Wells GA. Prospective and Explicit Clinical Validation of the Ottawa Heart Failure Risk Scale, With and Without Use of Quantitative NT-proBNP. *Acad Emerg Med*. 2017 Mar;24(3):316-327
75. Hale M, Stiell IG. Emergency Department Management of Heart Failure and COPD: A National Survey of Attitudes and Practice. *CJEM*. 2016 Nov;18(6):429-436.
74. Thiruganasambandamoorthy V; Kwong K; Wells GA, Sivilotti MLA, Mukarram MA, Rowe BH, Lang E, Perry JJ, Sheldon R, Stiell IG, Taljaard M. Development of the Canadian Syncope Risk Score to predict serious adverse events after emergency department assessment of syncope. *CMAJ*. 2016 Sep 6;188(12):E289-98
73. Clement CM, Stiell IG, Lowe MA, Brehaut JC, Calder LA, Vaillancourt C, Perry JJ. Facilitators and barriers to application of the Canadian C-spine rule by emergency department triage nurses. *Int Emerg Nurs*. 2016 Jan 12.
72. Thiruganasambandamoorthy V, Stiell IG, Sivilotti MLA, Murray H, Rowe BH, Lang E, McRae A, Sheldon R, Wells GA. Risk Stratification of Adult Emergency Department Syncope Patients to Predict Short-Term Serious Outcomes after Discharge (RiSEDS) Study. *BMC Emergency Medicine*. 2014, 14:8 DOI: 10.1186/1471-227X-14-8.
71. Perry JJ, Sharma M, Sivilotti MLA, Sutherland J, Worster A, Emond M, Stotts G, Jin AY, Oczkowski WJ, Sahlas DJ, Murray HE, MacKey A, Verreault S, Wells GA, Stiell IG. A Prospective Cohort Study of Patients With Transient Ischemic Attack to Identify High-Risk Clinical Characteristics. *Stroke*. 2014 Jan;45(1):92-100.
70. Thiruganasambandamoorthy V, Wells GA, Hess EP, Turko E, Perry JJ, Stiell IG. Derivation of a risk scale and quantification of risk factors for serious adverse events in adult emergency department syncope patients. *CJEM*. 2014 Mar 1;16(2):120-30.
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BOOKS AND CHAPTERS

10. Vaillancourt C, Stiell IG, for the Canadian Cardiovascular Outcomes Research Team: Chapter 24: Cardiac arrest and emergency medical services in Canada. Tu JV, Ghali WA, Pilote L, Brien S [eds]. *CCORT Canadian Cardiovascular Atlas*. Pulsus Group Inc and Institute for Clinical Evaluative Sciences 2006:188-197.
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RESEARCH FUNDING

Peer-Reviewed Principal Investigator.....	\$26,620,689.86
Peer-Reviewed Co-Investigator.....	\$29,805,495.00
Funds Requested.....	\$98,938.00

Funds Requested:

Support Period	Title	Organization	Principal Investigator	Total Amount
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Peer-Reviewed Principal Investigator:

Support Period	Title	Organization	Principal Investigator	Total Amount
April 2019-March 2020	Interdepartmental Program to Improve Outcomes for Acute Heart Failure Patients Seen in the Emergency Department	TOHAMO	I. Stiell	\$98,938.00
March 2018-Feb 2021	Decreasing Hospital Admissions from the Emergency Department for Acute Atrial Fibrillation	Cardiac Arrhythmia Network of Canada (CANet)	I. Stiell	\$778,616.00
April 2017-March 2018	Interdepartmental Program to Improve Outcomes for Acute Heart Failure Patients Seen in the Emergency Department	TOHAMO	I. Stiell	\$99,117.00
July 2015-June 2022	Improving Care for Emergency Department and Pre-Hospital Patients with Acute and Life-Threatening Conditions	Canadian Institutes of Health Research - Foundation Scheme	I. Stiell	\$2,093,539.00
July 2015-June 2020	CanROC – Canadian Resuscitation Outcomes Consortium: Toward a National Resuscitation Clinical Research Network	CIHR – Institute of Circulatory and Respiratory Health (ICRH)	I. Stiell/L. Morrison/J. Christenson	\$1,500,000.00
July 2015-June 2020	CanROC – Canadian Resuscitation Outcomes Consortium: Toward a National Resuscitation Clinical Research Network	Heart and Stroke Foundation of Canada	I. Stiell/L. Morrison/J. Christenson	\$1,500,000.00
2015-2018	A Pragmatic Strategy Empowering Paramedics to Assess Low-Risk Trauma Patients with the Canadian C-Spine Rule and Selectively Transport them Without Immobilization	Ontario SPOR Support Unit (OSSU) Impact Award	Co-PI: C.Vaillancourt & I. Stiell	\$1,456,990.00
July 2013-June 2016	A Randomized, Controlled Comparison of Electrical versus Pharmacological Cardioversion for Emergency Department Patients with Recent-Onset Atrial Fibrillation and Flutter (RAFF)	Heart and Stroke Foundation of Ontario	I. Stiell	\$255,354.00
2011-2015	RAD-2 Study to Validate Canadian Heart Failure and COPD Risk Scales in the ED	Canadian Institutes of Health Research	I. Stiell	\$852,287.00
2010-2012	Implementation of the Canadian C-Spine Rule by Emergency Department Nurses	Council of Academic Hospitals of Ontario (CAHO)	I. Stiell	\$377,732.00
2010-2011	Evaluation of the Implementation of the Revised Acute Stroke Medical Redirect Paramedic Protocol (ASMRPP) in Urban and Rural Settings of Eastern Ontario	Ontario Stroke Network	I. Stiell	\$125,000.00
2010-2013	A Prospective Evaluation of the Outcomes and Quality of Life of Emergency Department Patients with Recent-Onset Atrial Fibrillation and Flutter (RAFF)	Heart and Stroke Foundation Ontario	I. Stiell	\$302,229.00
2010-2015	Resuscitation Outcomes Consortium (ROC) Renewal Initiative	Canadian Institutes of Health Research	I. Stiell	\$1,000,000.00
2010-2015	Resuscitation Outcomes Consortium (ROC) Renewal Initiative	Heart and Stroke Foundation Canada	I. Stiell	\$1,500,000.00
2010-2015	Resuscitation Outcomes Consortium (ROC) Regional Clinical Centre-Ottawa-OPALS-BC	National Institutes of Health	I. Stiell	\$1,657,800.00 (US funds)
2008-2010	Evaluation of the safety of C-Spine Clearance by Emergency Department Triage Nurses (Phase IV)	Canadian Institutes of Health Research	I. Stiell	\$157,354.00
2007-2010	A study to develop clinical decision rules for the hospital admission of patients with acute dyspnea	Canadian Institutes of Health Research	I. Stiell	\$350,853.00
2005-2009	Resuscitation Outcomes Consortium Epistry Study	Canadian Institutes of Health Research	I. Stiell	\$999,999.00
2004-2009	Proposal to create a Canadian Collaborative Regional Clinical Center within the Resuscitation Research Consortium	National Institutes of Health	I. Stiell	\$3,350,335.33

2004-2007	Improved Emergency Department Efficiency Through Triage Nurse Evaluation of Immobilized Trauma Patients	Canadian Health Services Research Foundation	Co-PI – Dr. Annette O'Connor	\$300,000.00
2003-2005	Optimal prehospital care for childhood cardiac arrest	National Institutes of Health	I. Stiell	\$285,000.00
2003-2007	Evaluation of an active strategy to implement the Canadian CT Head Rule: Phase III.	Canadian Institutes of Health Research	I. Stiell	\$591,928.00
2003-2006	Ontario Prehospital Advanced Life Support (OPALS) Study for critically ill and injured pediatric patients	Canadian Institutes of Health Research	Co-PI – Dr. Martin Osmond	\$569,364.00
2002-2004	The Prehospital Validation of the Canadian C-Spine Rule by Paramedics.	Ontario Ministry of Health and Long-Term Care	Co-PI -Dr. Christian Vaillancourt	\$116,415.24
2003-2005	The prehospital validation of the Canadian C-Spine Rule by Paramedics	Physician Services Incorporated Foundation	Co-PI - Dr. Christian Vaillancourt	\$104,000.00
2003-2007	Implementation of the Canadian C-Spine Rule (Phase III)	Canadian Institutes of Health Research	I. Stiell	\$737,636.00
1994-2004	Ontario Prehospital Advanced Life Support Study	Ontario Ministry of Health	I. Stiell	\$1,940,617.00
2000-2003	A study to prospectively validate a Clinical decision rule for the use of computed tomography in patients with minor head injury (Phase II)	Ontario Ministry of Health	I. Stiell	\$54,906.00
2000-2003	A study to prospectively validate a clinical decision rule for the use of computed tomography in patients with minor head injury	Canadian Institutes of Health Research	I. Stiell	\$253,374.00
1999-2002	A study to prospectively validate a clinical decision rule for the use of cervical spine radiography in alert stable trauma patients	Ontario Ministry of Health	I. Stiell	\$120,000.00
1999-2002	A study to prospectively validate a clinical decision rule for the use of cervical spine radiography in alert stable trauma patients	Medical Research Council	I. Stiell	\$689,526.00
1998-2001	The Ontario Prehospital Advanced Life Support (OPALS) Study for Cardiac Arrest and Critical Care Patients – Phase III	Canadian Health Services Research Foundation	I. Stiell	\$352,485.80
1997-1999	A preliminary randomized controlled study to compare the clinical effects of vasopressin and epinephrine in the treatment of in-hospital cardiac arrest	Heart and Stroke Foundation of Canada	I. Stiell	\$111,495.00
1996-1999	A study to derive and validate a clinical decision rule for the use of cervical spine radiography in alert stable trauma patients	Medical Research Council	I. Stiell	\$229,842.00
1996-1999	A study to derive and validate a clinical decision rule for the use of cervical spine radiography in alert stable trauma patients	Ontario Ministry of Health	I. Stiell	\$108,190.11
1996-1999	A study to derive and validate a clinical decision rule for the use of computed tomography in patients with minor head injury	Medical Research Council	I. Stiell	\$304,869.00
1996-2000	A study to derive and validate a clinical decision rule for the use of computed tomography in patients with minor head injury	Ontario Ministry of Health	I. Stiell	\$120,653.61
1995-1997	Implementation of a clinical decision rule for the use of radiography in acute knee injuries (phase III)	Ontario Ministry of Health	I. Stiell	\$183,187.69
1995-1996	A pilot study to derive a clinical decision rule for the use of computed tomography in minor head injuries	Medical Research Council	I. Stiell	\$85,200.00

1993-1996	A randomized controlled trial of active compression-decompression versus standard cardiopulmonary resuscitation for cardiac arrest	Ontario Ministry of Health Ambu International	I. Stiell	\$301,682.00 \$139,248.00
1994-1996	A study to prospectively validate a decision rule for the use of radiography in acute knee injuries (phase II)	Ontario Ministry of Health	I. Stiell	\$88,872.45
1994	Data collection feasibility review for proposed study of prehospital advanced life support	Ontario Ministry of Health	I. Stiell	\$67,225.63
1992-1994	A multicentre study to implement clinical decision rules for the use of radiography in acute ankle injuries	Institute for Clinical Evaluative Sciences	I. Stiell	\$296,424.00
1992-1994	A study to develop clinical decision rules for the management of acute knee injuries (phase I)	Ontario Ministry of Health	I. Stiell	\$62,131.00
1992-1993	Implementation of clinical decision rules for the use of radiography in acute ankle injuries (phase III)	Ontario Ministry of Health	I. Stiell	\$49,212.00

Peer-Reviewed Co-Investigator:

Support Period	Title	Organization	Principal Investigator	Total Amount
March 2019- Nov 2019	Deriving a Clinical Decision Rule for Suicide Risk in the Emergency Department Setting	NIH R1	Celine Larkin	\$503,751
May 2018- Apr 2019	Optimal Care for Patients with mild Traumatic Brain Injury: Relevance of Biomarkers and CT Scan Use	Fondation du CHU de Québec	N. Le Sage	\$15,000
July 2018- June 2022	Crystalloid FLUID Choices for Resuscitation of Hospitalized Patients: A Pragmatic Comparative Effectiveness Trial (FLUID)	CIHR Project Grant	L. McIntyre	\$374,851
July 2018- Sept 2021	Derivation of a clinical decision rule for emergency department head CT scanning in older adults who have fallen.	CIHR Project Grant	K. de Wit	\$857,756
April 2017- Mar 2022	The Epinephrine Randomized Optimal Versus Current Dose (EpiROC) Canada Trial	CIHR Project Scheme	P. Dorian	\$2,509,200
April 2017- March 2021	Development and testing of a clinical decision support tool for diagnostic imaging use for low back pain	CIHR Project Scheme	J. Hayden	\$784,124
April 2017- March 2018	Development and Evaluation of The Ottawa Rules Mobile Application: Promoting use of the Ottawa CT Head Rule, and the SAH and TIA Risk Scores	The Ottawa Hospital Academic Medical Organization (TOHAMO)	K. Wilson	\$99,672
April 2017- March 2018	An Interdisciplinary Project to Implement a Nursing Delirium Screening Protocol for older Emergency Department Patients	The Ottawa Hospital Academic Medical Organization (TOHAMO)	D. Eagles	\$98,284
March 2017-Feb 2019	Decreasing Hospital Admissions from the Emergency Department for Acute Atrial Fibrillation - Emergency Department Discharge of Patients with Acute Atrial Fibrillation: Environmental Scan and Guideline Development	Cardiac Arrhythmia Network of Canada (CANet)	D. Eagles	\$169,774
July 2016- June 2023	Maximizing Safety and Efficiency in Managing Vascular Emergencies	CIHR Foundation Grant	J. Perry	\$3,646,623.00
July 2015- June 2018	Risk Stratification of Adult Emergency Department Syncope Patients to Predict Short-term Serious Adverse Events after Discharge (RiSEDS study) Phase II	Heart and Stroke Foundation of Canada	V. Thiruganasam bandamoorthy	\$243,045
July 2015- June 2018	A Randomized, Controlled Comparison of Electrical versus Pharmacological Cardioversion for Emergency Department Patients with Recent-Onset Atrial Fibrillation (RAF2)	Canadian Institutes of Health Research - Transitional Open Operating Grant	J. Perry	909,538.00
July 2015- June 2022	Promoting Implementation of Evidence-Based Care	Canadian Institutes of Health Research – Foundation Grant	J. Grimshaw	\$2,128,007.00
July 2015- June 2016	Crystalloid FLUID Choices for Resuscitation of Hospitalized Patients: A Pragmatic Cluster Cross Over Pilot Trial	Canadian Institutes of Health Research - Transitional Open Operating Grant	L. McIntyre	\$99,504.00
2015-2016	Development and Evaluation of a Mobile APP to Promote the Use of the Ottawa Ankle and Knee	The Ottawa Hospital Academic Medical Organization	K. Wilson	\$99,900

