

## **CURRICULUM VITAE**

### **NAME**

Monica Taljaard  
Full Professor, non-tenured  
Member of School of Graduate Studies and Research: Yes

### **DEGREES**

Ph.D., University of Western Ontario, Epidemiology and Biostatistics, March 2006  
M.Com., University of South Africa, Statistics, September 1997  
BA, University of Pretoria, South Africa, December 1993

### **EMPLOYMENT HISTORY**

May 2021 to present:

Senior Scientist, Methodological and Implementation Research, OHRI  
Full Professor, School of Epidemiology and Public Health, University of Ottawa

February 2015 to April 2021:

Senior Scientist, Clinical Epidemiology Program, OHRI  
Associate Professor, School of Epidemiology and Public Health, University of Ottawa

April 2008 to January 2015:

Scientist, Clinical Epidemiology Program, OHRI  
Assistant Professor, Department of Epidemiology and Community Medicine, University of Ottawa

April 2006 to March 2008:

Associate Scientist, Clinical Epidemiology Program, OHRI  
Assistant Professor, Department of Epidemiology and Community Medicine, University of Ottawa

January 2000 to March 2006:

Graduate Teaching Assistant, Epidemiology and Biostatistics, University of Western Ontario

Consultant, Biostatistical Support Unit, University of Western Ontario

January 1994 to December 1999:

Lecturer: Departments of Statistics, University of Port Elizabeth, Vista University and Border Technikon, South Africa

## HONOURS

Awarded the 4<sup>th</sup> Annual Janice Pogue Lectureship, McMaster University and Population Health Research Institute. March 2020.

Nominated for Distinguished Young Professor award, University of Ottawa, 2014

Nominated for distinguished Mentor award, University of Ottawa, 2014

Ontario Graduate Scholarship Research award, University of Western Ontario, 2003-2005

Special University Scholarship research award, University of Western Ontario, 2000-2001

Nominated for Society of Graduate Students Teaching Assistant Award, University of Western Ontario — 2000

Nominated for Society of Graduate Students Teaching Assistant Award, University of Western Ontario — 2001

Canadian Commonwealth Scholarship Research award, University of Western Ontario, 2000

Staff Merit award, University of Port Elizabeth, South Africa, 1999

Medal for best Master's degree, University of South Africa, 1997

Best Honours Student, University of Pretoria, 1992

### **Trainee honours:**

Nov 2022: Dilan Patel: Prize for best MSc thesis in the Faculty of Medicine, University of Ottawa

June 2019: Kristin Danko: Joseph De Koninck Prize for an outstanding doctoral thesis in an interdisciplinary program.

November 2018: Alexandre Tran: Awarded best MSc thesis in the Faculty of Medicine

November 2018: Best Overall Paper – Canadian Committee on Trauma National Paper Competition

November 2018: Resident Research Award and Resident's Choice Award University of Ottawa General Surgery Program

November 2018: Anne Tsampalieros: Awarded best PhD thesis in the Faculty of Medicine

## SCHOLARLY AND PROFESSIONAL ACTIVITIES

### **Membership on External Grant Panels:**

June 2024: Peer reviewer for CANTRAIN: Canadian Consortium of Clinical Trial Training platform. Reviewed 6 applications.

January 2024: Peer reviewer for the Health Data Research Network Canada Pragmatic Trials Training Program. Reviewed 4 applications.

April 2023: External peer reviewer for UK Medical Research Council Methodology Research Panel. Reviewed 1 grant proposal.

June 2022: External peer reviewer for CIHR – reviewed 1 grant proposal

June 2021: Peer reviewer for the CIHR Randomized controlled trials peer review committee: Reviewed 9 grant proposals.

January 2021: Peer reviewer for the CIHR Randomized controlled trials peer review committee: Reviewed 9 grant proposals.

August 2020: Peer reviewer for the CIHR Randomized controlled Trials peer review committee: Reviewed 7 grant proposals.

May 2020: Peer reviewer for the CIHR Operating Grant COVID-19 May 2020 Rapid Research Funding Opportunity. Reviewed 7 grant proposals.

August 2019: External peer reviewer for UK Medical Research Council Methodology Research Panel. Reviewed 1 grant proposal.

May 2019: Member of the CIHR Randomized Controlled Trials peer review committee. Reviewed 7 grant proposals.

November 2018: External peer reviewer for UK Medical Research Council Global Alliance for Chronic Diseases Scale Up call 2018. Reviewed 1 grant proposal.

May 2018: Member of the CIHR Randomized Controlled Trials peer review committee. Reviewed 7 grant proposals

March 2018: Reviewer for the CIHR SPOR Innovative Clinical Trial Multi-Year Grant competition. Reviewed 6 grant proposals.

September 2017: Member of the CIHR Randomized Controlled Trials peer review committee. Reviewed 9 grant proposals.

September 2016: Reviewer for UK Medical Research Council: Methodology Research Panel. Reviewed 1 grant proposal.

March 2016: Reviewer for UK Medical Research Council: Methodology Research Panel. Reviewed 1 grant proposal.

March 2015: Peer reviewer for UK National Institute for Health Research: Health Services and Delivery Research Programme. Reviewed 1 application.

March 2015: Member of the CIHR Randomized Controlled Trials peer review committee. Reviewed 7 grant proposals.

March 2015: Peer reviewer for CIHR: DSEN - Observational Studies

April 2015: Member of the CIHR Canadian HIV Clinical Trials Network Scientific Review Committee. Reviewed 1 protocol.

October 2014: Peer reviewer for the CIHR Foundation Scheme Live Pilot. Reviewed 7 applications.

October 2014: Member of the CIHR Canadian HIV Clinical Trials Network Scientific Review Committee. Reviewed 2 protocols.

April 2014: Member of the CIHR Canadian HIV Clinical Trials Network Scientific Review Committee. Reviewed 1 protocol.

April 2014: Member of the CIHR Canadian HIV Clinical Trials Network Scientific Review Committee. Pilot studies competition. Reviewed 7 protocols.

March 2014: Member of the CIHR Randomized Controlled Trials peer review committee. Reviewed 6 grant proposals.

December 2013: Member of the CIHR Canadian HIV Clinical Trials Network Scientific Review Committee. Reviewed 2 protocols.

September 2013: Member of the CIHR Canadian HIV Clinical Trials Network Scientific Review Committee. Reviewed 2 protocols.

April 2013: Peer reviewer for UK Medical Research Council Jointly Funded Initiatives Full proposal. Reviewed 1 grant proposal.

April 2013: Member of the CIHR Canadian HIV Clinical Trials Network Scientific Review Committee. Reviewed 2 protocols.

April 2012: Member of the CIHR Canadian HIV Clinical Trials Network Scientific Review Committee. Reviewed 2 protocols.

April 2011: Member of the CIHR Canadian HIV Clinical Trials Network Scientific Review Committee. Reviewed 2 protocols.  
March 2010: Member of the CIHR Canadian HIV Clinical Trials Network Scientific Review Committee. Reviewed 1 protocol  
November 2007: Peer reviewer for Policy Research Programme Health Reform Evaluation, Department of Health, United Kingdom.

### **Membership on Internal Grant Panels:**

November 2024: Peer reviewer for OHRI Elevate Seed funding Program – reviewed 16 applications.  
November 2023: Peer reviewer for OHRI Elevate Seed funding Program – reviewed 10 applications  
November 2022: Peer reviewer for OHRI Elevate Seed funding Program– reviewed 17 applications  
November 2022: Peer reviewer for internal review of CIHR Doctoral Research Award: Canada Graduate Scholarships Program – reviewed 15 applications

### **Membership on Editorial Boards:**

July 2019 – Present: Deputy Editor: *Journal of the Society for Clinical Trials*  
Jan 2018 – Present: Member of the Editorial Board: *Trials*  
Oct 2013 – June 2019: Associate Editor: *Journal of the Society for Clinical Trials*  
Aug 2014- Dec 2017: Associate Editor: *Trials*  
Dec 2013 - Nov 2016: Statistical Editor: *Cochrane Effective Practice and Organisation of Care Group*  
Jan 2012 - July 2015: Associate Editor: *BMC Medical Research Methodology*

### **Membership on Advisory Boards**

August 2024 - present. NIHR advanced fellowship external advisory board. *Developing statistical methods for empirically optimising complex interventions: Applying 'Design of Experiments' methods in health and social care*. Principal Investigator: Dr. Rebecca Walwyn, University of Leeds.  
August 2024 – present. PCORI External advisory board: *Promoting Shared Decision Making for Decisions about Treatment of Severe Aortic Stenosis*. PI: Dr. Karen Sepucha, Harvard Medical School.  
January 2024 – December 2027: Advisor for the National Cancer Institute-funded P01 center (PI: Prof. Noel Brewer); Lineberger Comprehensive Cancer Center, Gillings Schools of Global Public Health, University of North Carolina at Chapel Hill.  
November 2023 – Oct 2026: PCORI Stakeholder Advisory Panel. *Causal Mediation Methods for Cluster-Randomized Pragmatic and Implementation Trials*. PI: Prof. Fan Li, Yale University  
March 2023 – Feb 2026. PCORI Stakeholder Advisory Panel. *Toward Improved Design and Analysis of Stepped Wedge Trials: An Estimand-Aligned and Efficiency-Focused Framework*. PI: Prof Fan Li, Yale University.

July 2021 – Nov 2025. PCORI Stakeholder Advisory Panel. *New Methods for Planning Cluster Randomized Trials to Detect Treatment Effect Heterogeneity*. PI: Prof. Fan Li, Yale University

### **Data Safety Monitoring Committees:**

1. May 2024 – Present. *An Interventional Study to Evaluate Treating to a Target of Transmural Healing in Patients with Moderately to Severely Active Crohn's Disease (VECTORS)*. Principal investigator: Vipul Jairath. Role: DSMB member.
2. March 2023 to present: REFIL: Restrictive Fluid management in Liver transplantation. Principal investigator: Dr. Francois Carrier. Role: DSMB member.
3. May 2022 – Present. *Practical Hero: A randomized trial of heparin vs. placebo in patients undergoing cardiac catheterization*. Principal Investigator: Dr. Shahar Lavi, London Health Sciences Centre. Role: DSMB member
4. January 2022 – Present. *Treat-to-Target of Endoscopic Remission in Patients with IBD in Symptomatic Remission (QUOTIENT)*. Principal Investigator: Siddharth Singh, Associate Professor of Medicine, Division of Gastroenterology, Director, Inflammatory Bowel Diseases Center University of California San Diego. Role: DSMB member.
5. January 2020 – December 2024. *FORTIFY trial*. Principal Investigator: Lora Giangregorio, Kinesiology, University of Waterloo. Role: DSMB Chair.
6. December 2019 – Present: *VERDICT: In ActiVE Ulcerative Colitis- A RanDomIzed Controlled Trial for Determination of the Optimal Treatment Target*. Principal Investigator: Vipul Jairath, Robarts Clinical Research. Role: DSMB member.
7. July 2019 – Nov 2023: *National Institutes of Health, Healing Communities Study*. Principal Investigator: Jennifer Villani, NIH National Institute on Drug Abuse (NIDA). Role: DSMB member.
8. July 2018 – Nov 2023: *Hi-Lo: an NIH Health Care Systems Collaboratory UG3/UH3 project funded by the National Institute of Diabetes, Digestive and Kidney Diseases (NIDDK)*. Data Coordinating Center: Duke University; Principal Investigator: Myles Wolf. Role: DSMB member and interim chair.
9. Dec 2017- Jul 2023: *Aqueous-PREP: A Pragmatic Randomized trial Evaluating Pre-operative aqueous antiseptic skin solutions in open fractures*. Principal Investigators: Dr. Gerald Slobogean (University of Maryland) and Sheila Sprague (McMaster University). Funded by the US Department of Defense, Physician Services Incorporated, and McMaster University Surgical Associates. Role: DSMB member.
10. Jan 2014-Dec 2016: *Improving the cardiac arrest diagnostic accuracy of 9-1-1 emergency medical dispatchers*. Principal Investigator: Dr. Christian Vaillancourt, Department of Emergency Medicine, The Ottawa Hospital. Role: DSMB member.
11. Dec 2013- Dec 2018: *Evaluation of an Enhanced Tuberculosis Infection Control Intervention in Healthcare Facilities in Vietnam and Thailand (EnTIC Trial)*. Principal Investigators: Dr. Michele L Pearson, Dr. Charles Heilig, US Centers for Disease Control and Prevention - Division of Tuberculosis Elimination. Role: DSMB member.
12. Oct 2013: *The Prevention of Acute Kidney Injury following Contrast-Enhanced Computed Tomography: A Pilot Trial of Oral Fluid versus Intravenous Saline*. Principal Investigator: Swapnil Hiremath, Assistant Professor from the Division of Nephrology. Role: DSMB member.