	Rules and the Canadian C-Spine Rule	(TOHAMO)		
Oct 2014- Sept 2015	Development of a Decision Rule for Discharging Patients following Colorectal Surgery based on Post-operative Serum C Reactive Protein and/or Procalcitonin Levels	Canadian Institutes of Health Research	Robin McLeod	\$358,402.00
July 2014- June 2016	Evaluation of an interdisciplinary complex pain management program linked to primary care to improve clinical outcomes and reduce health care utilization among patients with chronic pain and frequent emergency department visit	Physicians' Services Incorporated Foundation	Catherine Smyth	\$168,000.000
April 2014- March 2017	Candrive Prospective Older Driver Study	Canadian Institutes of Health Research	Shawn Marshall	\$1,386,733.00
2013-2014	The Vascular Network	Canadian Institutes of Health Research ICRH Emerging Network Grants	Duncan Stewart	\$30,000.00
2012-2015	A Multicenter Prospective Cohort Study of Adverse Events Among Patients Discharged with Sentinel Cardiovascular Emergency Department Diagnoses	Canadian Institutes of Health Research	Lisa Calder	\$428,830.00
2012-2016	Canadian Institutes of Health Research: Phase II: Clinical Decision Rule for High Risk TIA Patients in the ED	Canadian Institutes of Health Research	Jeffrey Perry	\$1,059,584.00
July 2012- June 2015	Improving the Cardiac Arrest Diagnostic Accuracy of 9-1-1 Emergency Medical Dispatchers	Heart and Stroke Foundation of Ontario	Christian Vaillancourt	\$272,978
2012-2013	Planning the Evaluation of Medication Review in Emergency Department Patients	Canadian Institutes of Health Research	Corinne Hohl	\$24,997.00
2012-2013	Syncope Clinic for Identification of Arrhythmias and those at risk of Death among Emergency Department Syncope Patients	The Ottawa Hospital Academic Medical Organization (TOHAMO) & Innovation Fund Provincial Oversight Committee (IFPOC)	Venkatesh Thiruganasam bandamoorthy	\$61,465.00
2010-2015	A Study to Prospectively Assess the Safety and Effectiveness of The Ottawa SAH Strategy for the Investigation of Alert Patients Suspected of Having Subarachnoid Hemorrhage (Renewal - Phase III)	Canadian Institutes of Health Research	Jeffrey Perry	\$1,099,485.00
2010-2012	Risk Stratification of Adult Emergency Department Syncope Patients to Predict Short-term Serious Adverse Events after Discharge (RiSEDS study)	Canadian Institutes of Health Research	Venkatesh Thiruganasam bandamoorthy	\$352,280.00
2010-2011	Improving the Safety of Patients who Present to The Emergency Department With Respiratory Distress: An Analysis of Adverse Events	Physicians Services Incorporated Foundation	Lisa Calder	\$39,835.00
2010-2014	Evaluation of the Safety of C-Spine Clearance by Paramedics	Canadian Institutes of Health Research	Christian Vaillancourt	\$424,138.00
Oct 2009- Sept 2010	Planning meeting for the PRECISE Phase III Resuscitation Trial	Canadian Institutes of Health Research	Laura-Lynn McIntyre	\$12,500.00
2010-2012	A Study to Derive a Clinical Decision Rule for Predicting Serious Outcomes in Emergency Department Syncope Patients occurring within 30-days after Discharge from the Emergency Department – Phase 1 Derivation	Physicians Services Incorporated Foundation	Venkatesh Thiruganasam bandamoorthy	\$166,800.00
2008-2010	A Survey of Factors Associated with the Successful Recognition of Agonal Breathing and Cardiac Arrest by 9-1-1 Call Takers	Heart and Stroke Foundation of Ontario	Christian Vaillancourt	\$49,000.00
2008-2014	Knowledge Translation Canada: A CIHR Strategic Training Initiative in Health Research	Canadian Institutes of Health Research	Sharon Straus, Jeremy Grimshaw	\$1,778,626.00
2007-2009	Survey of Attitudes and Factors Associated with Successful CPR Knowledge Transfer in an Older Population Most Likely to Witness Cardiac Arrest	Heart and Stroke Foundation of Canada, Resuscitation and Knowledge Transfer	Christian Vaillancourt	\$196,538.00
2007-2011	Phase I: Clinical decision rule for high risk TIA patients in the ED	Canadian Institutes of Health Research	Jeff Perry	\$403,383.00
2007-2010	Effectiveness of dispatch-assisted CPR instructions: An evaluation of 9-1-1 calls	Canadian Institutes of Health Research	Christian Vaillancourt	\$378,517.00

2007-2010	PERIL: Paramedics and elders at risk for Independence loss. A study to derive a prediction tool using paramedic observations to assess elders' home environments for risks of adverse outcomes	Canadian Institutes of Health Research	Jacques Lee	\$455,448.00
2006-2010	A study to prospectively validate a clinical decision rule for the investigation of alert patients suspected of having subarachnoid hemorrhage (renewal - Phase II)	Canadian Institutes of Health Research	Jeff Perry	\$751,000.00
2005-2007	A study to derive a clinical decision rule for predicting severe bronchiolitis	Ontario Lung Association/Children's Hospital of Eastern Ontario Research Institute	Amy Plint	\$90,134.00
2005-2009	A study to validate a clinical decision rule for the use of computed tomography in children with minor head injury	Canadian Institutes of Health Research	Martin Osmond	\$760,764.00
2005-2007	Multi-centered study of anti-inflammatory treatment in asthma relapse: The AIR asthma study	Canadian Institutes of Health Research	Brian Rowe	\$486,000.00
2004-2007	The Ontario Outcomes after the Hospitalization Study (The Ontario OATH Study)	Canadian Institutes of Health Research	Carl Van Walraven	\$693,930.00
2004-2009	Group grant in decision support tools for patients and clinicians	Canadian Institutes of Health Research		\$1,376,560.00
2004-2007	A study to complete the derivation of a clinical decision rule to guide investigation of patients with an acute headache to rule out non-traumatic subarachnoid hemorrhage	Canadian Institutes of Health Research	Jeff Perry	\$218,541.00
2003-2005	A randomized trial comparing clarithromycin to first-line antibiotics for the out-patient treatment of acute COPD	Canadian Institutes of Health Research	Brian Rowe	\$693,930.00
2002-2003	Study to determine the accuracy of spectrophotometry for subarachnoid hemorrhage	Ontario Ministry of Health and Long-Term Care	Jeff Perry	\$22,935.00
2002-2003	A National Survey of Canadian Emergency Physicians: How do you manage traumatic corneal abrasions?	Canadian Association of Emergency Physicians	Lisa Calder	\$5,000.00
2002-2003	Understanding and improving low bystander CPR. A systematic review and meta-analysis of the literature	Canadian Association of Emergency Physicians	Christian Vaillancourt	\$1,235.00
2002-2003	Uptake and use of clinical decision rules	Physician Services Incorporated Foundation	Jamie Brehaut	\$37,000.00
2001-2003	A Study to Derive a Clinical Decision Rule for the Investigation of Alert Patients Suspected of having Subarachnoid Haemorrhage – Phase 1	Physician Services Incorporated Foundation	Jeff Perry	\$162,000.00
2001-2004	A Prospective Study of Mild Traumatic Brain Injury	Ontario Neurotrauma Foundation	Shawn Marshall	\$142,404.00
2001-2003	Pulmonary Embolism Diagnosis Study	Canadian Institutes of Health Research	David Anderson	\$548,433.00
2001-2005	A study to derive and validate a clinical decision rule for the use of computed tomography for children with minor head injury	Canadian Institutes of Health Research	Martin Osmond	\$478,372.00
2000-2003	Group grant in decision support tools for patients and clinicians	Canadian Institutes of Health Research		\$629,502.00
2000-2001	Controlled trial of oral glucocorticoids in outpatients with acute COPD exacerbation	Canadian Institutes of Health Research	Shawn Aaron	\$369,260.00
1999-2001	Développement et évaluation d'une mesure de lourdeur de la Clientèle sur civière des départements d'urgences	Ontario Ministry of Health Canadian Health Services Research Foundation	Marc Afilio	\$25,477.00 \$12,739.00
1997-2000	Emergency department evaluation of venous thromboembolism	Heart and Stroke Foundation of Canada	David Anderson	\$290,000
1995-1999	Decision support technology for clinicians and patients	Medical Research Council Group Grant	Andreas Laupacis	\$811,870.00
1995-1997	A study of knee osteoarthritis arthroscopy prospective evaluation: derivation set	Physician Services Incorporated Foundation	Geoff Dervin	\$66,000.00
1994-1996	A prospective clinical management study for the evaluation of patients with suspected deep vein thrombosis. A prospective management study of patients presenting to the emergency department with suspected deep vein thrombosis	Heart and Stroke Foundation of Nova Scotia The Physicians' Services Incorporated Foundation		\$100,000.00 \$60,000.00
1991-1992	Study of high dose epinephrine in cardiopulmonary resuscitation in human beings	Ontario Ministry of Health		\$118,367.00

1990-1991	A study to develop and assess a clinical decision rule for the use of radiography in acute ankle injuries	Ontario Ministry of Health		\$18,380.00
1990-1991	A pilot study to assess the effectiveness of brief counselling on smoking cessation in emergency department patients	OCH Foundation		\$3,500.00
1990-1991	Methotrimeprazine compared to meperidine and dimenhydrinate for management of migraine headache in the emergency department	OCH Foundation		\$3,350.00

Non-Peer-Reviewed Principal Investigator:

Support Period	Title	Organization	Principal Investigator	Total Amount
	Atrial Fibrillation Study – Phase IV	Astellas Pharma Corp		
2004-2005	Atrial Fibrillation Study – Phase III	Cardiome Pharma Corp		\$260,965.79
2001-2002	Atrial Fibrillation Study – Phase I and II	Cardiome Pharma Corp		\$140,300.00
2001-2002	Biphasic Defibrillation Pilot Study	Medtronic Physio-Control Inc		\$248,881.60

Non-Peer-Reviewed Co-investigator:

Support Period	Title	Organization	Principal Investigator	Total Amount
1992-1993	A study of the efficacy and safety of nebulization therapy combining ipratropium bromide 0.5 mg with salbutamol sulphate 3.0 mg versus salbutamol sulphate 3.0 mg alone in acute asthma	Boehringer Ingelheim (Canada) Ltd		
1991-1992	Cost benefit study on prehospital advanced life support in Canada	Advanced Coronary Treatment Foundation		\$62,800.00
1991-1992	A multicentre clinical trial to compare the safety profiles of Berotec (MDI) and Ventolin (MDI) in acute severe adult asthmatics treated in the emergency room	Boehringer Ingelheim (Canada) Ltd		

INVITED PRESENTATIONS (Lifetime Total=305)

International:

131. Modern Management of Acute Atrial Fibrillation and Flutter. International Conference on Emergency Medicine (ICEM 2019). June 12-15 2019, Seoul, Korea.
130. Modern management of acute atrial fibrillation in the ED. Eurasian Congress on Emergency Medicine. Antalya, Turkey November 9, 2018.
129. ED management of acute-onset atrial fibrillation and flutter: time for the ED to take control. Keynote Speaker. Wayne State University School of Medicine & Michigan Emergency Department Improvement Collaborative. New Hudson, MI. October 12, 2017.
128. Challenges and Solutions to Integrating Head Injury Decision Rules into Clinical Practice. Keynote Speaker, MEDIC Collaborative-Wide Meeting, October 13, 2017. New Hudson, MI.
127. Management of Recent-onset Atrial Fibrillation and Flutter (RAFF): Time for the ED to take Control. Speaker, European Society for Emergency Medicine (EUSEM). Athens, Greece. September 26, 2017
126. Creating evidence to improve safety and effectiveness of ED patient care Speaker, European Society for Emergency Medicine (EUSEM). Athens, Greece. September 26, 2017
125. Panel discussion – Cardiovascular (how to). Speaker, European Society for Emergency Medicine (EUSEM). Athens, Greece. September 26, 2017
124. Management of Recent- Onset Atrial Fibrillation and Flutter (RAFF): Time for the ED to take control! Invited Speaker, Grand Rounds, University of Pittsburg. May 18, 2016.

123. Creating Evidence to Improve the Safety and Effectiveness of ED Patient Care. Invited Speaker, University of Pittsburg. May 18, 2016.
122. Theory and practice of clinical decision rules and risk scales in the ED. Invited Speaker, International Conference on Emergency Medicine (ICEM), South Africa, April 18-21, 2016.
121. Modern management of recent-onset atrial fibrillation in the ED. Invited Speaker, International Conference on Emergency Medicine (ICEM), South Africa, April 18-21, 2016.
120. Management of Recent-onset Atrial Fibrillation and Flutter (RAFF): Time for the ED to take Control. Grand Rounds, Vanderbilt University, Nashville, TN. March 15, 2016.
119. Creating Evidence to Improve Safety and Effectiveness of ED Patient Care. Resident Lecture, Vanderbilt University, Nashville, TN. March 15, 2016.
118. Creating Evidence to Improve the Safety and Effectiveness of ED Patient Care. Keynote Speaker. Emirates Society of Emergency Medicine (ESEM) Scientific Conference. Abu Dhabi, UAE. Dec 6-10, 2015.
117. Management of Recent-Onset Atrial Fibrillation and Flutter (RAFF): Time for the ED to Take Control. Keynote Speaker. Emirates Society of Emergency Medicine (ESEM) Scientific Conference. Abu Dhabi, UAE. Dec 6-10, 2015.
116. How to Make Research Succeed in your Emergency Department. Emirates Society of Emergency Medicine (ESEM) Scientific Conference. Abu Dhabi, UAE. Dec 6-10, 2015.
115. Clinical Decision Rules: From Research to Bedside Care. Muscat, Oman. December 4, 2015.
114. How to Write a Manuscript. Muscat, Oman. December 4, 2015.
113. How to help Research Succeed in your Department/Hospital. Muscat, Oman. December 4, 2015.
112. Recent-Onset Atrial Fibrillation: Time for the ED to Take Control. University of Alabama Birmingham, Invited Professor, Emergency Medicine Rounds, Birmingham, AL, March 26, 2015.
111. Management of Recent-Onset Atrial Fibrillation and Flutter (RAFF): Time for the ED to Take Control. Invited Speaker, International Conference on Emergency Medicine (ICEM), Hong Kong, June 11-14, 2014.
110. Conducting Pre-Hospital Resuscitation Research. Invited Lecturer, Asian Conference on Emergency Medicine (ACEM). October 23-25 2013, Tokyo, Japan
109. Management of Recent-Onset Atrial Fibrillation and Flutter (RAFF): Time for the ED to Take Control. Invited Lecturer, Asian Conference on Emergency Medicine (ACEM). October 23-25 2013, Tokyo, Japan.
108. Syncope Risk Threshold, What Risk is Acceptable for Syncope. First International Workshop on Syncope Risk Stratification in the ED. September 26-27, 2013. Gargnano, Italy.
107. Mapping the Path for Current and Future Research for Safe, Effective, and Appropriate Trauma Imaging. Didactic Session. Society for Academic Emergency Medicine (SAEM) Annual Meeting, Atlanta, GA, May 2013.
106. Management of Recent-Onset Atrial Fibrillation and Flutter: Time for the ED to Take Control!, Invited Speaker, Grand Rounds, University of Connecticut, Connecticut, RI, December 2012.
105. Stiell Sessions – Interview with Rob Orman, Essentials of Emergency Medicine Conference, Las Vegas, NV, November 2012.
104. Clinical Decision Rules to Help with ED Patient Care, Invited Speaker, International Conference on Emergency Medicine (ICEM), Dublin, Ireland, June 2012.
103. Prehospital Research: Challenges and Solutions'; Keynote Speaker, International Conference on Emergency Medicine (ICEM), Dublin, Ireland, June 2012.
102. ED Management of Recent-Onset Atrial Fibrillation: What is the Evidence? Invited Speaker, International Conference on Emergency Medicine (ICEM), Dublin, Ireland, June 2012.
101. Evidence-Based Emergency Medicine Research Findings; Their Impact on Quality and Physician practice in the ED. Invited Speaker, CEM/IFEM Symposium: Quality and Safety in Emergency Care London, UK, November 2011.
100. The Theory and Reality of Developing Clinical Decision Rules. Keynote Speaker, Diagnostic Error in Medicine Conference, Chicago, IL, October 2011.
99. Develop guidelines for reporting studies and develop multivariate prediction models. Invited member, Oxford University, Oxford, England, June 2011
98. Management of Recent-Onset Atrial Fibrillation – Canadians are Cowboys. Invited Speaker, Grand Rounds Mayo Clinic, Rochester, MN, May 2011

97. How to Succeed in Emergency Medicine Research. Invited Speaker, Grand Rounds Mayo Clinic, Rochester, MN, May 2011
96. How to Succeed in Emergency Medicine Research. Invited Speaker, Grand Rounds Brown University, Rhode Island, February 2011
95. Management of Recent-Onset Atrial Fibrillation – Canadians are Cowboys. Invited Speaker, Grand Rounds Brown University, Rhode Island, February 2011
94. ED Management of Recent-onset Atrial Fibrillation: Canadians are Cowboys. Invited Speaker, Endowed Lecture, The George Washington University Medical Center, Washington, DC. March 2010
93. Being a Good Physician is Making the Best Decisions for Your Patients: A View from Canada. Invited Speaker, Endowed Lecture, The George Washington University Medical Center, Washington, DC. March 2010
92. Clinical Decision Rules for Emergency Medicine: How we do it in Ottawa. Invited Speaker, Department of Emergency Medicine Grand Rounds, State University of New York, Downstate Medical Center, Brooklyn, NY, October 2009
91. “Ottawa Aggressive Protocol” for ED Management of Recent-onset Atrial Fibrillation. Invited Speaker, Department of Emergency Medicine Grand Rounds, State University of New York, Downstate Medical Center, Brooklyn, NY, October 2009
90. Canadian CT Head Rules: How we did them. 2nd Annual Harvard Medical Faculty Physicians (HMFP/APHMFP) Emergency Medicine Retreat, Brewster, MA, September 2009
89. Atrial Fibrillation Treatment, Cardiovert and D/C in 4 hours. 2nd Annual HMFP/APHMFP Emergency Medicine Retreat, Brewster, MA September 2009.
88. Cutting-Edge: Highlights of Emergency Medicine Research, American College of Emergency Physicians Scientific Assembly, Chicago, IL, September 2009
87. Rapidly Excluding Injuries to the Cervical Spine After Traumatic Injuries, Plenary Speaker, 47th Annual USC Weil Symposium on Critical Care and Emergency Medicine, Rancho Mirage, CA, May 2009
86. Aggressive Emergency Department Management of Atrial Fibrillation: The Ottawa Protocol, 47th Annual USC Weil Symposium on Critical Care and Emergency Medicine, Rancho Mirage, CA, May 2009
85. Organization of Emergency Departments, 47th Annual USC Weil Symposium on Critical Care and Emergency Medicine, Rancho Mirage, CA, May 2009
84. Sunsetting Prehospital Endotracheal Intubation, Plenary Speaker, 47th Annual USC Weil Symposium on Critical Care and Emergency Medicine, Rancho Mirage, CA, May 2009
83. In adult cardiac arrest, in-hospital, does the use of an escalating defibrillation energy protocol when compared with a fixed energy protocol increase outcome? International Liaison Committee on Resuscitation (ILCOR) Meeting, New Orleans, LA, November 2008.
82. Cutting-Edge: Highlights of Emergency Medicine Research, American College of Emergency Physicians Scientific Assembly, Chicago, IL, October 2008.
81. Are Physician Responders Necessary to Improve EMS Care or a Waste of Resources? Paramedics May or May Not Improve Care in Canada. (Debate) Resuscitation Science Symposium, American Heart Association Scientific Sessions 2007, Orlando, FL, November 2007.
80. Cutting-Edge: Highlights of Emergency Medicine Research, American College of Emergency Physicians Scientific Assembly, Seattle, WA, October 2007.
79. Implementing Decision Rules in an Emergency Department, Academic Emergency Medicine, Knowledge Translation in Emergency Medicine, Society for Academic Emergency Medicine Annual Meeting, Chicago, IL, May 2007.
78. Clinical Decision Rules and Evidence Based Clinical Practice, The Society for Emergency Medicine in Singapore 8th Annual Scientific Meeting, Singapore, January 2007.
77. How We Developed a Thriving Academic Department of Emergency Medicine at the University of Ottawa, The Society for Emergency Medicine in Singapore 8th Annual Scientific Meeting, Singapore, January 2007.
76. Frontiers of Resuscitation Research, The Society for Emergency Medicine in Singapore 8th Annual Scientific Meeting, Singapore, January 2007.
75. Resuscitation Outcomes Consortium, Resuscitation Science Symposium (ReSS)/American Heart Association Scientific Sessions 2006, Chicago, IL, November 2006.

74. New Drugs and Protocols for Atrial Fibrillation, Essentials of Emergency Medicine 2006, Las Vegas, NV, November 2006.
73. Head Rules. Neck Rules. American or Canadian. The Expert Speaks, Essentials of Emergency Medicine 2006, Las Vegas, NV, November 2006.
72. Cutting-Edge: Highlights of Emergency Medicine Research, American College of Emergency Physicians Scientific Assembly, New Orleans, LA, October 2006.
71. Techniques and Methodology for EMS Research, Society for Academic Emergency Medicine Annual Meeting, San Francisco, CA, May 2006.
70. Development and Validation of Clinical Decision Rules, Society for Academic Emergency Medicine Annual Meeting, San Francisco, CA, May 2006.
69. The impact of advanced life support in the prehospital setting: the OPALS Study, The International Interdisciplinary Conference on Emergencies, Montreal, June 2005.
68. The Clinical Research Unit: Achieving Success Through a Variety of Methods, Panel Member, Society for Academic Emergency Medicine Annual Meeting, New York, May 2005.
67. Faculty Development – Developing a Career in Research, Keynote Speaker, Southeastern Regional SAEM Meeting, Chapel Hill, NC, April 2005.
66. Tale of Two Cities: Clinical Decision Rules from the North and South, Panel Member, Southeastern Regional SAEM Meeting, Chapel Hill, NC, April 2005.
65. Applied Clinical Research, Keynote Speaker, Southeastern Regional SAEM Meeting, Chapel Hill, NC, April 2005.
64. Is There Still a Role for Clinical Judgment in Emergency Medicine? The Canadian CT Head Rule, Grand Rounds, Stanford University, San Francisco, CA, March 2005.
63. What are the Most Important Links in the Chain of Survival for Cardiac Arrest? The OPALS Study, Grand Rounds, Stanford University, San Francisco, CA, March 2005.
62. Optimizing energy level in defibrillation, International Liaison Committee on Resuscitation (ILCOR), Dallas, TX, January 2005.
61. Discussion on Merits of the Canadian C-Spine Rule versus the NEXUS Criteria, American College of Emergency Physicians Scientific Assembly/Research Forum, San Francisco, CA, October 2004.
60. “What did we learn from the OPALS Study”, Emergency Medical Services Section, American College of Emergency Physicians Scientific Assembly/Research Forum, San Francisco, CA, October 2004.
59. What are the most important links in the chain of survival?, American Heart Association/Emergency Cardiovascular Care Update, New Orleans, LA, October 2004.
58. Optimal Energy Levels for Biphasic Waveform Defibrillation, ILCOR Meeting, Budapest, Hungary, September 2004.
57. The Canadian Spine and CT Head Rules. American Society of Radiology Annual Meeting, Montreal, Invited Speaker, September 2004.
56. The Canadian Spine and CT Head Rules. 23rd International Congress of Radiology of the International Society of Radiology, Montreal, Invited Speaker, June 2004.
55. Optimal Energy Levels for Biphasic Waveform Defibrillation, American Heart Association/Emergency Cardiovascular Care, Dallas, TX, March 2004.
54. The Canadian CT Head Rules, The Trauma Audit and Research Network (TARN) Annual Conference and Neurosciences Meeting, Manchester, UK, February 2004.
53. Vasopressin in Cardiac Arrest – Commentary, Center for Medical Education, EMRAP, Creamery, PA, February 2004.
52. Trials and Tribulations of Conducting the World’s Largest Prehospital Study – The OPALS Trial, National Association of EMS Physicians Annual Meeting, Tucson, AZ, January 2004.
51. State of the Art Presentation: The Development of a Clinical Decision Rule - The Canadian CT Head Rule, American College of Emergency Physicians Scientific Assembly, Boston, MA, October 2003.
50. Development and Validation of Clinical Decision Rules. Society for Academic Emergency Medicine Annual Meeting, Boston, MA, May 2003.
49. Canadian C-Spine Rule vs NEXUS: A Biased Perspective. Grand Rounds, Department of Emergency Medicine, Brown Medical School, Rhode Island Hospital, Providence, RI, April 2003.

48. Imaging for Head & Neck Trauma: a cross-border perspective. Grand Rounds, Department of Emergency Medicine, Arizona Health Sciences Centre, University of Arizona, Tucson, AZ, March 2003.
47. Canadian C-Spine Rule vs NEXUS: A Biased Perspective. Grand Rounds, Department of Emergency Medicine, Johns Hopkins Hospital, Baltimore, MD, January 2003.
46. How to succeed in Emergency Medicine Research. ACEM/ASEM Winter Symposium 2002, Wellington, New Zealand, July 2002.
45. Cervical Spine Clearance in the Alert and Stable Patient. ACEM/ASEM Winter Symposium 2002, Keynote Speaker, Wellington, New Zealand, July 2002.
44. Canadian CT Head Rule. ACEM/ASEM Winter Symposium 2002, Wellington, New Zealand, July 2002.
43. Clinical Decision Rules in the Emergency Department. 9th International Conference on Emergency Medicine (ICEM), Edinburgh, Scotland, June 2002.
42. How to Succeed in EM Research. Department of Emergency Medicine, The Mayo Clinic, Rochester, MN, June 2002.
41. Cross-border approaches to C-Spine and CT Head Imaging in Trauma. Emergency Medicine Grand Rounds, The Mayo Clinic, Rochester, MN, June 2002.
40. The Use of CT Scanning in "Mild" Head Trauma. 4th Annual Warren Wetzel Trauma/Emergency Medicine Symposium, Guest Faculty, Jacobi Medical Center, Bronx, NY, May 2002.
39. The Canadian CT Head and C-Spine Rules. Box Hill Hospital, Invited Speaker, Melbourne, Australia, April 2002.
38. Seeking Evidence for Prehospital ALS Care: The OPALS Study. Emergency Department, Western Hospital, Guest Speaker, Victoria, Australia, April 2002.
37. Canadian vs U.S. Perspective on Head and Neck Imaging in Minor Trauma. Emergency Department, Western Hospital, Guest Speaker, Victoria, Australia, April 2002.
36. Lessons From the OPALS Sub-Studies. Keynote Speaker, 4th Spark of Life International Resuscitation Conference, Melbourne, Australia, April 2002.
35. Evidence Based Prehospital Care. Keynote Speaker, 4th Spark of Life International Resuscitation Conference, Melbourne, Australia, April 2002.
34. How to Succeed in Emergency Medicine Research. Keynote Speaker, 6th Annual New England Regional SAEM Meeting, Worcester, MA, April 2002.
33. Cross-border view of the Canadian CT Head Rule. Grand Rounds and Visiting Professor Rounds, Harvard University, Boston, MA, March 2002.
32. Vasopressin versus Epinephrine in Cardiac Arrest and The OPALS Study. Emergency Department Teaching Meeting, Sir Charles Gairdner Hospital, Perth, Australia, November 2001.
31. Ottawa Ankle and Knee Rules. Grand Rounds, Fremantle Hospital, Perth, Australia, November 2001.
30. Critical Appraisal of Clinical Decision Rules. W.G. Smith Lectureship 2001, Sir Charles Gairdner Hospital, Perth, Australia, November 2001.
29. The Canadian CT Head and C-Spine Rules. Radiology Department Rounds, Sir Charles Gairdner Hospital, Perth, Australia, November 2001.
28. Canadian CT Head Rules. WA Australasian College for Emergency Medicine Annual Meeting, Perth, Australia, November 2001.
27. The OPALS Study. St. John's Ambulance Training Centre, Perth, Australia, November 2001.
26. Canadian C-Spine Rules and How to Succeed in Emergency Medicine Research. Emergency Department Teaching Meeting, Sir Charles Gairdner Hospital, Perth, Australia, November 2001.
25. Canadian C-Spine Rules. Grand Rounds, Royal Perth Hospital, Perth, Australia, November 2001.
24. How to Succeed in Emergency Medicine Research. Emergency Department Rounds, Fremantle Hospital, Perth, Australia, November 2001.
23. Vasopressin versus Epinephrine in Cardiac Arrest. Intensive Care Unit Presentation, Sir Charles Gairdner Hospital, Perth, Australia, November 2001.
22. Canadian CT Head and C-Spine Rules. Hospital Grand Rounds, Alice Springs Hospital, Alice Springs, Australia, November 2001.
21. CPR: Beyond the Guidelines. The 8th World Congress of Intensive and Critical Care Medicine, Sydney, Australia, October 2001.