13. May 2013: *A Phase I Time-to-Event Continual Reassessment Methodology (TITE-CRM) Dose Escalation Trial of CyberKnife® Stereotactic Body Radiotherapy (SBRT) Boost with Conventional Radiotherapy for Patients with Unresectable Locally Advanced Pancreatic Cancer*. Principal Investigator: Jason R. Pantarotto. Role: DSMB member.
14. Oct 2013: *Efficacy of Pregabalin on Chronic Cough: A double blind, randomized control trial comparing Pregabalin with placebo in patients with non-asthmatic chronic cough*. Principal Investigator: Kayvan Amjadi and Dr. N. Voduc. Role: DSMB member.
15. Oct 2013: *Outpatient pleurodesis using sclerosants (OPUS): Comparing doxycycline pleurodesis to continued drainage with the PleurX catheter system in malignant pleural effusions in the outpatient setting*. Principal Investigator: Kayvan Amjadi, and Nha Voduc. Role: DSMB member.
16. Jan 2013 – Dec 2014: *A randomized, controlled, partially double-blinded, Phase 3, Multi-center trial to determine if Curosurf® reduces the duration of mechanical ventilation in infants 24+0 to 29+6 weeks gestational age*. Principal investigator: Dr. Brigitte Lemyre, MD Children’s Hospital of Eastern Ontario. Role: DSMB member.
17. Sep 2010 – Sep 2011: *Type 1 Diabetes Aerobic and Resistance Exercise (T1-DARE) trial*. Principal investigator: Dr. Ron Sigal, Department of Medicine, Calgary, Alberta. Role: DSMB member.
18. Sep 2010 – Sep 2011: *READI trial (Resistance Exercise in Already-active Diabetic Individuals)*. Principal investigator: Dr. Ron Sigal, Department of Medicine, University of Calgary, Alberta. Role: DSMB member.
19. Jan 2007 – Jul 2007: *Comparison of Antibiotic-only and antibiotic-steroid combination treatment in corneal ulcer patients: A double-blinded, randomized clinical trial*. Principal Investigator: Dr. William Hodge, University of Ottawa Eye Institute. Role: DSMB member.

### **Trial Steering Committees:**

1. August 2024. *The Pregnancy and Postpartum Mental Health Optimization Virtual Intervention Network (MOVIN): Randomized Controlled Trial*. Funded by CIHR. Principal Investigator: Dr. Simone Vigod, Women's College Hospital
2. January 2023 to present: *EQUIPD: An evaluation of Quality Improvement Collaborative align to the National Diabetes Audit (NDA) increases insulin pump use compared to NDA feedback alone*, funded by the UK NIHR funding scheme. Principal Investigator: Dr. Michael Sykes, Northumbria University.
3. January 2020 to present: *E-MOTIVE Trial (Early detection of postpartum haemorrhage and treatment using the World Health Organization MOTIVE ‘first response’ bundle)*. Principal investigator: Arri Coomarasamy. University of Birmingham.
4. May 2019 to present: *PREPARE Trial: a parallel arm multicenter randomized trial of frailty-focused PReoperative Exercise to decrease PostoperAtive complication Rates and disability scorEs*. Principal Investigator: Dr. Dan McIsaac, OHRI
5. June 2016 to Dec 2022: *Implementing shared decision making in interprofessional home care teams*. Principal Investigator: Dr. France Legare, Laval University.
6. Jan 2016 to Jan 2023: *A Pragmatic Strategy Empowering Paramedics to Assess Low-Risk Trauma Patients with the Canadian C-Spine Rule and Selectively Transport them Without Immobilization*. Principal Investigator: Dr. Christian Vaillancourt, Ottawa Hospital Research Institute.

7. Jan 2016 to Dec 2021: *Suicide prevention in men: A cluster randomized control trial of smartphone assisted problem solving therapy compared to usual care in men who present with intentional self-harm to emergency departments*. Principal Investigator: Dr. Simon Hatcher, University of Ottawa.
8. Feb 2018 to Dec 2021: *Evaluation of a Programme for Routine Implementation of Shared Decision-Making in Cancer Care: A Stepped Wedge Cluster Randomized Trial*. Principal Investigator: Dr. Isabelle Scholl, University Medical Center Hamburg in Germany.
9. Nov 2014 to Nov 2017: *Affinitie: The development and evaluation of enhanced audit and feedback interventions to increase the uptake of evidence-based transfusion practice*. Principal Investigator: Dr. Robbie Foy, University of Leeds.
10. June 2009 to Present: *The ENhanced Angiogenic Cell Therapy in Acute Myocardial Infarction Trial - (ENACT-AMI)*. Principal Investigator: Dr. Duncan Stewart, OHRI

### **Thesis Examining and Comprehensive Exam Committees**

1. Eva Kuhar, MSc (Cellular and Molecular Medicine) thesis examiner for transfer to PhD. University of Ottawa. January 2024.
2. Kathryn Walker, PhD (Population Health). Proposal defense examiner. University of Ottawa. December 2023.
3. Darea Lawson: PhD (Health Research Methodology). External thesis examiner, McMaster University. September 2023.
4. Zack Van Allen: PhD (Psychology). Thesis examiner, University of Ottawa. September 2023.
5. Oliva D'Silva: MSc (Epidemiology). Chair of MSc thesis defense. University of Ottawa, August 2023.
6. Jessica Harris McCallum: MSc (Epidemiology). Thesis examiner, University of Ottawa, April 2023.
7. Michael Verret: PhD (Epidemiology): Oral comprehensive examiner, University of Ottawa, September 2022.
8. Yulric Sequeira: MSc (Epidemiology): Research paper examiner, University of Ottawa, School of Epidemiology and Public Health. August 2021.
9. Chair of PhD Thesis defense. Guolong Mo (PhD in Biochemistry). February 2021
10. Adena Pinto: MSc (Epidemiology): Thesis examiner, University of Ottawa, School of Epidemiology and Public Health. October 2020.
11. Stacey Fisher: PhD (Epidemiology) comprehensive examiner, University of Ottawa, School of Epidemiology and Public Health. March 2018.
12. Daniel Barker: PhD (Statistics), Thesis examiner, University of Newcastle, Australia. April 2017.
13. Ian Ball: MSc (Epidemiology and Community Medicine) Thesis examiner, University of Ottawa, November 2015.
14. Brianne Wood: PhD Comprehensive examiner, University of Ottawa, School of Epidemiology, Public Health and Preventive Medicine. June 2015
15. Debra Eagles: MSc (Epidemiology and Community Medicine) Thesis examiner, University of Ottawa, January 2015.
16. Anne Tsampalieros: PhD comprehensive examiner, University of Ottawa, Department of Epidemiology and Community Medicine, September 2014.

17. Richard Perez: PhD comprehensive examiner, University of Ottawa, Department of Epidemiology and Community Medicine, September 2014.
18. Chenglin Ye: PhD thesis external examiner. “Statistical and Methodological Issues in Evaluation of Integrated Care Programs”, Department of Clinical Epidemiology and Biostatistics, McMaster University. (PhD Health Research Methodology – Biostatistics Specialization), April 2014.
19. Denise Gravel: PhD comprehensive examiner, University of Ottawa, Department of Epidemiology and Community Medicine, Mar 2014.
20. Michael Martin: PhD comprehensive examiner, University of Ottawa, Department of Epidemiology and Community Medicine, October 2013
21. Claire Kendall: PhD comprehensive examiner, University of Ottawa, Department of Epidemiology and Community Medicine, August 2013
22. Megan Carter: PhD (Population Health) thesis examiner, University of Ottawa. 2013. “Do Childhood Excess Weight and Family Food Insecurity share Common Risk Factors in the Local Environment? An Examination using a Quebec Birth Cohort”.
23. Ruochu Gao: PhD (Epidemiology and Biostatistics) external thesis examiner, University of Western Ontario. 2013. “Statistical analysis of correlated ordinal data: Application to cluster randomization trials”.
24. Gabriel Blecher: MSc (Epidemiology and Community Medicine) thesis examiner, University of Ottawa. 2013. “Diagnosis DVT in the Emergency Department: Combining clinical predictors, D-Dimer and bedside ultrasound”.
25. Ania Syrowatka: MSc (Epidemiology and Community Medicine) thesis examiner, University of Ottawa. 2012. “Understanding the role of the Ottawa Ankle Rules in Physicians’ Radiography Decisions: A Social Judgment Analysis Approach.”
26. Sabine Steiner-Boeker: MSc (Epidemiology and Community Medicine) thesis examiner, University of Ottawa. 2011. “Novel P2Y12 receptor antagonists- Prasugrel and Ticagrelor.”
27. Maysoon Eshoul: MSc (Epidemiology and Community Medicine) thesis examiner, University of Ottawa. 2010. “Analysis of the impact of air pollutants, PM2.5, and O3 on life expectancy and quality adjusted life-expectancy in Canada.”
28. Jason Tay: MSc (Epidemiology and Community Medicine) thesis examiner, University of Ottawa. 2009. “Donor selection for patients undergoing allogeneic hematopoietic stem cell transplantation: assessment of the priorities of Canadian Hematopoietic stem cell transplant physicians.”

### **OHRI Committees**

Member of the OHRI Scientific review and Performance committee:

- November 2023. Reviewed 4 scientists
- December 2022. Reviewed 4 scientists
- December 2021. Reviewed 7 scientists.
- July 2020. Reviewed 4 scientists.
- May 2019. Reviewed 4 scientists.
- Nov 2018. Reviewed 7 scientists.
- May 2018. Reviewed 8 scientists.
- Nov 2017. Reviewed 8 scientists.
- May 2017. Reviewed 5 scientists.
- Nov 2016. Reviewed 6 scientists.



May 2016. Reviewed 7 scientists.  
Nov 2015. Reviewed 5 scientists.  
May 2015. Reviewed 7 scientists.  
Nov 2013. Reviewed 1 scientist.  
May 2011. Reviewed 11 scientists.  
May 2010. Reviewed 5 scientists.  
May 2009. Reviewed 4 scientists

Jan 2018 – Dec 2024: Member of the Steering Group, Center for Implementation Research, Ottawa Hospital Research Institute

March 2014 – Dec 2024. Member of Advisory committee to Health Quality Ontario, providing guidance and mentorship to their in-house systematic review team.

March 2014 – Dec 2024. Member of OHRI postdoctoral fellow and graduate student Training Committee.

Oct 2014-Present: Peer reviewer of the OHRI Summer Student research project reports.

September 2023 – reviewed 10 research project reports

September 2022 – reviewed 7 research project reports

October 2021 – reviewed 10 research project reports

September 2019 – reviewed 6 research project reports

October 2018 – reviewed 9 research project reports

October 2016 – reviewed 10 research project reports

October 2015 – reviewed 6 research project reports

October 2014 – reviewed 6 research project reports

Oct 2022-Present: Internal peer reviewer for the OHRI Canada Graduate Scholarship Doctoral Awards (CGS D):

Nov 2024 - reviewed 11 applications

Nov 2023 – reviewed 12 applications

Nov 2022 – reviewed 15 applications

2009-2013. Organized Clinical Epidemiology Program Scientist attendance at OHREB meetings.

2008 – Present: Rotating member of the Ottawa Hospital Research Ethics Board

### **University of Ottawa committees:**

January 2024. Member of the MSc admissions committee. Reviewed 30 applications.

January 2023. Member of the MSc admissions committee. Reviewed 45 applications.

May 2014-Dec 2016. Member of the University of Ottawa School of Epidemiology and Public Health, Committee to review Biostatistics programs in the Schools.