20. The Ontario Prehospital Advanced Life Support (OPALS) Study: Future Directions. Medtronic Physio-Control, Seattle, WA, June 2001.
19. Cross-Border Differences in Imaging for Minor Head Injury. Emergency Medicine Grand Rounds, Oregon Health Sciences University, Portland, OR, June 2001.
18. New Developments in Clinical Decision Rules for Emergency Medicine. Grand Rounds, North Shore University Medical Center, Manhasset, NY, November 2000.
17. Clinical Decision Rules in Emergency Medicine. Grand Rounds, Medical Center of Delaware, January 2000
16. Overview of Randomized Controlled Trials of High Dose Epinephrine in Cardiac Arrest. Pharmacology: Pressors Panel, American Heart Association Second International Evidence Evaluation Conference, Dallas, TX, September 1999.
15. Developing an Investigator-Initiated Multicenter Clinical Trial. Society for Academic Emergency Medicine, Boston, MA, May 1999.
14. Development and Validation of Clinical Decision Rules. Society for Academic Emergency Medicine, Boston, MA, May 1999.
13. What is the Evidence for Prehospital ALS? Grand Rounds, Department of Emergency Medicine, University of Michigan, Detroit, MI, December 1998.
12. Clinical Decision Rules: Friend or Foe? Grand Rounds, Department of Emergency Medicine, University of Michigan, Detroit, MI, December 1998.
11. Panel: Clinical Decision Making. Emergency Medicine Into the 21st Century, The Departments of Emergency Medicine at Brigham and Women's Hospital & Massachusetts General Hospital, Harvard University, Boston, MA, October 1998.
10. Clinical Decision Rules: Do You Really Need an X-ray? Emergency Medicine Into the 21st Century, The Departments of Emergency Medicine at Brigham and Women's Hospital & Massachusetts General Hospital, Harvard University, Boston, MA, October 1998.
9. Pre-conference Workshop: Development and validation of clinical decision rules. 14th Annual Meeting of the International Society of Technology Assessment in Health Care, Ottawa, ON, June 1998.
8. Developing a Clinical Research Unit. Society for Academic Emergency Medicine, Chicago, IL, May 1998.
7. The use of Clinical Decision Rules in the ED. 7th International Conference on Emergency Medicine, Vancouver, BC, March 1998.
6. Indications for Knee X-ray. 7th International Conference on Emergency Medicine, Vancouver, BC, March 1998.
5. Developing an Emergency Medicine Research Program in your Centre. 7th International Conference on Emergency Medicine, Vancouver, BC, March 1998.
4. Assessing Inter-rater Reliabilities for Clinical Research Faculty. Society for Academic Emergency Medicine, Washington, DC, May 1997.
3. The OPALS (Ontario Prehospital Advanced Life Support) Study. National Association of EMS Physicians, San Diego, CA, July 1996.
2. How to Succeed in Clinical Research in Emergency Medicine. Emergency Medicine Grand Rounds, State University of New York at Stony Brook, Stony Brook, NY, February 1995.
1. A Study of High Dose Epinephrine in Human Cardiopulmonary Resuscitation. AHA Consensus Conference on Emergency Cardiac Care, Dallas, TX, February 1992.

National:

93. Decreasing ED Length of Stay for Acute Atrial Fibrillation with CAEP Acute AF Best Practice Guidelines. Invited Speaker. Regina General Hospital. Regina, SK. March 26, 2019
92. Decreasing ED Length of Stay for Acute Atrial Fibrillation with CAEP Acute AF Best Practice Guidelines. Invited Speaker. Dartmouth General Hospital. Dartmouth, NS. March 7, 2019
91. Decreasing ED Length of Stay for Acute Atrial Fibrillation with CAEP Acute AF Best Practice Guidelines. Invited Speaker. Hôpital du Charles Lemoyne. Montreal, QC. January 17, 2019
90. Decreasing ED Length of Stay for Acute Atrial Fibrillation with CAEP Acute AF Best Practice Guidelines. Invited Speaker. McGill University Health Centre. Montreal, QC. January 9, 2019

89. Decreasing ED Length of Stay for Acute Atrial Fibrillation with CAEP Acute AF Best Practice Guidelines. Invited Speaker. Hôpital du L'Enfant Jesus, Quebec City, QC. November 28, 2018.
88. Decreasing ED Length of Stay for Acute Atrial Fibrillation with CAEP Acute AF Best Practice Guidelines. Invited Speaker. Royal University Hospital. Saskatoon, SK. October 24, 2018.
87. Decreasing ED Length of Stay for Acute Atrial Fibrillation with CAEP Acute AF Best Practice Guidelines. Invited Speaker. Dr. Georges-L.-Dumont University Hospital. Moncton, NB. October 4, 2018.
86. Decreasing ED Length of Stay for Acute Atrial Fibrillation with CAEP Acute AF Best Practice Guidelines. Invited Speaker. Hotel-Dieu de Lévis, Levis, Quebec. September 12, 2018
85. Management of Recent-onset Atrial Fibrillation and Flutter (RAFF): Updated Canadian Guidelines. Keynote Speaker. Emergency Medicine Prairie Annual Conference (EMPAC). Winnipeg, MB. May 27, 2017.
84. When do we need Neuroimaging after a Fall with Minor Head Injury in Long-Term Care? Emergency Medicine Perspective. Canadian Geriatrics Society Annual Scientific Meeting. Toronto, ON. April 20, 2017.
83. Providing Better Care for our Patients with Heart Failure and Acute Atrial Fibrillation. Invited Speaker, Queen's University, Department of Emergency Medicine Grand Rounds. Kingston, ON. April 13, 2017.
82. Management of Recent-onset Atrial Fibrillation and Flutter (RAFF): Updated. Invited Speaker, Association Des Medecins D'Urgence du Quebec (AMUQ/ASMUQ) 33E Congres Scientifique en Medecine d'urgence. Mont Sainte-Anne, QC. October 27, 2016.
81. Stratifying Risk for ED Patients with Acute Heart Failure and Acute COPD. Invited Speaker, Association Des Medecins D'Urgence du Quebec (AMUQ/ASMUQ) 33E Congres Scientifique en Medecine d'urgence. Mont Sainte-Anne, QC. October 26, 2016.
80. Updated CCS Guidelines for Recent-Onset Atrial Fibrillation and Flutter. Invited Speaker. Sault Emergency Conference, Sault St Marie, September 24-25, 2015.
79. An Update on the Latest Guidelines for Recent Onset Atrial Fibrillation and Venous Thromboembolism. Invited Speaker, Canadian Association of Emergency Physicians (CAEP) 2015 Annual Conference, Edmonton, AB. May 31, 2015.
78. 2014 Updated CCS Guidelines for Recent Onset Atrial Fibrillation and Flutter. National Capital Conference on Emergency Medicine (NCCEM), Plenary Speaker, Ottawa, Ontario. February 6, 2015
77. 2014 Updated CCS Guidelines for Recent-Onset Atrial Fibrillation and Flutter. Invited Speaker, Canadian Association of Emergency Physicians (CAEP) 2014 Annual Conference, Ottawa, ON. June 4, 2014.
76. EM Educator Meets EM Researcher. Plenary Speaker, at Canadian Association of Emergency Physicians (CAEP) 2014 Annual Conference, Ottawa, ON. June 3, 2014.
75. How to Publish in High Impact Journals. Resus in Motion (RIM) Invited Professor, University of Toronto, April 28th, 2014.
74. Emergency Medicine Research: Creating Evidence to Improve the Safety and Effectiveness of ED Patient Care. Visiting Professor. University of British Columbia EM Research Day. April 9, 2014
73. Recent-Onset Atrial Fibrillation and Flutter: What do the 2014 Guidelines Tell Us?. Visiting Professor. University of British Columbia EM Research Day. April 9, 2014
72. Implementation of the Canadian C-Spine Rule by Emergency Department Nurses. Invited Speaker, The ARTIC Celebration Event. Li Ka Shing Knowledge Institute, Toronto, ON. March 3, 2014
71. Evaluation of the Implementation of the Revised Acute Stroke Medical Redirect Paramedic Protocol (ASMRPP) in Urban and Rural Setting. Invited Speaker. Ministry of Health and Long-Term Care (MOHLTC). February 14, 2014.
70. Canadian Cardiovascular Society (CCS) Atrial Fibrillation Guidelines Primary Panel Meeting. Invited Panel Member. Toronto, ON, February 4th, 2014.
69. The Modern Canadian Approach to ED Management of Recent-Onset Atrial Fibrillation and Flutter (RAFF), Invited Speaker, L'Association des médecins d'urgence du Québec (AMUQ), Charlevoix, Quebec, November 15, 2012.
68. Clinical Decision Rules: How to get Started, Invited Speaker, Canadian Association of Emergency Physicians, June 2012.
67. How to Manage Recent-Onset Atrial Fibrillation in your ED. Kawartha Emergency Medicine Conference, Invited Speaker, Peterborough, Ontario. November 2011

66. Atrial Fibrillation Management in the Emergency Department – A Review of the 2010 Canadian Cardiovascular Society AF Guidelines. Invited Speaker, Canadian Association of Emergency Physicians Annual Scientific Meeting, St. John's, Canada June 2011.
65. Advancing Research in Your Academic Centre. Invited Speaker, Canadian Association of Emergency Physicians Annual Scientific Meeting, Montreal, Canada May 2010
66. Clearing the C-Spine in EMS. Invited Speaker, The Trauma Association of Canada (TAC) Annual Scientific Meeting, Halifax, Nova Scotia, May 2010.
65. Evidence in Pre-Hospital Trauma Care. Invited Speaker, The Trauma Association of Canada (TAC) Annual Scientific Meeting, Halifax, Nova Scotia, May 2010.
64. Management of Recent Onset Atrial Fibrillation in the Rural ER. 26th Annual Emergency Medicine for Rural Hospitals, Plenary Session, Banff, Alberta, January 2010.
63. Clinical Clearance of the C-Spine. 26th Annual Emergency Medicine for Rural Hospitals, Invited Speaker Workshop, Banff, Alberta, January 2010
62. Prehospital ALS for Trauma – Helpful or Harmful? Canadian Association of Emergency Physicians Annual Scientific Meeting, Calgary, June 2009.
61. Creating Evidence for the Prehospital Resuscitation of Critically Ill and Injured Patients, University of Calgary Emergency Medicine Research Day, Invited Professor, April 2009
60. How to Write a Manuscript and Get it Published, University of Calgary Emergency Medicine Research Day, Invited Professor, April 2009
59. Academic Excellence in Emergency Medicine in Canada, Invited Professor, Emergency Medicine Rounds, Laval University, May 2009.
58. Knowledge Creation: Clinical Decision Rules for Emergency Physicians, Invited Professor, Emergency Medicine Rounds, Laval University, May 2009.
57. Excellence in Emergency Medicine, Invited Professor, Emergency Medicine Rounds, McGill University, Montreal, September 2008.
56. Acute Atrial Fibrillation, Invited Professor, Emergency Medicine Rounds, McGill University, Montreal, September 2008.
55. Excellence in Emergency Medicine, Invited Professor, Emergency Medicine Rounds, McGill University, Montreal, September 2008.
54. The Respiratory Distress Study, Invited Presentation, Jewish General Hospital, Montreal, September 2008.
53. Ottawa Aggressive Protocol for Acute Atrial Fibrillation, Canadian Association of Emergency Physicians Annual Scientific Meeting, Ottawa, June 2008.
52. The Nuts and Bolts of Clinical Decision Rule Research, Canadian Association of Emergency Physicians Annual Scientific Meeting, Ottawa, June 2008.
51. How to Get Your Study Published, Canadian Association of Emergency Physicians Annual Scientific Meeting, Ottawa, June 2008.
50. Advancing Excellence in Emergency Medicine, Keynote Speaker, Canadian Association of Emergency Physicians Annual Scientific Meeting, Ottawa, June 2008.
49. Decision Rules from A to Z, Guest Speaker, Pediatric Emergency Research Canada (PERC) Annual Meeting, Mont-Tremblant, January 2008.
48. Clinical Decision Rules Update, Best Evidence in Emergency Medicine Winter Course, Silver Star Mountain, BC, January 2007.
47. A Study to Develop Clinical Decision Rules for the Hospital Admission of Patients with Acute Respiratory Conditions, Canadian Respiratory Clinical Research Consortium Annual Winter Conference, Calgary, AB, November 2006.
46. Developing clinical prediction rules for Respiratory Medicine, Canadian Respiratory Clinical Research Consortium Annual Winter Conference, Calgary, AB, November 2006.
45. Canadian EMS Research Perspective, International Conference on Emergency Medicine/Canadian Association of Emergency Physicians Annual Scientific Meeting, Halifax, June 2006.
44. The Who, What and Where of Cardiac Arrest Research in Canada, Heart and Stroke Foundation of Canada National Resuscitation Conference, Toronto, May 2006.
43. Can Emergency Nurses Clear the C-Spine, Keynote Speaker, National Emergency Nurses Affiliation Conference, Stayin' Alive, Ottawa, May 2006.