### **Other Professional Committees / Memberships:**

2024: Program Committee Co-chair for the Canadian Network for Statistical Training Annual meeting

December 2024. External reviewer for Monash University faculty promotions committee.

August 2024. External reviewer for Leeds faculty promotions committee  
August 2024. External reviewer for Northwestern University faculty promotions committee.  
September 2023: External reviewer for University of Waterloo faculty promotions committee  
March 2023: External reviewer for Yale University Scientific faculty promotions committee  
September 2022: External reviewer for Queen's University faculty Promotions committee.  
August 2021: External reviewer for University of Exeter faculty promotions committee.  
June 2021 to May 2022: Society for Clinical Trials: Co-Chair of the Programming Committee  
May 2018 to 2019: Society for Clinical Trials: Member of the nominating committee  
2016: External reviewer for Aberdeen Academic promotions committee  
2012- 2019: Member, Rotman Institute of Philosophy, Western University

### **Evaluation of Articles for Scientific Journals:**

1. Critical reviews in Hematology/Oncology (2024) – reviewed 1 manuscript
2. Lancet Global Health 2023 (reviewed 1 manuscript)
3. New England Journal of Medicine 2022, (reviewed 1 manuscript)
4. Nature Human Behaviour, 2022 (reviewed 1 manuscript)
5. British Journal of Clinical Pharmacology; 2022 (reviewed 1 manuscript)
6. Computer Methods and Programs in Biomedicine; 2021-present (reviewed 1 manuscript)
7. American Journal of Bioethics; 2015-present (reviewed 1 manuscript)
8. Biometrical Journal; 2010 – present (reviewed 1 manuscript)
9. BMC Medical Research Methodology; 2011- present (reviewed 10 manuscripts)
10. BMJ Open; 2019-present (reviewed 3 manuscripts)
11. BMJ; 2016 - present (reviewed 9 manuscripts)
12. Canadian Journal of Anesthesia; 2017 – present (reviewed 2 manuscripts)
13. Canadian Journal of Cardiology; 2012 - present (reviewed 6 manuscripts)
14. Canadian Journal of Public Health; 2008 (reviewed 1 manuscript)
15. Canadian Journal of Emergency Medicine; 2019 – present (reviewed 1 manuscript)
16. Clinical and Investigative Medicine; 2014-present (reviewed 1 manuscript)
17. Computational Statistics and Data Analysis; 2008 - present (reviewed 3 manuscripts)
18. Contemporary Clinical Trials; 2007- present (reviewed 5 manuscripts)
19. Evaluation review; July 2019 – present (reviewed 1 manuscript)
20. International Journal of Epidemiology; 2017 – present (reviewed 2 manuscripts)
21. International Journal of Infectious Diseases; 2007- present (reviewed 6 manuscripts)
22. Journal of Clinical Epidemiology; 2010 – present (reviewed 6 manuscripts)
23. Journal of Computational Statistics; 2008 – present (reviewed 1 manuscript)
24. Journal of Evaluation in Clinical Practice; 2019 – present (reviewed 3 manuscripts)
25. Journal of Family Planning and Reproductive Health; 2009 (reviewed 1 manuscript)
26. Journal of Statistical Software 2015- present; (reviewed 2 manuscripts)
27. Journal of the Society for Clinical Trials; 2011-present (reviewed 6 manuscripts)
28. Lancet Global Health: 2024- present (reviewed 1 manuscript)
29. Medical Science Monitor; 2008 (reviewed 1 manuscript)
30. Open Access Clinical Trials journal (Dove Medical Press); 2013 (reviewed 1 manuscript)

31. Paediatric and Perinatal Epidemiology; 2011 (reviewed 1 manuscript)
32. Plos One; 2009- present (reviewed 5 manuscripts)
33. Psychological Methods; 2006- present (reviewed 1 manuscript)
34. Statistical Methods in Medical Research; 2017-present (reviewed 2 manuscripts)
35. Statistics in Medicine; 2008- present (reviewed 13 manuscripts)
36. The Lancet; 2014 - present (reviewed 2 manuscripts)
37. Trials; 2013-present (reviewed 16 manuscripts)

### **Other Invited peer review**

2014: Review of book proposal for Oxford University Press.

## **STUDENT SUPERVISION**

### **Graduate students**

Completed: 31 M.Sc., 20 Ph.D., 6 Post-doctoral fellows, 1 other

In progress: 4 M.Sc., 5 Ph.D, 2 Post-doctoral fellows, 1 other

#### In progress:

1. Hassan Taleb. MSc (Clinical Science and Translational Medicine), University of Ottawa. *The Impact of Snowfall and Temperature on the Occurrence and Survival Outcomes of Out-of-Hospital Cardiac Arrests*. September 2024 – present. In progress. Committee member.
2. Yutong (Betty) Chen. CANSTAT fellow. September 2024. In progress. Primary supervisor
3. Rafidul Islam. MSc (Epidemiology), University of Ottawa. *Can hypertension be accurately predicted in Canadians, based on the epidemiology of the associations between certain risk factors and high blood pressure*. September 2023-present. In progress. Thesis advisory committee member.
4. Emily Hladkowicz. April 2024 – present. *Virtual, Innovative, postsurgical Care To Optimize Return home for older people with frailty: the VICTORY randomized trial*. In progress. Co-supervisor.
5. Julia Shaw. PhD (Epidemiology), University of Ottawa. *Methodological issues in longitudinal cluster randomized trials*. Sept 2023 – present. In progress. Primary supervisor.
6. Pil Joo. MSc (Epidemiology), University of Ottawa. *Implementation of guidelines recommending against antibiotic treatment among older patients found with delirium and asymptomatic bacteriuria..* Sept 2022 – present. In progress Committee member.
7. Kathryn Walker. PhD (Population Health), University of Ottawa. *Cycling for Transportation and Recreation and Cognitive Outcomes in Older Adults*. Sept 2022 – present. In progress. Committee member.
8. Cory Goldstein. Post-doctoral fellow. *Ethical issues in pragmatic randomized controlled trials: conducting ethical and empirical analyses to propose solutions*. May 2022 – Present. In progress. Primary supervisor.
9. Komal Valliani. PhD (Epidemiology), University of Ottawa.. *Clinical Prediction Tools in the emergency department and prehospital setting*. January 2022 – Present. In progress. Co-supervisor.

10. Eva Kuhar, MSc (Cellular and Molecular Medicine), University of Ottawa. *A multilaboratory study to investigate biological sex differences in a preclinical acute lung injury model*. Sept 2021 – Present. In progress. (Committee member)
11. Christophe Fehlman, PhD (Epidemiology), University of Ottawa. Sept 2019-Present. *Association between frailty and emergency general surgery in older people*. In progress. (Co-supervisor)
12. Charles Thickstun: PhD (Epidemiology), University of Ottawa. Sep 2019- Present. *Spatial Methods Relating to Cluster-Randomized Vector Control Trials in Developing Nations*. In progress. (Co-supervisor.)

Completed:

13. Rita Rong: PhD (Epidemiology), University of Ottawa. *The association between delivery time and maternal and perinatal outcomes*. June 2019-December 2024. (Committee member)
14. Xueqi Wang. Post-doctoral fellow. Yale School of Public Health. *Statistical methods for treatment effect heterogeneity in cluster cross-over trials*. August 2022- July 2024. Committee Member.
15. Lionel Adisso, PhD (Epidemiology), Laval University. *Subgroup analyses in stepped wedge cluster randomized trials*. June 2019-Dec 2023. (Committee member)
16. Alison Riddle: PhD (Epidemiology), University of Ottawa. *Assessing the effects of women's empowerment on the nutritional status of women and adolescent girls*. Mar 2016- Sept 2023. (Committee member)
17. Caroline Lee. CANSTAT Fellow. September 2023-July 2024. Primary supervisor.
18. Yongdong Ouyang, Post-doctoral fellow, OHRI. July 2021-September 2023. *Statistical methods for cluster randomized, stepped wedge, and multiple baseline trials*. Completed. Primary supervisor.
19. Zack van Allen. PhD (Epidemiology), University of Ottawa. Sept 2021-September 2023. *Modelling co-occurring and co-varying health behaviours: applications of network psychometrics, machine learning, and complex systems analysis*. Completed. (Committee member)
20. Tyler Lamb. MSc (Epidemiology), University of Ottawa. Sept 2020-Sept 2023. *The Impact of Time to Major Intervention and Delayed Care for Patients with Traumatic Hemorrhage*. (Co-supervisor)
21. Wenshan Li: PhD (Epidemiology), University of Ottawa. Sept 2017-March 2023. *Examining caregiver distress among seniors with care needs: a population-based study*. (Committee member).
22. Bo Zheng: MSc (Epidemiology), University of Ottawa. June 2019- March 2023. *Management of atrial fibrillation in patients with acute medical conditions*. (Advisory committee member)
23. Jessica McCallum. MSc (Epidemiology), University of Ottawa. Sept 2020 – April 2023. *Cervical spine injuries in older adults after low-level falls*. (Committee member.)
24. Shelley Vanderhout, Post-doctoral fellow, OHRI. January 2021 – March 2022. *Patient engagement in pragmatic trials*. Co-supervisor.
25. Kasim Abdulaziz: PhD (Epidemiology), University of Ottawa. *Stroke Risk Assessment in the Emergency Department: Prognostic Models, Test Modalities and Variation of Practice*. Jan 2017- Jan 2023. (Co-supervisor).

26. Richard Perez: PhD (Epidemiology), University of Ottawa. *The Economic burden of unhealthy lifestyles on Ontario Healthcare: a lifetime approach*. Sep 2013 -Sept 2022. (Committee member).
27. Ahmed Al-Jaishi, Post-doctoral fellow, Epidemiology. July 2021-Aug 2022. *Methodological issues in the design and analysis of cluster randomized trials in hemodialysis*. (Primary supervisor.)
28. Kendra Davis, Post-doctoral fellow, Yale School of Public Health, Sept 2020 – July 2022. *Methods for Designing and Analyzing Multilevel Stepped Wedge Designs*. (Co-supervised by M. Taljaard and Fan F. Li, funded by the NIA IMPACT Collaboratory.)
29. Yulric Sequeira, MSc (Epidemiology), University of Ottawa. *An exploratory analysis of the public use Canadian community health survey data to fit a predictive model for health utility index* Sept 2020-April 2022. (Committee member)
30. Dilan Patel, MSc (Epidemiology), University of Ottawa. Sept 2019-Dec 2021. *Sphenopalatine ganglion block through intranasal Lidocaine to Alleviate symptoms of Migraine in the Emergency Department*. (Co-supervisor)
31. Michael Hickey: MSc (Epidemiology), University of Ottawa. Sept 2018—June 2021. *Deceased Organ and Tissue Donation Registration in the Emergency Department: A National Questionnaire of Attitudes and Acceptability*. (Committee member)
32. Jaameeta Kurji: PhD (Epidemiology), University of Ottawa. *Effectiveness of Maternity Waiting Areas in Improving Maternal Health Care Service Coverage and Health Outcomes in Jimma Zone, Ethiopia*. Sep 2015 –April 2021. (Committee member)
33. Jennifer Zhang, MSc (Epidemiology), University of Ottawa. Sept 2019-Dec 2020. *Review of Informed Consent in Pragmatic Trials*. (Primary supervisor)
34. Ryan Iverson: MSc (Epidemiology), University of Ottawa. May 2019- December 2020. *The feasibility of measuring core outcomes in clinic for medium-chain acyl-CoA dehydrogenase (MCAD) deficiency*. (Co-supervisor)
35. Caroline Kristunas: PhD (Biostatistics). University of Leicester. Sept 2017- Jan 2020. *Feasibility studies for stepped wedge cluster randomized trials: appraising and informing practice*. (Advisory committee member)
36. Kristin Danko: PhD (Epidemiology), University of Ottawa. Sept 2016-September 2018. *Methods for optimizing evidence syntheses of complex interventions: case study of a systematic review and meta-analysis of diabetes quality improvement trials*. (Committee member)
37. Raju Gautam: Post-doctoral fellow. April 2016-September 2016. *Statistical methods for longitudinal cluster randomized trials*. (Primary supervisor)
38. Longlong Huang: Post-doctoral fellow. November 2016 to June 2017. *Statistical analysis of data from prospective studies*. (Co-supervisor)
39. Stacey Fisher: PhD (Epidemiology), University of Ottawa. *Prevalence and Burden of Dementia and Cognitive Impairment in the Population: Investigation using Administrative Health Care Data in Ontario, Canada*. Sept 2016- January 2020. (Committee member)
40. Carolina Lavin: MSc (Epidemiology), University of Ottawa. *Caring for babies during the newborn screening blood test: How do parents help? Analysis of a pilot randomized controlled trial*. Sep 2016-May 2018. (Primary supervisor)
41. Susan Rogers van Katwyk: PhD (Epidemiology), University of Ottawa. *Policy and regulatory interventions to reduce antimicrobial resistance: Evidence and Analytic Strategies*. Sept 2017- Nov 2019. (Committee member).

42. Alexandre Tran: MSc (Epidemiology), University of Ottawa. *Derivation of a Clinical Decision Rule for Early Identification of Patients Requiring Life-Saving Intervention for Traumatic Hemorrhage*. September 2015- January 2018. (Co-supervisor).
43. Andrew Burkett: MSc (Epidemiology), University of Ottawa. *Does chronic drainage of malignant pleural effusions increase the rate of DVT/PE?* Sep 2015-May 2018. Withdrawn. (Co-supervisor).
44. Shunichiro Nakao: MSc (Epidemiology), University of Ottawa. *Evaluation of the Impact of Point-of-Care Lung Ultrasonography for Patients with Dyspnea in the Emergency Departments; A Prospective Observational Study*. Sep 2015- July 2018. (Co-supervisor)
45. Isha Narula: MSc (Epidemiology), University of Ottawa. *Investigating socio-ecological risk of lyme disease in Eastern Ontario*. Sep 2015 - June 2017. (Co-supervisor)
46. Manish Sood: MSc (Epidemiology), University of Ottawa. *The role of the urea to creatinine ratio, blood pressure and proteinuria in advanced chronic kidney disease*. Sep 2014- August 2017. (Primary supervisor)
47. Brianne Wood: PhD (Epidemiology), University of Ottawa. *The importance of choice: development and use of a decision aid to elicit women's preferences in cervical cancer screening*. Sep 2014 – Dec 2018. (Committee member).
48. Abhi Bhandari: MSc (Epidemiology and Community Medicine), University of Ottawa. *Cytological Surveillance Patterns for Women with a Low-Grade Abnormal Cervical Smear by HPV Test Results: Findings from TOMBOLA*. Sep 2013 - Aug 2015. (Committee member)
49. Kenneth Kwong: MSc (Epidemiology and Community Medicine), University of Ottawa. *Derivation and internal validation of a risk scale for adult emergency department syncope patients*. Sep 2013 - March 2016. (Co-supervisor).
50. Courtney Maskerine: MSc (Epidemiology and Community Medicine), University of Ottawa. *Predicting all-cause cancer incidence based on health behaviours in the population setting*. Sep 2013 - Nov 2016. (Committee member)
51. Anne Tsampalieros: PhD (Epidemiology and Community Medicine), University of Ottawa. *Variation in the Management of Kidney Transplant Recipients and its Impact on Clinical Outcomes*. Sep 2013- Jan 2018. (Committee member)
52. Shazia Chaudhry: PhD (Epidemiology and Community Medicine), University of Ottawa. *The association of hyperhomocysteinemia with preeclampsia and other placenta-mediated outcomes*. Sep 2012 – Jun 2019. (Co-supervisor)
53. Christina Catley, MSc (Epidemiology and Community Medicine), University of Ottawa. *Engaging Health Care Professionals in Personalized Medicine: A Pilot Study Comparing Two Professional Engagement Approaches*. Sept 2012-Dec 2014. (Committee member)
54. Claire Kendall: PhD (Epidemiology and Community Medicine), University of Ottawa. *Retrospective longitudinal observational study of people living with HIV in Ontario*. Sep 2012-Jan 2015. (Committee member)
55. Kasim Abdulaziz: MSc (Epidemiology and Community Medicine), University of Ottawa. *National survey of physicians on the need and sensitivity of a clinical decision rule to identify elderly patients at risk of functional decline following a minor injury*. Sep 2011-Dec 2013. (Committee member).
56. Amole Khadilkar: MSc (Epidemiology and Community Medicine), University of Ottawa. *Quality of Diabetes Care Among the Canadian Regular Forces: A Retrospective Cohort Study*. Sep 2010-Nov 2012. (Co-supervisor)

57. Kelly Baekyung Choi: MSc (Epidemiology and Community Medicine), University of Ottawa. *Costs attributable to Clostridium difficile infection (CDI)*. Sep 2010-Sep 2013. (Committee member)
58. Schwalm J-D: MSc (Epidemiology and Community Medicine), University of Ottawa. *Revascularization strategies in multi-vessel coronary artery disease: Analysis of influencing factors*. Sep 2010-Dec 2014. (Committee member).
59. Megan Carter: PhD (Population Health), University of Ottawa. *Do Childhood Excess Weight and Family Food Insecurity share Common Risk Factors in the Local Environment? An Examination using a Quebec Birth Cohort*. January 2013. (Committee member.)
60. Sue O’Rielly: MSc (Epidemiology and Community Medicine), University of Ottawa. *Geographical disparities in health: Can individual differences in blood pressure among adults 65 and over be attributed to the community population you live in?* Sep 2009 - Aug 2011. (Co-supervisor.)
61. Jenna Wong: MSc (Epidemiology and Community Medicine), University of Ottawa. *Does the addition of time-dependent covariates to a validated risk-adjustment model improve the accuracy of predicting risk of in-hospital death?* Sep 2008 - Nov 2010. (Committee member.)
62. Andrew McRae: PhD (Epidemiology and Biostatistics), University of Western Ontario. *An Empirical and Philosophical Analysis of Ethical Challenges in Primary Care Cluster Randomization Trials*. February 2011. (Committee member).
63. Liesha Mayo-Bruinsma: MSc (Epidemiology and Community Medicine), University of Ottawa. *Family Centered Care: Comparing models of primary care delivery in Ontario*. Sep 2008-Apr 2011. (Co-supervisor.)
64. Habeeb Majeed: MSc (Epidemiology and Community Medicine), University of Ottawa. *A Pilot randomized controlled trial to assess the effectiveness of low dose Vitamin K supplementation at improving anticoagulation control*. Aug 2012. (Co-supervisor.)
65. Shazia Chaudhry: MSc (Epidemiology and Community Medicine), University of Ottawa. *Challenges in the Ethical Conduct and Ethics Review of Cluster Randomized Trials: A Survey and In-depth Interviews of Cluster Randomization Trialists*. Sep 2009 - May 2012. (Primary supervisor.)
66. Richard Perez: MSc (Epidemiology and Community Medicine), University of Ottawa. *Psychological Process Evaluation of Canadian C-Spine Rule and Canadian CT-Head Rule Implementation Studies through Theory of Planned Behavior*. Sep 2008-Feb 2011. (Co-supervisor).
67. Tara Longpre: MSc (Epidemiology and Community Medicine). *An Evaluation of Universal Screening for MRSA at the Ottawa Hospital*. December 2011. (Committee member.)
68. Celine Pullen: MSc (Epidemiology and Community Medicine), University of Ottawa. *The Effects of Overall Diet Quality and Consumption of Certain Food Groups on Antibiotics Use in Childhood: Results from the Longitudinal Study of Child Development in Québec*. Sep 2008-Aug2010. (Co-supervisor.)
69. Gregory Rose: MSc (Epidemiology and Community Medicine). *Use of an electronic data warehouse to enhance cardiac surgical site surveillance at a large Canadian centre*. August 2009. (Committee member.)
70. Lisa Bitonti: MSc (Nursing). *Testing a tool to analyze telephone mediated decision support for symptom management triage decisions: Promotion of self-efficacy in symptom management self-care?* June 2007 (Committee member.)

## **Undergraduate students**

1. Yacine Marouf, Honours student in Biomedical Science, University of Ottawa. *Cluster Randomized Trials in Low- and Middle-Income Countries: A Landscape Analysis*. September 2022-September 2023. Primary supervisor.
2. Pascale Nevins, Honours student, Department of Biochemistry, University of Ottawa. September 2020-April 2021. Primary Supervisor: Undergraduate Research Opportunities Program.

## **Medical students, residents and fellows**

1. Dr. Jessica McCallum, Emergency Medicine resident, University of Ottawa, 2021
2. Dr. Alexandra Hamelin, Emergency Medicine resident, University of Ottawa, 2020
3. Dr. Omar Anjum, Emergency Medicine resident, University of Ottawa, 2020
4. Dr. Kevin Durr, Emergency Medicine resident, University of Ottawa, 2020
5. Brenton Wong, Medical student, University of Ottawa, 2020
6. Dr. Graham Wilson, Emergency Medicine resident, University of Ottawa, 2020
7. Dr. Shannon Fernando, Emergency Medicine resident, University of Ottawa, 2018, 2019
8. Dr. Tess Fitzpatrick, Neurology Resident, University of Ottawa, 2018
9. Dr. Bo Zheng, Emergency Medicine resident, University of Ottawa, 2018
10. Dr. Richard Hoang, Emergency Medicine resident, University of Ottawa, 2017
11. Dr. Peter Reardon, Emergency Medicine resident, University of Ottawa, 2017
12. Dr. Miguel Cortel, Emergency Medicine resident, University of Ottawa, 2017
13. Dr. Robert Ohle, Emergency Medicine resident, University of Ottawa, 2017
14. Dr. Vanessa Bacal, Obstetrics and Gynecology Resident, University of Ottawa, 2016
15. Dr. Layli Sanaee, Emergency Medicine resident, University of Ottawa, 2016
16. Shawn Liu, Medical student, University of Ottawa, 2016
17. Brandon Lam, Medical Student, University of Ottawa, 2016
18. Lawrence Yau, Medical Student, University of Ottawa, 2016
19. Christian Toarta, Medical student, University of Ottawa, 2016
20. Olivia Cook, Medical Student, University of Ottawa, 2016
21. Dr. Nader Zakhari, Neuroradiology fellow, University of Ottawa, 2016
22. Dr. Chris Fabian, Emergency Medicine Resident, University of Ottawa, 2015
23. Dr. Tamara McColl, Emergency Medicine resident, University of Ottawa, 2015
24. Daniel Waltho, Medical student, University of Ottawa, 2015
25. Amjed Kadhim-Saleh, Medical Student, University of Ottawa, 2014
26. Dr. Eugene Choo, Anesthesiology resident, University of Ottawa, 2014
27. Dr. Jeremy Neufeld, Anesthesiology resident, University of Ottawa, 2014
28. Dr. Jennifer Wilson, Anesthesiology resident, University of Ottawa, 2014
29. Dr. Aseem Bishnoi, Emergency Medicine resident, University of Ottawa, 2013
30. Dr. Michael Hickey, Emergency Medicine resident, University of Ottawa, 2013
31. Dr. Jeffson Chung, Otolaryngology resident, University of Ottawa, 2013
32. Dr. Diana Noseworthy, Anesthesiology resident, University of Ottawa, 2012
33. Dr. Rebecca Moga, Anesthesiology resident, University of Ottawa, 2012
34. Dr. Hendy Ramez, Anesthesiology resident, University of Ottawa, 2012