42. Current Resuscitation Research in Canada, Invited Speaker, Heart and Stroke Foundation Canadian Resuscitation Research Forum, Vancouver, February 2006.
41. Getting Funded – Lessons Learned Along the Road of Rejection, Research Workshop, Canadian Association of Emergency Physicians Annual Scientific Meeting, Edmonton, Invited Speaker, June 2005.
40. What have we learned from the Ontario Prehospital Advanced Life Support (OPALS) Study? Leadership and Learning Forum, Canadian Association of Emergency Physicians Annual Scientific Meeting, Edmonton, Invited Speaker, June 2005.
39. How to Succeed in Emergency Medicine Research, Keynote Speaker, 6th Annual Pediatric Emergency Medicine Fellowship Conference, Mont Tremblant, March 2005.
38. Research at the Edge. Canadian Institutes of Health Research, Institute of Circulatory and Respiratory Health Institute Day, Ottawa, October 2004.
37. Rational Use of Imaging for Head Injuries, State of the Art Evidence. Emergency Medicine Rounds, University of Alberta, Edmonton, May 2004.
36. Rational Use of Imaging for Head Injuries, State of the Art Evidence. Emergency Medicine Rounds, Royal Columbia Hospital, Vancouver, April 2004.
35. Arrest: The Impact of Prehospital ALS on Cardiac Arrest and Chest Pain Patients. Canadian Association of Emergency Physicians Annual Scientific Meeting, Montreal, Invited Speaker, April 2004.
34. Research Opportunities in Emergency Medicine, Division of Emergency Medicine Academic Retreat, McMaster University, Hamilton, Special Guest Speaker, February 2004.
33. The Canadian C-Spine Study: Phase III. Emergency Medicine Rounds, North York General Hospital, Toronto, Invited Speaker, December 2003.
32. The Canadian C-Spine Study: Phase III. Emergency Medicine Rounds, London Health Sciences Centre, London, Invited Speaker, November 2003.
31. The Canadian C-Spine Study: Phase III. Emergency Medicine Rounds, Sturgeon Hospital, St. Albert, Invited Speaker, November 2003.
31. The Canadian C-Spine Study: Phase III. Emergency Medicine Rounds, Surrey Memorial Hospital, Surrey, Invited Speaker, November 2003.
30. The Canadian C-Spine Study: Phase III. Emergency Medicine Grand Rounds, Vancouver General Hospital, Vancouver, Invited Speaker, November 2003.
29. How to develop Clinical Decision Rules. Canadian Association of Emergency Physicians Annual Scientific Meeting, Winnipeg, Invited Speaker, June 2003.
28. Prehospital ALS Care: is it necessary? Canadian Association of Emergency Physicians Annual Scientific Meeting, Winnipeg, Invited Speaker, June 2003.
27. The OPALS Study, Research Session. EMS Chiefs and Directors Conference, Vancouver, September 2002.
26. Do's and Don'ts for the Development of Useful Clinical Decision Rules. Canadian Association of Emergency Physicians Annual Scientific Meeting, Invited Speaker, Hamilton, April 2002.
25. Research Progress in Clinical Decision Rules. Governing Council of Canadian Institutes of Health Research, Ottawa, June 18, 2001.
24. Canadian CT Head and C-Spine Rules. Emergency Medicine Grand Rounds, University of Calgary, Alberta Heritage Foundation for Medical Research Visiting Lecturer, Calgary, June 2001.
23. A Comparison of Vasopressin versus Epinephrine for In-hospital Cardiac Arrest and The Canadian CT Head Rule for Patients with Minor Head Injury. Research Grand Grounds, Vancouver General Hospital, Vancouver, April 2001.
22. First Canadian Emergency Medicine Medical Student Symposium. Canadian Association of Emergency Physicians Annual Scientific Meeting, Calgary, March 2001.
21. C-spines and Head CT's: Cross-border Guidelines. Canadian Association of Emergency Physicians Annual Scientific Meeting, Calgary, March 2001.
20. Comparison of Canadian and American Decision Rules for Head CT Scans and Cervical Spine Radiography. University of Calgary Emergency Medicine Residency Annual Educational Retreat, Calgary, January 2001.
19. Fostering Emergency Medicine Research at Your Institution. University of Calgary Emergency Medicine Residency Annual Educational Retreat, Calgary, January 2001.

18. The New Canadian CT Head Rule. Vancouver General Hospital, Vancouver, April 2000.
17. The New Canadian CT Head Rule. Royal Columbian Hospital, Vancouver, April 2000.
16. The Canadian C-Spine Rule: an update on this current research project. CAEP/AMUQ Joint Conference, Quebec City, October 1999.
15. Practical Application of Decision Rules in the ED. Emergency Medicine Update, North York General Hospital, Toronto, June 1999.
14. Use of Cervical Spine Radiography in the ED. Emergency Medicine Update, North York General Hospital, Toronto, June 1999.
13. The Ontario Prehospital Advanced Life Support (OPALS) Study: Rationale and methodology for cardiac arrest patients. L'association des mèdeccins d'urgence du Quebec, Montreal, October 1998.
12. Use of CT Head and Cervical Spine Radiography in Canada. Royal Columbian Hospital, University of British Columbia, New Westminister, October 1996.
11. Use of CT Head and Cervical Spine Radiography in Canada. Vancouver General Hospital, University of British Columbia, Vancouver, October 1996.
10. Ottawa Ankle Rules: When to take x-rays. Telemedicine Canada, June 1996.
9. Les soins avancès feront-ils une diffèrence? 12^e Congrès Scientifique Annual, L'association des mèdeccins d'urgence du Quebec, Sherbrooke, October 1995.
8. The Ontario Prehospital Advanced Life Support Study. Canadian Association of Emergency Physicians, Ottawa, June 1995.
7. Cardiac Resuscitation in the 21st Century: Looking Ahead. Canadian Association of Emergency Physicians, Kelowna, June 1994.
6. Which Ankle and Knee Injury Patients Really Need X-rays? Canadian Association of Emergency Physicians, Kelowna, June 1994.
5. Radiological Examination of the Ankle: the Ottawa Rules. Canadian Academy of Sports Medicine, Ottawa, February 1994.
4. Decision Rules for Ankle Radiography. Western Health Technology Assessment Symposium, Edmonton, October 1993.
3. Perspectives in Research in Emergency Medicine. Royal College of Physicians and Surgeons, Vancouver, September 1993.
2. Update in CPR. Canadian Association of Emergency Physicians, St. John's, May 1992.
1. The Simulated Trauma Patient. Canadian Association of Emergency Physicians, Ottawa, 1985.

Local, Provincial:

81. CAEP Best Practices Checklist for Managing Acute Atrial Fibrillation. National Conference on Emergency Medicine (NCCEM). February 9, 2019, Ottawa, ON.
80. How to Write a Manuscript. Children's Hospital of Eastern Ontario (CHEO) Research Institute Rounds. Ottawa, ON. November 16, 2016.
79. What's New – Updated CCS Guidelines for Atrial Fibrillation AND the New Revised Ottawa Heart Failure Risk Scale. Grand Rounds, University of Ottawa, Department of Emergency Medicine. October 23, 2014.
78. Research in the Fast Lane: Improving Care for Patients in the Emergency Department. Keynote Speaker. Children's Hospital of Eastern Ontario (CHEO) Research Day. Ottawa, ON. October 22, 2014.
77. Validation and Revision of the Ottawa Heart Failure Risk Scale (OHFRS). Clinical Epidemiology Program Rounds. October 17, 2014.
76. Emergency Medicine Research in Ottawa. Invited Speaker. Nursing Education Day. Ottawa, ON. September 5, 2014.
75. Pre-hospital Resuscitation Research: Challenges and Solutions. Ottawa Hospital Research Institute Clinical Epidemiology Rounds. March 1, 2013.
74. Emergency Medicine Research for Patients with Cardiac Arrest, Atrial Fibrillation, and Heart Failure, Ottawa Hospital Research Institute Clinical Epidemiology Rounds. March 2, 2012.
73. Longer CPR not necessarily beneficial: study report, Invited speaker, Ottawa Hospital Research Day, Ottawa, ON, November 10, 2011.
72. How to Manage Resent-Onset Atrial Fibrillation in your ED. National Capital Conference on Emergency

- Medicine (NCCEM), Invited Speaker, Ottawa, Ontario February 2011
71. Emergency Medicine Resident Rounds, Ottawa, Ontario. November 2010
 70. Decision Rule Research. Ottawa Hospital Research Institute (OHRI) Annual Clinical Research Training Course, Invited Speaker, Ottawa, ON. October 2010
 69. Gathering Evidence for EMS Practice. Association of Municipal Emergency Medical Services of Ontario (AMEMSO) Conference, Invited Speaker, Ajax, ON, September 2009
 68. Paramedic Research Cardiac Symposium, Invited Speaker, Ottawa, May 2009
 67. A Journey Through EM, Invited Speaker, University of Ottawa Mini Med, Ottawa, April 2009
 66. Ontario Prehospital Advanced Life Support Study, 15th Annual Anesthesia Winterlude Symposium, invited Speaker, Ottawa, ON, February 2009
 65. The Day They Mentioned the Ottawa Ankle Rules on ER: clinical decision rules from Ottawa, Ottawa Academy of Medicine Clinical Day, Ottawa, January 2008.
 64. Clinical Decision Rules Update, The 26th Ottawa Conference on Emergency Medicine, Ottawa, February 2007
 63. Ontario Prehospital Advanced Life Support Study, Plenary Speaker, Ottawa Paramedicine 2005, Ottawa, September 2005.
 62. How to Succeed in Emergency Medicine Research, Grand Rounds, Visiting Professor, University of Toronto, Toronto, June 2005.
 61. Case Presentations and Evidence Based Medicine, Workshop for Residents, Visiting Professor, University of Toronto, Toronto, June 2005.
 60. Authorship and Publication Guidelines for Researchers, Invited Speaker, OHRI/Thrombosis Research Group, Anatomy of a Research Project: From Conception to Publication, Ottawa, May 2005.
 59. Chain of Survival: What Really Counts for Cardiac Arrest, Invited Speaker, ENAO Emergency Medicine Update 2005, Ottawa, April 2005.
 58. Clearing the C-Spine for Nurses, Invited Speaker, ENAO Emergency Medicine Update 2005, Ottawa, April 2005.
 57. Use of the Canadian C-Spine Rule by ED Nurses, Emergency Department Rounds, Winchester Memorial Hospital, Winchester, April 2005.
 56. Use of the Canadian C-Spine Rule by ED Nurses, Emergency Department Rounds, Hawkesbury General Hospital, Hawkesbury, April 2005.
 55. Use of the Canadian C-Spine Rule by ED Nurses, Emergency Department Rounds, Smiths Falls Hospital, Smiths Falls, March 2005.
 54. Use of the Canadian C-Spine Rule by ED Nurses, Emergency Department Rounds, Perth Hospital, Perth, February 2005.
 53. OPALS Study Update. Ontario Base Hospital Group Annual Conference, Ottawa, November 2004.
 52. Rational Use of Imaging for Head Injuries, State of the Art Evidence. Emergency Medicine Rounds, St. Thomas-Elgin General Hospital, St. Thomas, June 2004
 51. Rational Use of Imaging for Head Injuries, State of the Art Evidence. Emergency Medicine Rounds, The Credit Valley Hospital, Mississauga, May 2004.
 50. Rational Use of Imaging for Head Injuries, State of the Art Evidence. Emergency Medicine Rounds, Sunnybrook and Women's Health Sciences Centre, Toronto, May 2004.
 49. Rational Use of Imaging for Head Injuries, State of the Art Evidence. Emergency Medicine Rounds, Queen's University, Kingston, April 2004.
 48. Evaluation of the Minor Head Injury Patient: When is CT Required? 2nd Annual Eastern Ontario Regional Trauma Conference, Keynote Speaker, Ottawa, September 2003.
 47. Clinically Clearing the C-Spine in Trauma. Emergencies for Emergency Physicians, University of Ottawa, February 2003.
 46. Clinically Clearing the C-Spine: The Canadian C-Spine Rule. Eastern Ontario Regional Trauma Conference, Keynote Speaker, Ottawa, September 2002.
 45. Can We Save the Lives of Critically Ill Patients Before They Reach Hospital? Medical Grand Rounds, Queen's University, Kingston, September 2002.
 44. Canadian vs U.S. Approaches to C-Spine Imaging. Emergency Department Grand Rounds, Queen's University, Kingston, September 2002.

43. Ontario Prehospital Information Unit. EMS Directors and Managers of Ontario Meeting, Windermere, May 2002.
42. Clinical Decision Rules in Emergency Medicine: Methodological and Clinical Issues. Research Grand Rounds, St. Michael's Hospital, Toronto, January 2001.
41. Use of X-rays in C-spine Injury: The Neck Rules. Kawartha Emergency Medicine Conference, Peterborough, November 2000.
40. Use of CT in Head Injury: The Canadian CT Head Rules. Kawartha Emergency Medicine Conference, Peterborough, November 2000.
39. OPALS Study Update. Provincial Base Hospital Advisory Group Annual Conference, Sault St. Marie, October 2000.
38. Community Emergency Medical Services and The OPALS Study. Association of Municipalities of Ontario Annual Conference, Ottawa, August 2000.
37. C-Spine X-Ray Indications. Niagara-on-the-Lake Emergency Medicine Conference, July 2000.
36. The New Canadian CT Head Rule. Kingston General Hospital, Kingston, April 2000.
35. The New Canadian CT Head Rule. Sunnybrook and Women's Health Sciences Centre, Toronto, April 2000.
34. The New Canadian CT Head Rule. St. Michael's Hospital, Toronto, April 2000.
33. The New Canadian CT Head Rule. London Health Sciences Centre, London, April 2000.
32. CT in Minor Head Injury. Emergencies for Emergency Physicians, University of Ottawa, February 2000.
31. The Ontario Pre-Hospital Advanced Life Support (OPALS) Study: Do paramedics make a difference? Medical Grand Rounds, University of Ottawa-Ottawa Hospital, November 1999.
30. Controversies in Clinical Decision Rules in Emergency Medicine. Academic Day, Division of Emergency Medicine, University of Toronto, Toronto, June 1999.
29. Implementation and evaluation of practice guidelines. Clinical Trials, Outcomes Research and Practice Guidelines in Surgery. University of Toronto, Department of Surgery, Toronto, February 1998.
28. The Best of Journal Club. The 17th Annual Emergencies for Emergency Physicians Conference, University of Ottawa, February 1998.
27. Rationale and Methodology of the OPALS Study. University of Toronto, Division of Emergency Medicine, November 1997.
26. The Canadian CT Head and Cervical Spine Radiography Study. St. Michael's Hospital, Toronto, November 1997.
25. Development, validation and implementation of the Ottawa Ankle Rules. Surgical Clinical Epidemiology Group Rounds, University of Toronto, Toronto, December 1996.
24. Use of CT head and cervical spine radiography in Canada. Kingston General Hospital, Queen's University, Kingston, October 1996.
23. Use of CT head and cervical spine radiography in Canada. Victoria Hospital, University of Western Ontario, London, October 1996.
22. Use of CT head and cervical spine radiography in Canada. Sunnybrook Health Science Centre, University of Toronto, October 1996.
21. How to teach the Ottawa Ankle Rules. Institute for Clinical Evaluative Sciences, Toronto, May 1996.
20. The Ottawa Ankle Rules. Emergencies for Emergency Physicians Conference, Ottawa, February 1996.
19. The Ontario Prehospital Advanced Life Support Study. Emergency Divisional Rounds, Queen's University, Kingston, December 1994.
18. Assessment of Acute Ankle and Knee Injuries. Which test is best? Annual Refresher Course for Family Practitioners, Ottawa, November 1994.
17. Decision Rules for Emergency Services. Making Health Services Research Relevant Symposium, Institute for Clinical Evaluative Sciences, Toronto, October 1993.
16. ACLS: State of the Art. New guidelines. Emergencies for Emergency Physicians Conference, Ottawa, February 1993.
15. Use of Radiography in Ankle Injuries. Emergency Research Rounds, McMaster University, Hamilton, December 1992.
14. Multicentre Ankle Rule Study. Rounds, University of Toronto, Toronto, October 1992.