35. Dr. Natalie Clavel, Anesthesiology resident, University of Ottawa, 2012
36. Dr. Sephora Tang, Psychiatry resident, University of Ottawa, 2012
37. Dr. Leah Layman-Pleet, Psychiatry resident, University of Ottawa, 2012
38. Dr. Laura Campbell, Psychiatry resident, University of Ottawa, 2012
39. Dr. Lillia Fung, Anesthesiology resident, University of Ottawa, 2011
40. Dr. Steven Sylvester, Orthopedic Surgery Resident, University of Ottawa, 2011
41. Dr. Manal Bokhary, Gastroenterology resident, University of Ottawa, 2011
42. Dr. Rob Jee, University of Ottawa, Anesthesiology resident, 2011
43. Dr. Roxana Cruce, Fellow in Neurology, University of Ottawa, 2011
44. Ines Midzic, Medical student, University of Ottawa, 2011
45. Dr. Sarah Addleman, Emergency Medicine Resident, University of Ottawa, 2010
46. Dr. Alexis Haligua, Emergency Medicine Resident, University of Ottawa, 2010
47. Dr. Jennifer Leppard, Family Medicine (Emergency Medicine) resident, University of Ottawa, 2010
48. Yingwen Zhang, Diagnostic & Interventional Neuroradiology Research Fellow, University of Ottawa, 2009
49. Dr. Thomas Low, Emergency Medicine resident, University of Ottawa, 2009
50. Dr. Dawn Wedman, General Surgery resident, University of Ottawa, 2009
51. R Goindi, Medical Student, University of Ottawa, 2008
52. Dr. Chetna Tailor, Endocrinology and Metabolism resident, University of Ottawa, 2008
53. Debra Eagles, Medical Student, University of Ottawa, 2007, 2008
54. Sarah Kasseem, B.Sc Honours Biopharmaceutical Science, Genomics Option, University of Ottawa, 2007
55. Dr. Erik Hess, Emergency Medicine Fellow, University of Ottawa, 2007

## TEACHING ACTIVITIES

<u>Year</u>	<u>Course</u>	<u>Course Type (Lecture/Lab)</u>	<u>No. Students</u>	<u>Hrs/ Yr.</u>
	<b><u>Graduate Courses</u></b>			
2024	EPI5346 Applied Clustered and Longitudinal data analysis	Lectures	13	21
2023	EPI5346 Applied Clustered and Longitudinal data analysis	Lectures	15	21
2022	EPI7108: Emerging Intervention Study Designs	Guest Lecture	10	1.5
2022	EPI5346 Applied Clustered and Longitudinal data analysis	Lectures	15	21
2021	EPI7108: Emerging Intervention Study Designs	Guest Lecture	6	1.5
2021	EPI5346 Applied Clustered and Longitudinal data analysis	Lectures	15	21
2020	EPI5346 Applied Clustered and Longitudinal data analysis	Lectures	22	21
2019	EPI7108: Emerging Intervention Study Designs	Guest Lecture	6	3
2019	EPI6278: Advanced Clinical trials	Guest lecture	16	3
2019	EPI5346 Applied Clustered and Longitudinal data analysis	Lectures	13	21
2018	EPI7108: Emerging Intervention Study Designs	Guest Lecture	4	3
2018	EPI5346 Applied Clustered and Longitudinal data analysis	Lectures	15	21
2017	Directed Studies course: Development, Validation and Application of Clinical Prediction Models	Directed Studies	1	12
2017	EPI7108: Emerging Intervention Study Designs	Guest Lecture	10	1.5

<u>Year</u>	<u>Course</u>	<u>Course Type (Lecture/Lab)</u>	<u>No. Students</u>	<u>Hrs/ Yr.</u>
2017	EPI5346 Applied Clustered and Longitudinal data analysis	Lectures	16	21
2017	Introduction to Biostatistics Summer course	Lectures	17	35
2016	EPI7108: Emerging Intervention Study Designs	Guest Lecture	12	1.5
2016	EPI5346 Applied Clustered and Longitudinal data analysis	Lectures	15	21
2016	Introduction to Biostatistics Summer course	Lectures	15	28
2015	Directed Studies: Advanced analytic and methodological issues in cluster randomized trials	Directed Studies	1	12
2015	EPI5346 Applied Clustered and Longitudinal data analysis	Lectures	16	21
2015	Introduction to Biostatistics Summer course	Lectures	25	28
2014	EPI5346 Applied Clustered and Longitudinal data analysis	Lectures	13	21
2014	Introduction to Biostatistics Summer course	Lectures	14	28
2013	EPI5346 Applied Clustered and Longitudinal data analysis	Lectures	13	21
2013	Introduction to Biostatistics Summer course	Lectures	15	35
2012	EPI5346 Applied Clustered and Longitudinal data analysis	Lectures	10	21
2012	Introduction to Biostatistics Summer course	Lectures	35	35
2011	EPI5346 Applied Clustered and Longitudinal data analysis	Lectures	11	21
2011	Introduction to Biostatistics Summer course	Lectures	38	35
2010	EPI5346 Applied Clustered and Longitudinal data analysis	Lectures	11	21
2010	Introduction to Biostatistics Summer course	Lectures	35	35
2009	EPI5346 Applied Clustered and Longitudinal data analysis	Lectures	20	18
2009	Introduction to Biostatistics Summer course	Lectures	32	35
2008	EPI5143 Correlated data in health research	Guest lecture	25	3
2008	Introduction to Biostatistics Summer course	Lectures	30	35
2007	EPI5143 Correlated data in health research	Guest lecture	25	1.5
2007	EPI5143 Propensity Score Methods	Guest lecture	25	1.5
2007	Introduction to Biostatistics Summer course	Lectures	35	35
	<b>Lectures to Medical Residents</b>			
2021	“Sample size calculations for early phase clinical trials.” Medical Oncology residents.	Lecture	10	1
2013	"Introduction to Clinical Epidemiology". Department of Surgery, University of Ottawa.	Lecture	10	1.5
2010	"Introduction to Statistics". Department of Surgery, University of Ottawa.	Lecture	12	1.5
2010	"Critical Appraisal of the Literature". Department of Ophthalmology, University of Ottawa.	Lecture	12	1.5
2009	"Introduction to Statistics". Department of Surgery, University of Ottawa.	Lecture	10	1.5
2006	Medical student Problem-based learning (PBL) (7 sessions)	Lecture	40	8.5

## RESEARCH FUNDING

### Summary

Peer reviewed Principal Investigator	\$66,026,660
Peer-reviewed co-investigator:	\$139,770,469
Non-peer reviewed	
<b>Total</b>	<b>\$205,797,129</b>

### EXTERNAL PEER REVIEWED FUNDING

#### MT as Principal or co-principal investigator:

1. March 2024. **Nominated Principal Investigator:** QUINN, KIERAN L. **CO-PRINCIPAL INVESTIGATORS:** CHEUNG, ANGELA M; FOWLER, ROBERT A; HEBERT, PAUL C; JOHNSTONE, JENNIE; LEE, DOUGLAS S; RAZAK, FAHAD; TALJAARD, MONICA; VERMA, AMOL. *Nirmatrelvir/ritonavir (Paxlovid) in the prevention of long-term cardiovascular outcomes: The paxloviD Effectiveness For the prEvention of loNg coviD (DEFEND) clinical trial.* CIHR operating grant bridge funding. \$100,000 over 1 year.
2. March 2024. **Nominated Principal Investigator:** F. Razak. **Co-Principal investigators:** Daneman, Nick; Desveaux, Laura; Ivers, Noah M; McIntyre, Mark; Morris, Andrew M; Schwartz, Kevin L; Taljaard, Monica; Verma, Amol. *A pragmatic randomized trial to evaluate the effect of a peer-comparison feedback letter on antimicrobial use in hospital-based physicians.* CIHR Operating Grant. \$634,949 over 3 years. Ranked 1/61.
3. March 2024: **Principal Investigator:** M. HANCOCK. **Co-Principal Investigator:** Jenkins, H., O'Sullivan, P., Smith, A., Haines, T., French, S., Caneiro, J. P., Schütze, R., Taljaard, M. *Implementation and effectiveness of cognitive functional therapy: A hybrid implementation effectiveness trial.* Australian National Health and Medical Research Council. AUD\$1,441,979.63 over 4 years
4. December 2023: **Principal Investigator:** QUINN KL. **Co-Principal Investigators:** Cheung A, Fowler R, Goudling S, Graves L, Hebert P, Johnstone J, Lee D, Razak F, Taljaard M, Verma A. *Nirmatrelvir/ritonavir (Paxlovid) in the prevention of long-term cardiovascular outcomes: The paxloviD Effectiveness For the prEvention of 19rai coviD (DEFEND) clinical trial.* CIHR Long COVID Web Seed Funding Competition. \$100,000 over 1 year.
5. July 2023. **Principal Investigator(s):** MCISAAC, D I; KHADAROO, R; GILLIS, CA; MUSCEDERE, J; TALJAARD, M; KIDD, G D; FERGUSSON, DA; ESKANDER, A . **Co-investigators:** Ladha, K; Huang, AR; Bryson, GL; Serrano, PE; Scheede-Bergdahl, C; Saha, T; Nantel, J; Nagpal, S; Lavallée, LT; Lalu, MM; Hladkowicz, E; Gagné, S; Forster, AJ; Boet, S; Power, BE; Moloo, H; Wijeyesundera, DN; Van Walraven, C; Lee, SM; Holroyd-Leduc, JM; Breau, RH; Nelson, G; Ouyang, Y; Vickers, MM; Chesney, T; Johnson, A; Ong, M; Thavorn, K. *PREPARE for Cancer Surgery Trial: multimodal Preoperative Exercise to decrease PostoperAtive disability, cancer Recurrence and mortality in older people with frailty.* CIHR Project grant. \$100,000 over 1 year.
6. July 2023. **Principal Investigators:** F RAZAK, L DESVEAUX, NM IVERS, M MCINTYRE, AM MORRIS, KL SCHWARTZ, M TALJAARD, A VERMA. **Co-investigators:** C. Bell J. Brehaut T. Carpenter L. Castellani S. Chin N. Daneman L. Jensen Dr. Langford E. Leung D. MacFadden M. Mamdani A. McGeer E. Montague L. Moore D.

- Nayyar V. Ng K. Quinn S. Roberts K. Sheehan A. Slutsky M. So S. Srivastava T. Tang. *A pragmatic randomized trial to evaluate the effect of a peer-comparison feedback letter on antimicrobial use in hospital-based physicians.* Canadian Institutes of Health Research (CIHR). Early Career Researcher Antimicrobial Resistance Multi-Year Grant Priority Announcement. \$300,000 over 3 years.
7. July 2023. **Principal Investigator(s):** YADAV, K; STIELL, I G; PERRY, JJ; EMOND, M; TALJAARD, M; EAGLES, D . **Co-Investigator(s):** Borgundvaag, B; Campbell, SG; de Wit, K; Suh, KN; McRae, AD; Mercier, E; Yan, J; Ohle, R; Nicholls, SG; Corrales-Medina, VF; Hohl, CM; Savage, D; Daoust, R; MacFadden, DR; Thavorn, K; Zheng, B; Blanchard, P. *High-dose cephalixin for cellulitis (HI-DOCC): a randomized controlled trial.* CIHR Project Grant. \$382,500 over 2 years.
  8. March 2023. **NPI:** A SEELY; **Co-Pis:** J BREHAUT, M TALJAARD. **Co-Investigator(s):** Ferri, L; Finley, CJ; Kidane, B; Moffatt-Bruce, SD; Presseau, J; Ramsay, TO; Thavorn, K; Villeneuve, PJ. *Evaluating and Improving a National Learning Network.* CIHR Project Grant. 619,650 over 2 years.
  9. October 2022. **NPI:** C WEIJER. **Co-PI:** M TALJAARD. **Co-Applicants:** F Althabe, A Binik, J Brehaut, S Eldridge, R Ferrand, K Gillies, B Giraudeau, C Goldstein, J Grimshaw, L Hemkens, K Hemming, M Johri, S Kim, E Largent, J Leese, A London, O Magwood, S Marlin, L Mbuagbaw, S Mitchell, S Nicholls, J Petkovic, S Treweek, P Tugwell, R van der Graaf, V Welch **Collaborators:** M Beaucage, C Hampel, M Smith. *Ethical issues in cluster randomized trials: using stakeholder and patient engagement to generate guidance for the ethical design and conduct of trials evaluating clinical, health policy, health systems, and public health interventions.* CIHR Spring 2022 Project Grant . \$531,674 over 3 years. Ranked #1/10.
  10. July 2022. **Nominated Pis:** PJ DEVEREAUX, DA FERGUSSON, J ROULEAUX. **CO-PI:** Monica Taljaard and others. *Accelerating Clinical Trials (ACT) – Canada.* Canadian Institutes of Health Research, Pan-Canadian Clinical Trials Consortium Team Grant for the Accelerating Clinical Trials (ACT) Canada Consortium. \$38,996,931 over 3 years.
  11. July 2022. **Nominated PI:** GARG, A; **Co-Pis:** BASILE, E; BHATIA, RS; CLEMENS, KK; DIXON, SN; ETHIER, J; FOWLER, RA; GAGNIER, JJ; GARRISON, SR; GRIMSHAW, JM; HOHL, CM; IVERS, NM; JAIRATH, V; JAMES, MT; JERATH, A; KATZ, A; KRZYZANOWSKA, MK; LEBLANC, A; LEE, DS; MCALISTER, FA; MCGRAIL, KM; MCINTYRE, LA; MITTMANN, N; NAYLOR, K; PRESSEAU, J; SCHULL, MJ; SONTROP, JM; SPENCE, J; SWARTZ, R; TALJAARD, M; TANGRI, N; UDELL, JA; WEIJER, CE; ZWARENSTEIN, MF. *A Training Platform in Pragmatic Registry-Based Trials: Connecting Canada’s Health, Data, and Private Sectors.* CIHR Clinical Trials Training Platforms (CTTP) Grant. \$3,479,320 over 3 years.
  12. July 2022. **NPI:** D MCISAAC. **Co-Pis:** A JERATH, G KIDD, D ROBERTS, T SAHA, M TALJAARD, D WIJEYSUNDERA. **Co-Applicants:** S Boet, S Bragg, G Bryson, F Carrier, C de Mestral, D Dubois, D Fergusson, A Flexman, A Grudzinski, A Kayssi, M Lalu, S Lee, D MacDonald, C McCartney, S McCluskey, D McKeen, S Nagpal, M Parotto, J Spence, K Thavorn, V Uppal, C van Walraven. **Collaborators:** G Bishop, L Dubois, J Hooper, B Kennedy, C Love, E Miller. *The Anesthesia for Lower limb revascularization to Optimize Functional Outcomes (ALOFT) Trial: a pilot multicenter randomized trial* CIHR Spring 2022 Project Grant. \$202,725 over 2.5 years. Ranked #1/41

13. June 2022. **NPI:** V THIRUGANASAMBANDAMOORTHY, **Co-PI:** TALJAARD M, DESVEAUX L. **Co-investigators:** G Rouleau, D Eagles, K Yadav, M Sivilotti, J Yan, W Cheung, C Fabian, S Calder-Sprackman, S Halman, K Jolin-Dahel. *Evaluating the effectiveness of implementation strategies to improve the uptake of a clinical decision tool in emergency departments.* PSI Foundation – Health Systems Research. \$195,500 over 2 years.
14. March 2022. **NPI:** Manual DG, **Co-PIs:** TALJAARD, M, TANUSEPUTRO P. **Co-investigators:** Friesen EL, Giesbrecht N, Hobin, E, Myran, DT, Smith, BT, Knowledge Users: Jesseman R, Crépault, JF. *Alcohol research to inform health policies/interventions – Alcohol Policies: Investigating the health impacts of allowing alcohol sales in grocery stores in Ontario.* CIHR Catalyst Grant: Funding amount: \$100,000 over 1 year.
15. April 2022. **NPI:** MCISAAC D. **Co-PIs:** HALLET J, MCNEELY ML, TANDOM P, GILLIS CA, KIDD GD, TALJAARD M, WIJEYSUNDERA DN. **Co-investigators:** Auer R, Bryson G, Fergusson D, Gill M, Lalu M. McCartney C, Scheede-Bergdahl, CS, van Walraven C, Boland L, Chesney T, Forster A, Hladkovicz E, Lavalley L, Moloo H, Serrano P, Vogt K, Breau R, Eskander A, Gagne S, Khadaroo R, Martel G, Roberts D, Thavorn K, Zwarenstein M. *STRIVE before surgery trial: a vanguard pragmatic multicenter randomized trial of Structured Training to Improve fitness in a Virtual Environment before surgery.* CIHR Project Grant. \$260,100 over 18 months. (Ranked #2/40)
16. June 2021. **NPIs:** FRENCH S and HANCOCK M. **Co-PIs:** M TALJAARD and others. *Determining the impact of a new primary care model for low back pain: A cluster randomised trial.* NHMRC Medical Research Future Fund scheme: International Clinical Trial Collaborations grant program. \$2.1 M Australian over 4 years.
17. Apr 2021. **NPI:** TANUSEPUTRO P, **Co-PIs:** PERLMAN CM, TALJAARD M, PINTO AD. **Co-investigators:** Brown, Catherine R; Hobin, Erin P; Manuel, Douglas G; Myran, Daniel; Wilson, Kumanan. *Investigating the Impact of Cannabis Retail Policies on Health Harms and Benefits.* CIHR Operating Grant. \$382,500 over 4 years
18. Apr 2020. **NPI:** FREEDMAN S, **Co-PIs:** NEWTON M, WASYLAK TJ, CHERRY J, JOUBERT GI, MATER A, RASIAH J, TALJAARD M, STANGE AS, WRIGHT B, FINKELSTEIN Y, LIPMAN EL, SAREEN J, ELTORKI M, STUBBS MD, BERTHELOT S, GAGNON I, MACDONALD L, PORTER R, SAWYER S. **Co-investigators:** Al Hamarneh Y, curran J, Hopkin G, Mikrogianakis A, Sinclair D, Thull-Freedman J, Cappelli M, Dimitropoulos G, Katzh L, Monga S, St. Johan, K, Clark S, Fitzpatrick E, Klassen T, Lopez MP, Steele M, Cost K, Greenfield B, McCabe C, Plotnick O, Szatmari P. *A Multi-Disciplinary, Patient-Partnered, Pan-Canadian, Comparative Effectiveness Evaluation of an Innovative Acute Pediatric Mental Health and Addiction Care Bundle.* \$3,000,000 over 4 years. CIHR Operating Grant: SPOR Innovative Clinical Trial Multi-Year Grant. [Ranked #1 of 6].
19. Jan 2020. **NPI:** A FORBES, **Co-PIs:** K HEMMING, M TALJAARD. *Pragmatic cluster randomised trials: Bridging the gap between theory and practice: Australian National Health and Medical Research Council.* AU\$480,350 over 3 years.
20. April 2019-March 2024. National Institute on Aging (NIA) Imbedded Pragmatic Alzheimers disease (AD) and AD Related Dementias (AD/ADRD) Clinical Trials (IMPACT) Collaboratory. Total funding to Brown University and Hebrew SeniorLife: US\$53.4. Funding to OHRI: US\$148,486.05
21. Jan 2019. D MCISAAC (Nominated PI). **Co-PIs:** D FERGUSSON, R KHADAROO, J MUSCEDERE, M TALJAARD. **Co-investigators:** C McCartney, S Boet, H Moloo, L

- Lavallee, S Gagne, R Breau, A Forster, B Power, A Huang, M Lalu, S Nagpal, L Boland, J Nantel, A Caycedo, A Eskander, J Holroyd-Leduc, A Johnson, G Ma, J McElhaney, T Saha, C Scheede-Bergdahl, K Thavorn, C van Walraven, D Wijeyesundera. Collaborators: J Michel Aubin, I Dhalla, E Dixon, E Jacobsohn, J Joannise, J Kitts, C Love, A Meliambro, R Moore, T Mutter, L Tamblyn-Watts, D Trottier, I Yang. *PREPARE Trial: a parallel arm multicenter randomized trial of frailty-focused Preoperative Exercise to decrease Postoperative complication Rates and disability scores*. CIHR Project Grant \$1,136,025 over 3 years.
22. January 2018. J MCKENZIE (Nominated PI). Co-Pis: A FORBES, M TALJAARD, A CHENG, J GRIMSHAW, L BERO, A KARHALIOS. *How should we analyse, synthesize, and interpret evidence from interrupted time series studies? Making the best use of available evidence*. Australia National Health and Medical Research Council. \$445,144 AUD over 3 years.
23. July 2018. L MCINTYRE (Nominated PI), Co-Pis: M TALJAARD, D FERGUSSON. Co-investigators: D Cook, S English, A Forster, A Fox-Robichaud, I Graham, S Hawken, J Marshall, C Martin, C McCartney, K Menon, J Muscedere, R Saginur, A Seely, I Stiell, K Thavorn, C Weijer. *Crystalloid FLUID Choices for Resuscitation of Hospitalized Patients: A Pragmatic Comparative Effectiveness Trial (FLUID)*. CIHR operating grant. \$374,851 over 4 years.
24. April 2018. J GRIMSHAW (Nominated PI). Co-Pis: S BHATIA; D DOWLING; A HALL; P PARFREY; J PRESSEAU; M TALJAARD. Co-investigators: K Aubrey-Basler, B Barrett, Z Bouck, J Brehaut, D Campbell-Scherer, L Cooke, D De Carvalho, D Emery, H Etchegary, P Faris, D Finegan, S French, L Green, D Hart, L Hartling, N Ivers, B Johnston, K Kirkham, K Mahoney, H Mariathas, R Moore, K Mrklas, C Naugler, H Nguyen, K Norman, A Patey, P Rahman, J Squires, K Thavorn, D Wade, J White, H Witteman. Principal Knowledge Users: W Levinson, T Sikorski. Knowledge Users: K Baird, S Beeson, G Browne, L Fairclough, K Gapanenko, D Lacey, B O'Neill, C Patey, J Robert, E Sala, A Scott, M Slomp, R Thompson, T Wasylak, K Wyld. Collaborators: V Francis, B Sklar, S Woolfrey. *De-implementing low value care: a research program of the Choosing Wisely Canada Implementation Research Network*. CIHR Operating Grant: SPOR Innovative Clinical Trial Multi-Year Grant. \$1,500,000 over 4 years. (Ranked #1/21)
25. May 2018. N IVERS (Nominated PI); Co-Pis: GE GARBER; A GREENBERG; T GOMES; J GRIMSHAW; N ANGL; M TALJAARD. Co-investigators: J Brehaut; J Francis; T Kiran; K Schwartz; G Vance; K Brown; R Glazier; W Mcisaac; M Silverman; H Witteman; N Daneman; M Greiver; A Morris; J Tepper; M Zwarenstein; L Desveaux; M Kidd; J Presseau; K Thavorn. *Ontario Healthcare Implementation Laboratory: A Learning Health System Approach that Leverages Data to Improve Quality in Primary Care*. CIHR Operating Grant: SPOR Innovative Clinical Trial Multi-Year Grant. \$980,000 over 4 years. (Ranked #2/21)
26. April 2017 – Mar 2021. M TALJAARD (Nominated PI), Co-Pis: C WEIJER, D FERGUSSON. Knowledge user co-PI: T KLASSEN. Co-investigators: J Brehaut, M Campbell, S Edwards, S Eldridge, B Giraudeau, I Graham, J Grimshaw, K Hemming, S Hey, V Jairath, A London, J Marshall, L McIntyre, J McKenzie, A Paprica, M Zwarenstein. Collaborator: A Donner. Knowledge Users: C Forrest, S Marlin. Trainee: C Goldstein. *Developing a framework for the ethical design and conduct of pragmatic trials to improve the quality and value of health care systems and practices*. Canadian Institutes of Health Research: Project Scheme Operating Grant. \$780,300 over 4 years. (Ranked #3/94)