13. Multicentre Ankle Rule Study. Grand Rounds, Queen's University, Kingston, September 1992.
12. Design and Implementation of Emergency Medicine Research. University of Toronto Research Day, Toronto, June 1992.
11. Do All Ankle Injuries Need an X-ray? Emergencies for Emergency Physicians Conference, Ottawa, February 1992.
10. High Dose Epinephrine in Cardiac Arrest. Emergency Medicine Research Symposium, Toronto, 1991.
9. Management of Acute Psychosis. Emergencies for Emergency Physicians Conference, Ottawa, 1990.
8. Thoracic Injuries, Trauma for Nurses, Ottawa, 1989.
7. Cyclic Antidepressant Poisoning. Core Curriculum Seminar, Ottawa, 1989.
6. Interpretation of Arterial Blood Gases. Emergencies for Emergency Physicians Conference, Ottawa, 1989.
5. Toxicology of Cyclic Antidepressants. Emergencies for Emergency Physicians Conference, Ottawa, 1988.
4. Thoracic Injuries. Trauma for Nurses, Ottawa, 1986.
3. Cyclic Antidepressant Poisoning. Core Curriculum Seminar, Ottawa, 1986.
2. Resuscitation of G.I. Bleed. Emergencies for Emergency Physicians Conference, Ottawa, 1984.
1. General Management of Poisoning. Core Curriculum Seminar, Ottawa, 1982.

ABSTRACTS PUBLISHED AND PRESENTED AT CONFERENCES AND MEETINGS

(Lifetime Total=793)

International:

396. Perry JJ, Sivilotti MLA, Emond M, Worster A, Lee J, Morris J, Stotts G, Wells GA, Stiell IG, Cheung KW, Chagnon N, Murray H, Sharma M. Prospective Multicenter Validation of the Canadian TIA Score for Predicting Subsequent Stroke within Seven Days. Presented at the Society for Academic Emergency Medicine, Las Vegas, NV. May 15, 2019.
395. Thiruganasambandamoorthy V, Stiell IG, Chaudry H, Mukarram M, Booth RA, Toarta C, Hebert G, . Beanlands RS, Wells GA, Nemnom M-J, Taljaard M. Conventional Troponin Assay for Non-ST Elevation Myocardial Infarction (NSTEMI) Diagnosis. Presented at the Society for Academic Emergency Medicine, Las Vegas, NV. May15, 2019.
394. Stiell IG, Perry JJ, Birnie D, Macle L, Vadeboncoeur A, Thiruganasambandamoorthy V, Borgundvaag B, Brison RJ, Hohl C, McRae A, Rowe BH, Sivilotti MLA, Morris J, Mercier E, Clement C, Brinkhurst J, Taljaard M, Wells GA. A Randomized Controlled Trial of Drug vs Electrical Cardioversion for Recent-Onset Atrial Fibrillation. Presented at the Society for Academic Emergency Medicine, Las Vegas, NV. May16, 2019.
393. Wong B, Green M, Stiell IG. Rate control management of rapid atrial fibrillation in the emergency department. Presented at the Society for Academic Emergency Medicine, Las Vegas, NV. May15, 2019.
392. Stiell IG, McRae AD, Rowe BH, Dreyer J, Mielniczuk L, Borgundvaag B, Yan JW, Sibley S, Nemnom MJ, Clement C, Brinkhurst J, Sheehan C, Perry JJ, Taljaard M. Development of the HEARTRISK6 Scale for Emergency Department Patients with Acute Heart Failure. Presented at the Society for Academic Emergency Medicine, Las Vegas, NV. May16, 2019.
391. Eagles D, MacDonald Z, Genovezos I, Stiell IG. Compliance of Older Emergency Department Patients to Community-Based Specialized Geriatric Services. Presented at the Society for Academic Emergency Medicine, Las Vegas, NV. May 17, 2019.
390. Thiruganasambandamoorthy V, Wells GA, Sivilotti MLA, Stiell IG, Rowe BH, Huang P, Yan JW, Le Sage N, Nemnom MJ, Kim S-M, Mukarram M, Taljaard M. Prospective Multicenter Validation of the Canadian Syncope Risk Score. Presented at the Society for Academic Emergency Medicine, Indianapolis, IN. May16, 2018
389. Brown R, Sampsel K, Stiell IG, Tran ML. Management of Intimate Partner Violence in the ED. Presented at the Society for Academic Emergency Medicine, Indianapolis, IN. May16, 2018
388. Lam B, Chaudry H, Kim S-M, Nemnom MJ, Stiell I, Hebert G, Taljaard M, Beanlands R, Wells G, Booth R, Mukarram M, Thiruganasambandamoorthy V. Diagnostic Utility of Creatine Kinase in the Diagnosis and Management of Non-ST Elevation Myocardial Infarction. Presented at the Society for Academic Emergency Medicine, Indianapolis, IN. May16, 2018
387. Dyson K, Brown S, May S, Koster R, Beesems S, Kuisma M, Salo K, Finn J, Sterz F, Nurnberger A, Karen S, Morrison L, Olasveengen T, Callaway C, Do Shin S, Grasner J-T, Daya M, Huei-Ming Ma M,

- Herlitz J, Anneli S, Aufderheide T, Masterson S, Wang H, Christenson J, Stiell I, Vilke G, Nishiyama C, Iwami T, Nichol G. International variation in survival after out-of-hospital cardiac arrest: a validation study of the Utstein template. *Resuscitation*, Sept 2018 130(1):e2-e3.
386. Stiell IG, Clement CM, Aaron S, Borgundvaag B, Brison R, Calder LA, Forster A, McRae A, Perry JJ, Rowe BH, Wells GA, Mielniczuk L. Creation of the Canadian Heart Failure Risk Scale for Acute Heart Failure Patients. *Acad Emerg Med* 2017; (oral abstract presentation). Presented at the Society for Academic Emergency Medicine, Orlando, FL. May 16-19, 2017.
385. Yan J, Hamelin A, VanAarson K, Columbus M, Wells GA, Stiell IG. Risk factors for recurrent emergency department visits for hyperglycemia in patients with diabetes mellitus. *Acad Emerg Med* 2017; Presented at the Society for Academic Emergency Medicine, Orlando, FL. May 16-19, 2017.
384. Hendin A, Eagles D, Myers V, Stiell IG. Characteristics and Outcomes of Older Emergency Department Patients Assigned a Low Acuity Triage Score. *Acad Emerg Med* 2017; Presented at the Society for Academic Emergency Medicine, Orlando, FL. May 16-19, 2017.
383. Lipinski L, Eagles D, Fischer L, Mielniczuk L, Stiell IG. Heart Failure and Palliative Care in the Emergency Department. *Acad Emerg Med* 2017; Presented at the Society for Academic Emergency Medicine, Orlando, FL. May 16-19, 2017.
382. Kudenchuk PJ, Daya M, Leroux B, Rea T, Nichol G, Morrison LJ, Vaillancourt C, Wittwer L, Callaway CW, Christenson J, Egan D, Ornato JP, Weisfeldt ML, Stiell IG, Idris AG, Aufderheide TP, Dumford JV, Colella MR, Vilke GM, Brienza AM, Desvigne-Nickens P, Gray P, Gray R, Seals N, Strait R, Dorian P. Antiarrhythmic Drugs for Shock Refractory Secondary Ventricular Fibrillation Following Initial Nonshockable Out-of-Hospital Cardiac Arrest: The Resuscitation Outcomes Consortium Amiodarone, Lidocaine or Placebo Study. 2016 AHA Late-Breaking Resuscitation Science Abstracts. *Circulation* Dec 20, 2016 : e717.
381. Vaillancourt C, Charette M, Sinclair J, Maloney J, Dionne R, Kelly P, Wells GA, Stiell IG. Implementation of the Canadian C-Spine Rule by Paramedics: A Safety Evaluation. NAEMSP Scientific Assembly, New Orleans, LA January 24-27, 2017. *Prehospital Emergency Care*. 2017;21:96
380. Vaillancourt C, Kasaboski A, Charette M, Calder LA, Boyle L, Nakao S, Crete D, Kline M, Krauter B, Kristensen N, Wells GA, Stiell IG. Implementation of an educational program to improve the cardiac arrest diagnostic accuracy of ambulance communication officers: a concurrent control before-after study. NAEMSP Scientific Assembly, New Orleans, LA January 24-27, 2017. *Prehospital Emergency Care*. 2017;21:106
379. Yan JW, Gushulak KM, Columbus MP, Hamelin AL, Stiell IG. Sentinel visits in emergency department patients with diabetes mellitus as a warning sign for hyperglycemic emergencies. (abstract). Accepted for oral presentation at the Society for Academic Emergency Medicine (SAEM), New Orleans, LA May 2016. *Acad Emerg Med* 2016.
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366. Thiruganasambandamoorthy V, Mukarram M, Arcot K, Kwong K, Sivilotti MLA, Rowe BH, McRae A, Stiell IG, Taljaard M, Wells GA. Predicting Short-Term Arrhythmia or Death among Emergency Department Patients with Syncope: The Canadian Syncope Arrhythmia Risk Score. Presented at the Canadian Association of Emergency Physicians (CAEP) Annual Scientific Meeting, Quebec City, QC, Canada. June 2016. CJEM 2016.
365. Charbonneau V, Stiell IG, Kwok E, Boyle L. Impact of Emergency Department Surge and End of Shift on Patient Workup and Treatment Prior to Referral to Internal Medicine. Presented at the Canadian Association of Emergency Physicians (CAEP) Annual Scientific Meeting, Quebec City, QC, Canada. June 2016. CJEM 2016.
364. Lacroix L, Stiell IG, Thurgur L, Orkin A. Emergency department physician attitudes and perceived barriers to the implementation of take-home naloxone programs in Canadian emergency departments.
363. Yan JW, Gushulak KM, Columbus MP, Hamelin AL, Stiell IG. Sentinel visits in emergency department patients with diabetes mellitus as a warning sign for hyperglycemic emergencies. Presented at the

- Canadian Association of Emergency Physicians (CAEP) Annual Scientific Meeting, Quebec City, QC, Canada. June 2016. CJEM 2016.
362. Stiell IG; Clement CM; Aaron S; Borgundvaag B; Brison R; Calder LA; Forster A; McRae A; Perry JJ; Rowe BH; Wells GA. Prospective Study to Revise the Ottawa Heart Failure Risk Scale. CJEM 2015 (abstract presentation oral) at the Canadian Association of Emergency Physicians Annual Scientific Meeting, Edmonton, AB, Canada. June 2015. Can J Emerg Med. 2015; 17(2)S17.
 361. Stiell IG; Clement CM; Aaron S; Borgundvaag B; Brison R; Calder LA; Forster A; McRae A; Perry JJ; Rowe BH; Wells GA. Prospective Clinical Validation of the Ottawa COPD Risk Scale. CJEM 2015 (abstract presentation oral) at the Canadian Association of Emergency Physicians Annual Scientific Meeting, Edmonton, AB, Canada. June 2015. . Can J Emerg Med. 2015; 17(2)S16.
 360. Fabian JC, Vaillancourt C, Smaggus K, Stiell IG, Maloney J, Dowlatshahi D. Can Prehospital Activation of a “Stroke Code” Decrease Time to Thrombolysis? CJEM 2015 (abstract presentation oral) at the Canadian Association of Emergency Physicians Annual Scientific Meeting, Edmonton, AB, Canada. June 2015. Can J Emerg Med. 2015; 17(2)S23.
 359. Helman AD, McLeod SL, Dear TE, Stiell IG, Lee S, Borgundvaag B. A survey to assess knowledge, perceptions and use of Canadian clinical decision rules using a FOAMed podcast as a medium for knowledge translation. Can J Emerg Med. 2015; 17(2)S44.
 358. de Wit K, Bahl B, Stiell IG. Intracranial bleeding time trends and the impact of the new oral Anticoagulants. Can J Emerg Med. 2015; 17(2)S29.
 357. Chekes S, Schmicker R, Rea T, Powell J, Drennan I, Kudenchuk P, Vaillancourt C, Conway W, Stiell IG, STubb D, Davis D, Alexander NM, Christenson J. The impact of chest compression fraction on clinical outcomes from shockable out-of-hospital cardiac arrest during the Resuscitation Outcomes Consortium (ROC) PRIMED trial. CJEM 2015 (abstract presentation oral) at the Canadian Association of Emergency Physicians Annual Scientific Meeting, Edmonton, AB, Canada. June 2015. CJEM 2014;16(1):S13.
 356. Thiruganasambandamoorthy V, Ramaekers R, Rahman O, Stiell IG, Kim S-M; Sikora L; Kelly S-L, Claret P-G, Reed M, Christ M. Prognostic Value of Cardiac Biomarkers in the Risk-Stratification of ED Syncope - A Systematic Review. Submitted for presentation at Canadian Association of Emergency Physicians (CAEP) Annual Scientific Meeting, Edmonton, AB, Canada June 2015. Can J Emerg Med. 2015; 17(2)S5.
 355. Thiruganasambandamoorthy V; Kwong K; Taljaard M; Sivilotti MLA; Rowe BH; Sheldon R; Wells GA; Stiell IG. The Canadian Syncope Risk Score to Identify Patients at Risk for Serious Adverse Events after Emergency Department Disposition. (abstract). Submitted for presentation at Canadian Association of Emergency Physicians (CAEP) Annual Scientific Meeting, Edmonton, AB, Canada June 2015. Can J Emerg Med. 2015; Can J Emerg Med. 2015; 17(2)S6.
 354. Thiruganasambandamoorthy V; Kwong K; Stiell IG; Swampillai J; Toarta C; Mukarram M; Taljaard M; Wells GA; Sheldon R. Short-Term Risk of Arrhythmias among Emergency Department Syncope Patients with Non-Sinus Rhythm. (abstract). Submitted for presentation at Canadian Association of Emergency Physicians (CAEP) Annual Scientific Meeting, Edmonton, AB, Canada June 2015. Can J Emerg Med. 2015; 17(2)S11.
 353. Thiruganasambandamoorthy V; Taljaard M; Stiell IG; Sivilotti MLA; Rowe BH; Calder LA; Sheldon R; Wells GA. Emergency Department Management of Syncope - Need for Standardization and Improved Risk-Stratification (abstract). Submitted for presentation at Canadian Association of Emergency Physicians (CAEP) Annual Scientific Meeting, Edmonton, AB, Canada June 2015. Can J Emerg Med. 2015; 17(2)S39.
 352. Hale M, Stiell IG. ED Management of Heart Failure and COPD: A National Survey of Attitudes and Practice. CJEM 2015 (abstract presentation oral) at the Canadian Association of Emergency Physicians Annual Scientific Meeting, Edmonton, AB, Canada. June 2015. Can J Emerg Med. 2015; Can J Emerg Med. 2015; 17(2)S7.
 351. McColl T, Gatien M, Calder LA, Yadav K, Tam R, Ong M, Taljaard M, Stiell IG. Improved Survival with Implementation of an Emergency Department Sepsis Bundle: A Process Improvement Initiative. CJEM 2015 (abstract presentation oral) at the Canadian Association of Emergency Physicians Annual Scientific Meeting, Edmonton, AB, Canada. June 2015. Can J Emerg Med. 2015; 17(2)S40.