27. March 2017: GARG A (NPI), Co-Pis: MCCORMICK, M; BLAKE, PG; GRIMSHAW, JM; MCINTYRE, CW; MOLNAR, A; TALJAARD, M; WEIJER, C; ZWARENSTEIN, M. Co-investigators: Basile, E; Mittmann, N; Al-Jaishi, A; Bagga, A; Barnieh, L; Battistella, M; Chanchlani, R; Clemens, KK; Dember, LM; Devereaux, PJ; Dixon, SN; Goldstein, CE; Goluch, R; Harvey, R; Huang, SS; Iliescu, EA; Jain, AK; Jardine, M; Johnson, JA; Klar, N; Lok, CE; Manns, BJ; Mantulak, AP; Mustafa, RA; Naylor, K; Nesrallah, G; Oliver, MJ; Pandeya, S; Presseau, J; Roshanov, P; Sontrop, JM; Sood, MM; Wald, R; Walsh, MW. *An Integrated Platform for Innovative Pragmatic Cluster-Randomized Registry Trials in Hemodialysis.* Canadian Institutes of Health Research SPOR Innovative Clinical Trial Multi-year grant: \$2,970,675 +\$2,250,000 in matching funds over 4 years
28. February 2017: TALJAARD M, Garg A, Weijer C, Grimshaw JMG. *Ethics and biostatistics of pragmatic cluster RCTs integrated into routine care.* Cancer Care Ontario. \$22,000 over 14 months.
29. July 2015: MCINTYRE, L (Nominated PI); Co-PI: TALJAARD, M. Co-investigators: Martin, CM; Maybee, A; Muscedere, J; Christian, MD; Fergusson, DA; Forster, AJ; Fox-Robichaud, AE; Graham, I D; Hawken, S; Marshall, JC; Mccartney, CJ; Saginur, R; Seely, AJ; Stiell, IG; Thavorn, K. *Crystalloid FLUID Choices for Resuscitation of Hospitalized Patients: A Pragmatic Cluster Cross Over Pilot Trial.* Canadian Institutes of Health Research. \$99,504 over 1 year.
30. November 2012: **NPI:** TALJAARD M. **Co-PIs:** WEIJER C, GRIMSHAW JM, **Co-investigators:** Brehaut JC, McRae AD, White A, Forster D, Polson R. *International dissemination of the Ottawa Statement on the Ethical Conduct and Review of Cluster Randomized Trials.* Canadian Institutes of Health Research Dissemination Events, \$25,000 over 1 year. (Ranked #1/116, rating 4.68)
31. March 2008: **NPI:** TALJAARD M. **Co-PIs:** GRIMSHAW J, WEIJER C, **Co-investigators:** Brehaut J, Eccles M, Saginur R, Zwarenstein M, Donner A, Boruch R. *Ethical and Policy Issues in Cluster Randomized Trials.* Canadian Institutes of Health Research; \$281,987 over 3 years.
32. January 2008: **NPI:** OOI TC. **Co-PI:** TALJAARD M, **Co-investigators:** Mayne J, Mbikay M, Chretien M. *Human studies on gender differences in PCSK9 function in lipoprotein metabolism.* Heart and Stroke Foundation of Ontario. \$190,800 over 2 years.
33. March 2007: **NPI:** TALJAARD M. **Co-PIs:** GRIMSHAW J, WEIJER C, **Co-investigators:** Brehaut J, Eccles M, Saginur R, Zwarenstein M, Donner A, Boruch R. *Ethical and Policy Issues in Cluster Randomized Trials.* Canadian Institutes of Health Research; \$100,000 over 1 year.

### **MT as Co-investigator:**

1. October 2024. G. MARTEL, DAN MCISAAC, FRANCOIS CARRIER. Co-investigator: M. Taljaard and others. *The threshold for operative hemoglobin trigger for red blood cell transfusion pilot trial (TOPGUN-pilot).* Canadian Blood Services. \$400,000 over 2 years.
2. October 2024. **Co-PIs:** DAN MCISAAC, PATRICIA HOLST, HUSEIN MOLOO, VATSAL TRIVEDI, DUMINDA WIJEYSUNDERA. Co-I: Sylvie Aucoin, Weiwei Beckerleg, Marta Berrio Valencia, Sylvain Boet, Rodney Breau, Greg Bryson, Jake Engel, Alana Flexman, Sylvain Gagne, Julie Hallet, Emily Hladkowicz, Vivian Ip, Janny Ke, Daniel

- Kobewka, Manoj Lalu, Luke Lavalley, David MacDonald, Guillaume Martel, Janet Martin, Sarah McIsaac, Amelie Pelland, Robert Talarico, Monica Taljaard, Carl van Walraven, Anna Wyand. **Collaborators:** Sarah McIsaac. *VIRTUAL Study: Virtual vs In person comparative effectiveness evaluation of Anesthesiology consultations.* CIHR Project Grant. \$271,576 over 2 years.
3. October 2024. **PIs:** JAMIE BREHAUT (NPI), JUSTIN PRESSEAU (CO-PI). **Co-Is:** Charles Weijer, Monica Taljaard, Ian Graham, Andrea Patey, Nicola McCleary, Stuart Nicholls, Heather Colquhoun. Collaborators: Bukun Adegbenbo (CBCN); Mindy Goldman (CBS); Lanre Tunji-Ajayi Lanre (SCAGO); Juliette Inglis (Patient partner); Mei Lin Yee (Patient partner). *Targeting misinformation-associated health behaviours: Using the tools of implementation science.* CIHR Project grant. \$983,024 (for 4 years). Ranked #1/48.
  4. September 2024. **NPI:** KIERAN QUINN. Co-I: S. Goulding, L. Graves, D. Bowdish, A. Cheung, R. Fowler, P. Hebert, D. Lee, S. Ginsburg, M. Taljaard, J. Johnstone, A. Verma, F. Razak, Panganiban, J. Boyle, S. Abeygunawardena, J. Lapp. *Provider perspectives on the Acceptability, perceived Risks/benefits, And potential Barriers/facilitators to the use of COVID-19 antivirals among non-hypoxic symptomatic hospitalized Adults (PARABOLA).* The Long COVID Web. \$50,000 over 1 year.
  5. March 2024. **NPI:** D MCISAAC. **Co-investigator:** M. Taljaard and others. *Virtual, Innovative, postsurgical Care To Optimize Return home for older people with frailty: the VICTORY randomized trial.* CIHR SPOR (Strategy for Patient-Oriented Research): Innovative Clinical Trial Multi-Year Grant. \$1,373,804 over 4 years
  6. March 2024. **NPI :** C VAILLANCOURT. **Co-investigators :** I Blanchard; K Dainty; S Jenneson; S Cheskes; M Feldman; S Leduc; J Christenson; J Goldstein; J Nicholson; M Church; B Grunau; M Taljaard. Multi-center implementation of an educational program to improve the cardiac arrest diagnostic accuracy of ambulance telecommunicators and Survival outcomes for sudden cardiac arrest victims. CIHR operating grant. \$141,526 over 2 years.
  7. March 2024. **NPI :** S VIGOD; N IVERS. **Co-investigators :** L Barker, C Dennis; N Hussain-Shamay, B Rosen, K Thavorn, H Brown; B Frey; Z Ladak; G Saraf; R Van Lieshout; T Burra; J Gandhi; C Laur; D Singla; E Wright; C Clark; S Grigoriadis; C Maxwell; M Taljaard. *MOVIN : A pragmatic randomized controlled trial of a scalable collaborative care model for perinatal mental healthcare delivery.* CIHR Operating grant. \$1,510,875 over 5 years.
  8. March 2024. **NPI :** VENKATESH THIRUGANASAMBANDAMOORTHY. **Co-investigators :** S. Books, R Parkash, W Tarhuni, A Krahn, M Taljaard, A Vadenboncoeur, E Mercier, P Tanuseputro. *REmote cardiac Monitoring of at-risk SYNCope patients after Emergency Department discharge – A Randomized Controlled Trial : REMOSYNCED.* CIHR Operating grant. \$520,199 over 3 years. (Ranked 2/42)
  9. July 2023. **PI:** J SPENCE; D SIEGAL. **Co-investigator :** M Taljaard and others. *TheRAPy: The effect of retrograde autologous priming on transfusion requirements after cardiac surgery (TheRAPy): A multi-centre, multi-period, vanguard randomized cluster crossover trial.* Accelerating Clinical Trials (ACT) Consortium. \$200,000 over 1 year.
  10. July 2023. **PI :** S AUCOIN. **Co-investigator :** M Taljaard and others. *Virtual, Innovative, postsurgical Care To Optimize Return home for older people with frailty: the VICTORY randomized trial.* Accelerating Clinical Trials (ACT) Consortium. \$200,000 over 1 year.
  11. July 2023. **PI :** VAILLANCOURT CHRISTIAN. **Co-investigator:** Monica Taljaard and others. *Innovative Use of Machine-Learning Algorithm Assistance to Rapidly Recognize the*



- Presence of Sudden Cardiac Arrest and Initiate Life-Saving CPR Instructions During Conversations Between 9-1-1 Callers and Telecommunicators. CIHR Planning and Dissemination Grant. \$19,200 over 1 year.*
12. July 2023. **PIs:** J CURRAN P ARCHAMBAULT V BOHN E CAROLINE M BURNS CE CASSIDY DE SINCLAIR R WELLS B WRIGHT. **Co-investigators:** L. Berliner D. Burchell S. Campbell J. Clegg A. Delahunty-Pike J. Franc A. Gallant A. Grant M. Hickey C. Johnson D. Johnson J. Lane S. MacPhee R. Mackay K. Magee K. Melvin M. Newton R. Orji Y. Ouyang M. Somerville D. Stewart V. Sweet M. Taljaard E. Tavender P. Trbovich S. Vaillancourt L. Wozney. *Examining the Effectiveness and Implementation of a Patient-Managed Discharge Communication Tool: A Mixed Methods Hybrid Type 1 Design Study. CIHR Project grant. \$1,419,076 over 5 years. Ranked #1/36.*
  13. July 2023. **Principal Investigator(s):** STIELL, IG **Co-Investigator(s):** Macle, L; Perry, JJ; Nicholls, SG; Eagles, D; Yadav, K; Parkash, R; Taljaard, M; Mercier, E; Morris, JM; Vadeboncoeur, A; Archambault, P; Birnie, DH; McRae, AD; Scheuermeyer, F; Hohl, CM; Campbell, SG; Sivilotti, ML; Emond, M; Cournoyer, A; Thavorn, K . *A randomized trial of anti-arrhythmic agents to improve management of emergency department patients with acute atrial fibrillation. CIHR Project grant. \$302,176 over 2 years.*
  14. July 2023. **Principal Investigator(s):** MCISAAC, DI; KIDD, GD; WIJEYSUNDERA, DN; FLEXMAN, AM; GARLAND, A; HALLET, J; WONG, CL; KOBEWKA, DM; VAN WALRAVEN, C. **Co-Investigator(s):** Khadaroo, R; Hladkowicz, E; Lee, SM; Lalu, MM; Mbadjeu H, Arnaud R; Ladha, K; Aucoin, SD; Boet, S; Bryson, GL; Carrier, FM; Chesney, T; Forster, AJ; Abdellatif, S; Alkadri, J; Ma, G; Gagné, S; Grudzinski, AL; Holroyd-Leduc, JM; Huang, AR; Jerath, A; Moloo, H; Power, BE; McIsaac, S; Auer, RC; Beattie, WS; Mayson, KV; Talarico, RF; Huang, S; Reich, K; Martel, G; Lavallée, LT; Ke, X Chen; Beckerleg, W; Taljaard, M; Sutherland, JM; Tanuseputro, P; Backman, C; Breau, RH . *Non-hOme Transition rIsk Following surgerY (NOTIFY) study. CIHR Project grant. \$378,676 over 3 years.*
  15. March 2023. **NPI :** L MOORE. **Co-PI :** M BERUBE. **Co-investigators :** P Archambault, S Berthelot, R Fowler, J Grimshaw, J Guertin, B Haas, N Ivers, A Lapierre, F Lauzier, P Lessard Bonaventure, E Mercier, Y Ouyang, J Paquet, H Stelfox, M Sykes, M Taljaard, A Turgeon, H Witteman, N Yanchar. *Reducing low-value practices in acute trauma care: a pragmatic cluster randomized controlled trial. CIHR Project grant. \$608,176 over 4 years. Ranked #2/43.*
  16. March 2023. **NPI :** J BRUNET. **Co-investigators:** K Campbell, N Jaworska, M Sekeres, A Smith, A Srikanthan, M Taljaard. *Effects of exercise on cognitive and brain outcomes in young adults diagnosed with cancer: a randomized controlled trial. CIHR project grant. \$100,000 over 1 year.*
  17. September 2022. **PIs:** OSKOUI M, SMITH M, EVANS A, ITURRIA MEDINA Y, LEVAC D, POTTER E. **Co-investigators:** Butcher N, Cardiff K, Danielson T, Defosses Y, Fergusson D, Gonorazky H, Hodgkinson V, Iraqi I, Karthigesu S, Korngut L, Mah J, McMillan H, Offringa M, Selby K, Sheriko J, Taljaard M. *Exergaming registry-based trial promoting physical activity in children and adolescents with spinal muscular atrophy. CIHR: Operating Grant – Clinical Trials Projects. 1,777,095 over 3 years.*
  18. April 2023. **FRANCES SHIELY (NPI).** **Co-investigators :** Kirsty Loudon, Alistair Nichol, Monica Taljaard, Shaun Treweek, Merrick Zwarenstein. *Development, validation and*