350. Yadav K, Gatién M, Corrales-Medina V, Stiell IG. Treatment Decision For Skin And Soft Tissue Infections In The Emergency Department. CJEM 2015 (abstract presentation oral) at the Canadian Association of Emergency Physicians Annual Scientific Meeting, Edmonton, AB, Canada. June 2015. Can J Emerg Med. 2015; 17(2):S87.
349. Perry JJ, Sivilotti MLA; Sutherland J; Hohl C; Emond M; Wells GA; Lesiuk H; Stiell IG. Prospective Validation of the Ottawa Subarachnoid Hemorrhage Rule in Headache Patients. ** The Top 4 Research Abstracts. CJEM 2014;16(1):S20 (abstract presentation) (Plenary) at Canadian Association of Emergency Physicians (CAEP) 2014 Annual Conference, Ottawa, ON. May 31-June 4, 2014.
348. Stiell IG, Clement CM; Aaron S; Borgundvaag B; Brison R; Calder LA; Forster A; McRae A; Perry JJ; Rowe BH; Wells GA. Prospective Validation of the Ottawa Heart Failure Risk Scale. CJEM 2014;16(1):S34 (abstract presentation oral) at the Canadian Association of Emergency Physicians Annual Scientific Meeting, Ottawa, ON, Canada. June 2014.
347. Stiell, IG, Clement CM; Lowe M; Daine C; Miller J; Bailey B; Posselwhite K; Armstrong S; Langlais J; Ruddy K; Thorne S; Armstrong A. Multicentre Implementation of the Canadian C-Spine Rule by Emergency Department Triage Nurses. CJEM 2014;16(1):S44 (abstract presentation oral) at the Canadian Association of Emergency Physicians Annual Scientific Meeting, Ottawa, ON, Canada. June 2014.
346. Woo MY; Moore S; Bradley J; Liew A; Lalonde A; Stiell IG. Pilot Prospective Cohort Study for the Use of Ultrasound Guided 3 in 1 Femoral Nerve Blocks in a Tertiary Care Emergency Department in Patients Presenting with a Hip Fracture. CJEM 2014;16(1):S41(abstract presentation oral) at the Canadian Association of Emergency Physicians Annual Scientific Meeting, Ottawa, ON, Canada. June 2014.
345. Vaillancourt C; Charette M; Sinclair J; Wells GA; Stiell IG. Safety Evaluation of the Canadian C-Spine Rule for Selective C-Spine Immobilization by Paramedics in the Field. CJEM 2014;16(1):S29(abstract presentation oral) at the Canadian Association of Emergency Physicians Annual Scientific Meeting, Ottawa, ON, Canada. June 2014.
344. Calder LA, Larocque N, Calder-Sprackman S, Cagaanan R, Zlepniq J, Cwinn AA, Stiell IG, Forster A. Efficacy of phone follow-up in reducing adverse events in the emergency department: a pilot project. CJEM 2014;16(1):S42 (abstract presentation oral) at the Canadian Association of Emergency Physicians Annual Scientific Meeting, Ottawa, ON, Canada. June 2014.
343. Eagles D; Otal D; Sinha SK; Wells GA; Stiell IG. Performance of the Ottawa 3DY Scale as a Screening Tool for Impaired Mental Status in Elderly Emergency Department Patients. CJEM 2014;16(1):S56 (abstract presentation poster) at the Canadian Association of Emergency Physicians Annual Scientific Meeting, Ottawa, ON, Canada. June 2014.
342. Alqurashi W, Stiell I, Chan K, Neto G, Wells G. Epidemiology and Clinical Predictors of Biphasic Reactions in Children with Anaphylaxis. CJEM 2014;16(1):S77 (abstract presentation poster) at the Canadian Association of Emergency Physicians Annual Scientific Meeting, Ottawa, ON, Canada. June 2014.
341. Stiell IG, Smaggus K, Clement CM, Sharma M, Socha D, Sivilotti MLA, Perry JJ, Lumsden J, Martin C, Trickett J. Implementation of the Revised Provincial Acute Stroke Redirect Protocol in Urban and Rural Settings. Canadian Stroke Congress Meeting (oral presentation) Montreal, QC., October 2013.
340. Perry JJ, Losier J, Sutherland J, Stiell IG, Sharma M. National Survey of Emergency Physicians for TIA Risk Stratification Consensus and Appropriate Treatment for a Given Level of Risk. Canadian Stroke Congress Meeting (poster presentation) Montreal, QC., October 2013.
339. Stiell IG, Brown S, Callaway CW, Aufderheide TP, Cheskes S, Vaillancourt C, Hostler D, Davis DP, Idris A, Christenson J, Morrison L, Stouffer J, Free C. What is the Optimal Chest Compression Depth during Out-of-Hospital Cardiac Arrest Resuscitation of Adult Patients? Can J Emerg Med 2013;15(1):S4 (Abstract). Presented at the Canadian Association of Emergency Physicians Annual Scientific Meeting, Vancouver, BC, Canada, June 2013.
338. Stiell IG, Smaggus K, Clement CM, Sharma M, Socha D, Sivilotti MLA, Perry JJ, Lumsden J, Martin C, Trickett J. Implementation of the Revised Provincial Acute Stroke Redirect Protocol in Urban and Rural Settings. Can J Emerg Med 2013;15(1):S9 (Abstract). Presented at the Canadian Association of Emergency Physicians Annual Scientific Meeting, Vancouver, BC, Canada, June 2013.

337. Hendin A, Clement CM, Stiell IG. Prospective Evaluation of a 20 Metre Walk Test in Elderly Emergency Department Patients. *Can J Emerg Med* 2013;15(1):S10 (Abstract). Presented at the Canadian Association of Emergency Physicians Annual Scientific Meeting, Vancouver, BC, Canada, June 2013.
336. Stiell IG, Clement CM, Brison R, Lang E, Rowe BH, Borgundvaag B, Birnie D, Perry JJ, Eagles D, Dorian P, Redfearn D, Wyse G, Wells GA. Correlates of 30-Day Adverse Events for ED Patients with Recent-onset Atrial Fibrillation and Flutter (RAFF). *Can J Emerg Med* 2013;15(1):S11 (Abstract). Presented at the Canadian Association of Emergency Physicians Annual Scientific Meeting, Vancouver, BC, Canada, June 2013.
335. Willmore A, Dionne R, Maloney J, Ouston E, Stiell IG. A Before-After Study to Evaluate the Effectiveness and Usefulness of Prehospital Non-Invasive Ventilation in an Urban Setting. *Can J Emerg Med* 2013;15(1):S36 (Abstract). Presented at the Canadian Association of Emergency Physicians Annual Scientific Meeting, Vancouver, BC, Canada, June 2013.
334. Ott M, Woo MY, Grainger R, Stiell IG. The Use of Tranexamic Acid for Bleeding Trauma Patients at a Canadian Academic Trauma Centre. *Can J Emerg Med* 2013;15(1):S43 (Abstract). Presented at the Canadian Association of Emergency Physicians Annual Scientific Meeting, Vancouver, BC, Canada, June 2013.
333. Amin Q, Perry JJ, Stiell IG, Mohapatara S, Rodger M. Assessing Ambulatory Vital Signs in the Work-up of Pulmonary Embolism by Way of a Standardized 3-minute Walk-test. *Can J Emerg Med* 2013;15(1):S32 (Abstract). Presented at the Canadian Association of Emergency Physicians Annual Scientific Meeting, Vancouver, BC, Canada, June 2013.
332. Perry JJ, Losier J, Sutherland J, Stiell IG, Sharma M. National Survey of Emergency Physicians for TIA Risk Stratification Consensus and Appropriate Treatment for a Given Level of Risk. *Can J Emerg Med* 2013;15(1):S9 (Abstract). Presented at the Canadian Association of Emergency Physicians Annual Scientific Meeting, Vancouver, BC, Canada, June 2013. Winner, top medical student project award.
331. Perry JJ, Alyahya B, Sivilotti MLA, Bullard MJ, Émond M, Sutherland J, Worster A, Hohl C, Lee JS, Eisenhauer M, Pauls M, Lesiuk H, Wells GA, Stiell IG. A Prospective Cohort Study to Differentiate Traumatic Tap from True Subarachnoid Hemorrhage. *Can J Emerg Med* 2013;15(1):S2 (Abstract). Presented at the Canadian Association of Emergency Physicians Annual Scientific Meeting, Vancouver, BC, Canada, June 2013. 2nd place, plenary presentation.
330. Froats M, Reed A, Dionne R, Maloney J, Burns R, Stiell IG. Assessment of Adverse Events in a Primary Care Paramedic ST-Elevation Myocardial Infarction Bypass Program in a Large Rural Area. *Can J Emerg Med* 2013;15(1):S15 (Abstract). Presented at the Canadian Association of Emergency Physicians Annual Scientific Meeting, Vancouver, BC, Canada, June 2013.
329. Vaillancourt C, Kasaboski A, Charette M, Grimshaw J, Brehaut J, Osmond M, Stiell IG, Wells GA. A Delphi Process to Identify Interventions to Improve Bystander CPR Rates Among Canadian Seniors. *Can J Emerg Med* 2013;15(1):S6 (Abstract). Presented at the Canadian Association of Emergency Physicians Annual Scientific Meeting, Vancouver, BC, Canada, June 2013.
328. Yoo JH, Eagles D, Clement C, Stiell IG. A Prospective Evaluation of the Treatment Preferences of ED Patients with Recent-onset Atrial Fibrillation and Flutter (RAFF). *Can J Emerg Med* 2013;15(1):S12 (Abstract). Presented at the Canadian Association of Emergency Physicians Annual Scientific Meeting, Vancouver, BC, Canada, June 2013.
327. Thiruganasambandamoorthy V, Vaidyanathan A, Calder LA, Donici V, Wells GA, Stiell IG. Adverse Outcomes in ED Pre-Syncope Patients: A Prospective Cohort Study. *Can J Emerg Med* 2013;15(1):S4 (Abstract). Presented at the Canadian Association of Emergency Physicians Annual Scientific Meeting, Vancouver, BC, Canada, June 2013.
326. Kwok ESH, Dionne R, Maloney J, Picard-Stencer D, Beland C, Poulin C, Keleher B, Stiell IG. Availability of Prehospital Information at Point of Care in the ED and the Utility of a Structured Triage Nursing Extraction Tool - A Before and After Study. *Can J Emerg Med* 2013;15(1):S30 (Abstract). Presented at the Canadian Association of Emergency Physicians Annual Scientific Meeting, Vancouver, BC, Canada, June 2013.
325. Thiruganasambandamoorthy V, Vaidyanathan A, Calder LA, Ladouceur P, Wells GA, Stiell IG. Prospective Syncope Study: Outcomes in Canadian ED Syncope Patients *Can J Emerg Med*

- 2013:15(1):S15 (Abstract). Presented at the Canadian Association of Emergency Physicians Annual Scientific Meeting, Vancouver, BC, Canada, June 2013.
324. Thiruganasambandamoorthy V, Turko E, Ansell D, Vaidyanathan A, Wells GA, Stiell IG. Risk Factors for Serious Underlying Pathology in Adult Emergency Department Non-Traumatic Low Back Pain Patients. *Can J Emerg Med* 2013:15(1):S39 (Abstract). Presented at the Canadian Association of Emergency Physicians Annual Scientific Meeting, Vancouver, BC, Canada, June 2013.
323. Hill D, Pozgay A, Frank JR, Stiell I. Musculoskeletal Education in Emergency Medicine Residency: Perceived Needs of Residents and Program Directors. *Can J Emerg Med* 2013:15(1):S56 (Abstract). Presented at the Canadian Association of Emergency Physicians Annual Scientific Meeting, Vancouver, BC, Canada, June 2013.
322. Stiell IG, Clement CM, Calder LA, Rowe BH, Perry JJ, Brison RJ, Borgundvaag B, Aaron SD, Lang E, Forster AJ, Wells GA. The Usefulness of the 3-Minute Walk Test in Predicting Adverse Outcomes in ED Patients with Heart Failure and COPD. *Can J Emerg Med* 2012 (Abstract). Presented at the Canadian Association of Emergency Physicians Annual Scientific Meeting, Niagara Falls, Ontario, Canada. June 2012.
321. Yoo JH, Eagles D, Clement CM, Stiell IG. Validation of the ED RAFF Scale Over Time in Patients with Recent-Onset Atrial Fibrillation or Flutter. *Can J Emerg Med* 2012 (Abstract). Presented at the Canadian Association of Emergency Physicians Annual Scientific Meeting, Niagara Falls, Ontario, Canada. June 2012.
320. Tam RDH, Perry JJ, Stiell IG, Sutherland J, Sivilotti MLA, Emond M, Worster A, Stotts G, Sharma M. Clinical Characteristics of Emergency Patients Presenting with Transient Ischemic Attack (TIA) in the Setting of Atrial Fibrillation. *Can J Emerg Med* 2012 (Abstract). Presented at the Canadian Association of Emergency Physicians Annual Scientific Meeting, Niagara Falls, Ontario, Canada. June 2012.
319. Perry JJ, Stiell IG, Sivilotti MLA, Bullard M, Sutherland J, Hohl C, Emond M, Symington C, Worster A, Lee J, Mackey D, Pauls M, Lesiuk H, Wells GA. Validation and Refinement of a Clinical Decision Rule for Subarachnoid Hemorrhage in Emergency Department Patients with Headache. *Can J Emerg Med* 2012 (Abstract). Presented at the Canadian Association of Emergency Physicians Annual Scientific Meeting, Niagara Falls, Ontario, Canada. June 2012.
318. Heipel H, Sharma M, Stiell IG, Sutherland J, Sivilotti MLA, Émond M, Worster A, Stotts G, Perry JJ. Clinical Characteristics Associated with Moderate to Severe Carotid Stenosis or Dissection in Transient Ischemic Attack Patients Presenting to the Emergency Department. *Can J Emerg Med* 2012 (Abstract). Presented at the Canadian Association of Emergency Physicians Annual Scientific Meeting, Niagara Falls, Ontario, Canada. June 2012.
317. Perry JJ, Sharma M, Sivilotti MLA, Sutherland J, Symington C, Émond M, Worster A, Stotts G, Wells GA, Stiell IG. A Prospective Cohort Study to Derive the Canadian TIA Score for Identification of Subsequent Stroke Risk within 7 Days. *Can J Emerg Med* 2012 (Abstract). Presented at the Canadian Association of Emergency Physicians Annual Scientific Meeting, Niagara Falls, Ontario, Canada. June 2012.
316. Stiell IG, Clement CM, Rowe BH, Calder LA, Borgundvaag B, Aaron SD, Lang E, Brison RJ, Perry JJ, Forster AJ, Wells GA. Quantitative B-type Natriuretic Peptide Values for Stratifying Risk of Poor Outcomes in ED Patients with Heart Failure. *Can J Emerg Med* 2012 (Abstract). Presented at the Canadian Association of Emergency Physicians Annual Scientific Meeting, Niagara Falls, Ontario, Canada. June 2012.
315. Lai AL, Tenpenny E, Nestler D, Hess EP, Stiell IG. Comparison of Management and Outcomes of ED Patients with Acute Decompensated Heart Failure Between the United States and Canada. *Can J Emerg Med* 2012 (Abstract). Presented at the Canadian Association of Emergency Physicians Annual Scientific Meeting, Niagara Falls, Ontario, Canada. June 2012.
314. Pan A, Stiell IG, Dionne R, Maloney J. The Use of Furosemide in the Pre-hospital Setting for the Treatment of Heart Failure. *Can J Emerg Med* 2012 (Abstract). Presented at the Canadian Association of Emergency Physicians Annual Scientific Meeting, Niagara Falls, Ontario, Canada. June 2012.
313. Yeung M, Cwinn AA, Lee C, Frank JR, Stiell IG. Community Emergency Medicine Outreach (CEMO): Evaluation of a CME Program for Physicians in Rural Practice. *Can J Emerg Med* 2012 (Abstract).

- Presented at the Canadian Association of Emergency Physicians Annual Scientific Meeting, Niagara Falls, Ontario, Canada. June 2012.
312. Woo MY, Cwinn AA, Stiell IG. Needs Assessment for Telephone Consultation Guidelines for Emergency Physicians. *Can J Emerg Med* 2012 (Abstract). Presented at the Canadian Association of Emergency Physicians Annual Scientific Meeting, Niagara Falls, Ontario, Canada. June 2012.
311. Pageau P, Woo MY, Stiell IG, Tashkandi M, Spacek A, Frank JR. A Controlled Trial of Traditional Versus Web-Based Teaching of Point-of-Care Ultrasound to Medical Students. *Can J Emerg Med* 2012 (Abstract). Presented at the Canadian Association of Emergency Physicians Annual Scientific Meeting, Niagara Falls, Ontario, Canada. June 2012.
310. Worrall JC, Gatién M, Stiell IG. Inter-Physician Variability in CT Use at an Academic Emergency Department. *Can J Emerg Med* 2012 (Abstract). Presented at the Canadian Association of Emergency Physicians Annual Scientific Meeting, Niagara Falls, Ontario, Canada. June 2012.
309. Jiang Y, Tierney S, Stiell IG, Forster A, Calder LA. A Patient Safety Analysis of the Emergency Assessment of Patients with Acute Heart Failure and Exacerbations of Chronic Obstructive Pulmonary Disease: a Multicenter Cohort Study. *Can J Emerg Med* 2012 (Abstract). Presented at the Canadian Association of Emergency Physicians Annual Scientific Meeting, Niagara Falls, Ontario, Canada. June 2012.
308. Vaillancourt C, Kasaboski A, Charette M, Morrow S, Wells GA, Stiell IG. Impact of Dispatch-Assisted CPR Instructions on Bystander CPR and Survival Rates: A Before-After Multi-Centre Study. *Can J Emerg Med* 2011;13(3):187 (Abstract). Presented at the Canadian Association of Emergency Physicians Annual Scientific Meeting, Newfoundland, Canada, June 2011
307. Vaillancourt C, Charette M, Jensen JL, Tweedle J, Kasaboski A, Grimshaw J, Brehaut J, Osmond MH, Wells GA, Stiell IG. Factors Associated with the Successful Recognition of Agonal Breathing and Cardiac Arrest by 9-1-1 Communications Officers: A National Survey. *Can J Emerg Med* 2011;13(3):191 (Abstract). Presented at the Canadian Association of Emergency Physicians Annual Scientific Meeting, Newfoundland, Canada, June 2011
306. Vaillancourt C, Kasaboski A, Tweedle J, Jensen JL, Charette M, Grimshaw J, Brehaut J, Osmond MH, Wells GA, Stiell IG. Factors Influencing the Intentions of Nurses and Respiratory Therapists to use Automated External Defibrillators During In-Hospital Cardiac Arrests: An institutional survey. *Can J Emerg Med* 2011;13(3):173 (Abstract). Presented at the Canadian Association of Emergency Physicians Annual Scientific Meeting, Newfoundland, Canada, June 2011
305. Vaillancourt C, Kasaboski A, Charette M, Hoad M, Larocque V, Crête D, Logan S, Lamoureux P, McBride J, Wells GA, Stiell IG. Effectiveness of Dispatch-assisted CPR Instructions: A Prospective Multi-centre Study. *Can J Emerg Med* 2011;13(3):182 (Abstract). Presented at the Canadian Association of Emergency Physicians Annual Scientific Meeting, Newfoundland, Canada, June 2011
304. Vaillancourt C, Charette M, Kasaboski A, Cheskes S, Wells GA, Stiell IG. Cardiac Arrest Diagnostic Accuracy of 9-1-1 Communication Officers: A Prospective Multi-Centre Study. *Can J Emerg Med* 2011;13(3):184 (Abstract). Presented at the Canadian Association of Emergency Physicians Annual Scientific Meeting, Newfoundland, Canada, June 2011
303. Yeung M, Kozar WJ, Sundaresan S, Cwinn AA, Stiell IG. ED Management of Non-traumatic Pneumothorax using a Small-bore “Pigtail” Chest Catheter. *Can J Emerg Med* 2011;13(3):204 (Abstract). Presented at the Canadian Association of Emergency Physicians Annual Scientific Meeting, Newfoundland, Canada, June 2011
302. Stiell IG, Clement CM, Rowe BH, Brison RJ, Lang E, Borgundvaag B, Aaron S, Calder LA, Perry JJ, Forster A, Wells GA. A Prediction Rule for Emergency Department Patients with Chronic Obstructive Pulmonary Disease. *Can J Emerg Med* 2011;13(3):174 (Abstract). Presented at the Canadian Association of Emergency Physicians Annual Scientific Meeting, Newfoundland, Canada, June 2011
301. Stiell IG, Clement CM, Rowe BH, Brison RJ, Borgundvaag B, Aaron S, Lang E, Calder LA, Perry JJ, Forster A, Wells GA. Canadian Heart Failure Risk Scale To Identify Emergency Department Patients With Heart Failure At High Risk For Serious Adverse Events. *Can J Emerg Med* 2011;13(3):176 (Abstract). Presented at the Canadian Association of Emergency Physicians Annual Scientific Meeting, Newfoundland, Canada, June 2011

300. Blecher GE, Stiell IG, Clement CM, Brison RJ, Rowe BH, Borgundvaag B, Langan T, Lang E, Magee K, Stenstrom R, Perry JJ, Birnie D, Wells GA. Use Of Rate Control Medication Before Cardioversion Of Recent-Onset Atrial Fibrillation Or Flutter In The Emergency Department Is Associated With Reduced Success Rates. *Can J Emerg Med* 2011;13(3):191 (Abstract). Presented at the Canadian Association of Emergency Physicians Annual Scientific Meeting, Newfoundland, Canada, June 2011
299. Stiell IG, Clement CM, Brehaut J, Grimshaw J, O'Connor A, Perry JJ, Wells GA, MacKenzie T, Beland C, Davies B. Implementation of a C-Spine Clearance Protocol by Emergency Department Nurses. *Can J Emerg Med* 2011;13(3):175 (Abstract). Presented at the Canadian Association of Emergency Physicians Annual Scientific Meeting, Newfoundland, Canada, June 2011
298. Perry JJ, Sharma M, Sivilotti MLA, Sutherland J, Worster A, Stotts G, Emond M, Stiell IG. Antithrombotic Use in the Emergency Department in Patients with Transient Ischemic Attack. *Can J Emerg Med* 2011;13(3):180 (Abstract). Presented at the Canadian Association of Emergency Physicians Annual Scientific Meeting, Newfoundland, Canada, June 2011
297. Wasserman J, Perry JJ, Dowlathshahi D, Stotts G, Sivilotti MLA, Worster A, Emond M, Sutherland J, Stiell IG, Sharma M. The Addition of CT Imaging to the ABCD2 Score Improves the Ability to Identify Individuals at Medium and High Risk of Stroke *Can J Emerg Med* 2011;13(3):180 (Abstract). Presented at the Canadian Association of Emergency Physicians Annual Scientific Meeting, Newfoundland, Canada, June 2011
296. Wasserman J, Perry JJ, Dowlathshahi D, Stotts G, Sivilotti MLA, Worster A, Emond M, Sutherland J, Stiell IG, Sharma M. Computer tomography identifies patients at high risk for stroke after transient ischemic attack: a prospective, multi-centre cohort study. *Can J Emerg Med* 2011;13(3):174 (Abstract). Presented at the Canadian Association of Emergency Physicians Annual Scientific Meeting, Newfoundland, Canada, June 2011
295. Wasserman J, Perry JJ, Dowlathshahi D, Stotts G, Sivilotti MLA, Worster A, Emond M, Sutherland J, Stiell IG, Sharma M. Transient Isolated Dysphasia is Associated With a High Rate of Potential Cardiac Sources for Embolism. *Can J Emerg Med* 2011;13(3):196 (Abstract). Presented at the Canadian Association of Emergency Physicians Annual Scientific Meeting, Newfoundland, Canada, June 2011
294. Worrall JC, Jama S, Stiell IG. Radiation Doses to Emergency Department Patients Undergoing Computed Tomography. *Can J Emerg Med* 2011;13(3):199 (Abstract). Presented at the Canadian Association of Emergency Physicians Annual Scientific Meeting, Newfoundland, Canada, June 2011
293. Wilding LJY, Stiell IG, Molnar F, O'Brien J-A, Moors J, Dalziel WB. Assessing Cognition in the Emergency Department: Prospective Validation of the Ottawa 3DY Case Finding Tool with Animal Fluency Test. *Can J Emerg Med* 2011;13(3):177 (Abstract). Presented at the Canadian Association of Emergency Physicians Annual Scientific Meeting, Newfoundland, Canada, June 2011
292. Eagles D, Yoo JH, Clement CM, Stiell IG. Development of a Symptom Specific Quality of Life Scale in Emergency Department Patients with Recent Onset Atrial Fibrillation/Flutter. *Can J Emerg Med* 2011;13(3):179 (Abstract). Presented at the Canadian Association of Emergency Physicians Annual Scientific Meeting, Newfoundland, Canada, June 2011.
291. Gagne A, Stiell IG, Forster A, Calder LA. Analysis of Adverse Events in Patients Presenting to the Emergency Department with Acute Respiratory Distress. *Can J Emerg Med* 2011;13(3):186 (Abstract). Presented at the Canadian Association of Emergency Physicians Annual Scientific Meeting, Newfoundland, Canada, June 2011.
290. Tierney S, Stiell IG, Forster A, Calder LA. Adherence to Clinical Practice Guidelines for the Emergency Management of Congestive Heart Failure, Acute Exacerbations of Chronic Obstructive Pulmonary Disease, and Community Acquired Pneumonia. *Can J Emerg Med* 2011;13(3):192 (Abstract). Presented at the Canadian Association of Emergency Physicians Annual Scientific Meeting, Newfoundland, Canada, June 2011.
289. Rowe BH, Singh M, Vila-Roel C, Edmonds M, Lang E, Sivilotti M, Scheuermeyer F, Worster A, Riley J, Afilalo M, Stiell I, Campbell S. Differences in outcome for adult patients presenting with hypoglycemia: a Canadian multicentre study. *Can J Emerg Med* 2011;13(3):205 (Abstract). Presented at the Canadian Association of Emergency Physicians Annual Scientific Meeting, Newfoundland, Canada, June 2011.
288. Clement CM, Stiell IG, MacKenzie T, Beland C, Sheehan P, Brehaut J, Sheehan C, O'Connor A, Davies B. Perceived Facilitators and Barriers to Implementation of a C-Spine Clearance Protocol by Emergency

- Department Nurses. *Can J Emerg Med* 2011;13(3):177 (Abstract). Presented at the Canadian Association of Emergency Physicians Annual Scientific Meeting, Newfoundland, Canada, June 2011.
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