- dissemination of the PRECIS-3 tool to support the design of pragmatic randomised controlled trials: Towards making clinical trials part of routine clinical care. Investigator-Led Projects: Health Research Board (Ireland). €370,000.00 over 4 years.*
19. October 2022. **PI** : VENKATESH THIRUGANASAMBANDMOORTHY. **Co-investigators** : P Archambulat, K Chan, K Cheung, W Cheung, G Clark, A Cournoy, L Desveaux, P Ellis, J Favian, J Franc, M Gazarin, L Grant, D Harris, M Hedgekar, A Krahn, A McRae, E Mercier, J Morris, A Nowacki, R Ohle, Y Ouyang, S Raj, G Rouleau, D Savage, C Seifer, Be Sevcik, M Sivilotti, J Staples, M Taljaard, P Tanuseputro, C Toarta, J Yan. *Multi-center Cluster Randomized Implementation of Canadian Syncope Pathway for Emergency Department Syncope Management. CIHR Operating Grant. \$1,250,776 over 3 years*
  20. October 2022. D MACFADDEN (NPI), N DANEMAN (CO-PI). **Co-investigators**: M Ellingsen, C Graham, P Lam, C Nott, K Suh, M Taljaard, J Brooks, V Zanichelli. *A Cluster Randomized Cross-over Trial of an Antibiotic Decision Support Intervention in Sepsis (IDEAS II). CIHR Operating Grant. \$300,000 over 3 years.*
  21. September 2022. **Principal Investigators**: INBAR-FEIGENBERG, M ; JAIN, S ; MITCHELL, JJ ; POLGREEN, L ; POTTER, EK ; SMITH, M **Co-investigators**: Angel, K ; Butcher, N Jean ; CPM ; Chakraborty, PK ; Chan, AKJ ; Dyack, S; El Turk, F ; Fergusson, DA ; Gentle, J ; Gentle, J ; Greenberg, CR ; Guo, X ; Huang, J ; Lacaze-Masmonteil, T ; Mamak, E ; Mhanni, A ; O'Brien, A ; Offringa, M ; Park, J ; Roth, J ; Sullivan, MJ.L. ; Taljaard, M ; Thavorn, K *The Safety and Efficacy of Adalimumab for Pain Reduction in Individuals with Mucopolysaccharidoses: A Phase 1/2 Randomized, Double-Blind, Placebo-Controlled Trial. Canadian Institutes of Health Research Operating Grant: Clinical Trials Projects-Canadian sites of international trials \$734,750 over 3 years.*
  22. July 2022. SAMEER PARPIA (NPI). **Co-PI**: Golchi, Shirin; Heath, Anna; Lee, Shun Fu; Sajobi, Tolulope T; Thorpe, Kevin E; Wong, Hubert H. **Co-investigator**: Monica Taljaard and others. *Canadian Network for Statistical Training in Trials (CANSTAT). CIHR Clinical Trials Training Platform. \$2,481,124 over 3 years.*
  23. June 2022. **NPIs**: DS. LEE , GUSTAVO SAPOSNIK . **Co-PIs**: S Coutts, R Swartz, T Field, H Ross, P Billia, S Bolz, K Connelly, J Fish, N Khan, M Kapral. **Co-PIs**: H Abdel-Qadir, P Barber, A Gramolini, F McAlister, F Razak, F Rudzicz, K Tu, A Verma, M Vyas, B Wang, A Yan, A Yu . **Co-Is**: K Anderson, C Atzema, P Austin, J Cox, L Crowshoe, C Demers, S Duchesne, S Epelman, A Fine, J Floras, D Franklin, N Giannetti, J Gibson, J Gronsbell, G Gubbitz, A Ha, K Hanneman, J Howlett, G Hunter, M Husain, A Lofters, M Peterson, A Poppe, P Rochon, M Schull, B Shah, A Simard, A Singnurkar, S Straus, M Taljaard, A Tamayo, J Udell, A Zafar, S Zieroth. *Using Novel Approaches for Early Recognition of TIA, Heart Failure and Connections with Vascular Dementia (UNEARTH CVD). Heart and Stroke Foundation and Brain Canada Heart-Brain IMPACT Award. \$2,900,000 over 4 years*
  24. April 2022. BOET S (PI). **Co-investigators**: Denis-LeBlanc M, Etherington C, Fergusson D, Gautam M, Sharda S, Poala Gomez C, Sriharan A, Taljaard M, Roux S, Lupea D. *Effet d'une intervention de coaching sur le bien-être et la détresse des médecins francophones dans les communautés de langue officielle: un essai contrôlé randomisé. Canadian Institutes of Health Research, Catalyst Grant: Official Language Minority Communities in Health Research. \$100,000 over 1 year*
  25. April 2022. **Principal Investigators**: DANIEL MCISAAC, LAURA BOLAND, MARLYN GILL, CHELSIA GILLIS, BRIAN HUTTON. **Co-investigators**: S Aucoin, R Auer, P Beaulé, GL Bryson, F Carli, A Eskander, D Fergusson, J Fiore Jr, A Forster, A Grudzinski, J

- Holroyd-Leduc, R Khadaroo, M Lalu, G Martel, C McCartney, J Nantel, S Poitras, C Scheede-Bergdahl, M Taljaard, A Veroniki, D Wijeyesundera. *The Canadian Prehabilitation Network Review: a systematic review and component network meta-analysis to inform prehabilitation design and evaluation*. CIHR Project Grant Competition Fall 2021 Patient-Oriented Research Priority. \$100,000 over 1 year.
26. April 2022. **PI:** IVERS, NOAH. **Co-investigators:** L. Desveaux, S Gupta, A. Lofters, J Shuldiner, K Thavorn, C Fox, R Heisev, P Nathan, M Taccone, J Grimshaw, D Hodgson, J Presseau, M. Taljaard. *Evaluation of a system-wide surveillance system for late effects of treatment in childhood cancer survivors in Ontario*. CIHR Project Grant. \$719,100 CAD across 4 years
27. April 2022. BURNS KEA. (**Nominated PI**). **Co-PI:** SEELY AJE. **Co-investigators:** E Charbonnev, Kutsogiannis, D. Maslove D, Scales D., Zarychanski R, Ferguson N, Kyeremanteng K, Ramsay T, Taljaard M, Green R, Lellouche F, Rochweg B, Thavorn K. *Liberation from mechanical ventilation using Extubation Advisor Decision Support: The multicentre (LEADS) Pilot Trial*. CIHR Project grant. \$595,000 over 2 years. (Ranked #1/40)
28. October 2021. **NPI:** L DESVEAUX. **Co-PI:** N Ivers. **Co-I:** Monica Taljaard and others. *Improving the effectiveness of audit and feedback in team-based primary care environments*. CIHR Project Grant. \$661,726 over 3 years
29. August 2021. MANUEL DG (**NPI**), **CO-PIs** : HSU AT, KOBEWKA D, LUDWIG C, PRESSEAU J, SATTLER D, TANUSEPUTRO P, **Co-investigators** : Barker M, Boese K, Carrington A, Costa A, Downar J, Funnell S, Hampel C, Hawken S, Hirdes J, Jessri M, Lapenskie J, Lessard L, Li W, Michalowski W, Stacey D, Taljaard M, Thavorn K, van Walraven C, Wegier P, Bélanger-Hardy L *Advancing personalized health decisions for end-of-life through Implementation Science*. CIHR Team Grant: Personalized Health. \$1,998,900 over 4 years.
30. July 2021. **PI:** SHAWN MARSHALL. **Co-investigator:** Monica Taljaard and others. *Validation of virtual neurological assessment in the treatment and rehabilitation of concussion patients*. Workplace Safety and Insurance Board. \$275,000 WSIB over 2 years.
31. July 2021. **PI:** NOAH IVERS. **Co-I:** Dr. L. Desveaux Ms. C. Fox Dr. J. Grimshaw Dr. S. Gupta Dr. R. Heisey Dr. D. Hodgson Dr. A. Lofters Dr. P. Nathan Dr. J. Presseau Ms. J. Shuldiner Dr. M. Taccone Dr. M. Taljaard Dr. K. Thavorn. *Evaluation of a system-wide surveillance system for late effects of treatment in childhood cancer survivors in Ontario*. CIHR Project Grant - Priority Announcement: Patient-Oriented Research. \$100,000 over 1 year.
32. July 2021. **PI:** BRUNO GIRAUDEAU. **Co-investigator:** Monica Taljaard and others. *ESCIENT project: Estimating complex intervention effects as risk differences in cluster randomised trial*. French National Center for Scientific Research €452,565 over 4 years.
33. July 2021. **PI:** NOAH IVERS. **Co-I:** I Bogoch, T Kiran, M Tadrous, L Desveaux, A Lofters, M Taljaard, M Green, J Presseau, H Witteman, J Grimshaw, J Shuldiner. *Big data and little behaviours: audit and feedback with or without a quality improvement toolkit to help primary care facilitate COVID-19 vaccine uptake*. CIHR Operating Grant: Emerging COVID-19 Research Gaps & Priorities. \$499,952 over 2 years.
34. April 2021. **PIs:** STACEY, DAWN; ARCHAMBAULT, PATRICK; BEAUDET, NICOLAS; ETHIER, JEAN-FRANCOIS; LUDWIG, CLAIRE. **Co-I:** N. Bansback, L. Boland, C. Chabot, J. Curran, A. Côté, P. Després, A. Giguère, A. Gogovor, I. Graham, A. Groulx, L. Juneau, D. Kobewka, M. Laberge, K. Lewis, F. Légaré, R. McLean, M. Nelson, L. Sikora,

- M. Smith, M. Taljaard, B. Vanderspank. *Supporting Canadians making emergent health decisions to focus on what matters most to them: establishing, testing, and scaling patient-oriented interventions*. CIHR Operating grant: \$100,000 over 1 year.
35. April 2021. PI: HENRY THOMAS STELFOX, KIRSTEN M FIEST, NADINE KATHERINE FOSTER, JEANNA JOANNE PARSONS LEIGH, BONNIE GAIL SEP. Co-investigator: M. Taljaard and 17 others. *ACCELERATE: Partnering with ICU patients and family caregivers toward early transitions in care*. CIHR operating grant: \$355,725 over 3 years
36. April 2021. PI: MCISAAC, DANIEL I; GILL, MARLYN; BOLAND, LAURA S; HUTTON, BRIAN E . Co-Investigators: Gillis, Chelsia A ; Aucoin, Sylvie D ; Fiore Jr, Julio F; Carli, Francesco Eskander, Antoine ; Fergusson, Dean A ; Forster, Alan J ; McCartney, Colin J ; Moloo, Husein ; Grudzinski, Alexa L ; Khadaroo, Rachel ; Lalu, Manoj M ; Martel, Guillaume ; Nantel, Julie ; Scheede-Bergdahl, Celena ; Taljaard, Monica ; Wijeyesundera, Duminda N ; Poitras, Stéphane . *An umbrella review of prehabilitation interventions in surgery to inform policy and practice* . CIHR Operating Grant: \$103,275 over 1 year.
37. April 2021. PI: MESTRE, TIAGO. Co-I: Liddy, Clare E; Kessler, Dorothy E; Taljaard, Monica; Thavorn, Kednapa; Grimes, David A. *ICarePD: a feasibility controlled trial to investigate the addition of an Integrated Care Network to usual physician-centered care to address complex care needs in Parkinson disease*. CIHR Operating Grant: \$432,225 over 2 years 6 months.
38. April 2021. PI: VENKATESH THIRUGANASAMBANDAMOORTHY, IAN DRENNAN. Co-I: Buick, Jason; Grunau, Brian E; Drennan, Ian; Yan, Justin; Taljaard, Monica; Cheskes, Sheldon; Vaillancourt, Christian; Leduc, Shannon. *Validation of the Canadian Prehospital Syncope Risk Score*. CIHR Operating Grant: \$397,800 over 1 year and 9 months
39. Oct 2020: PETERSON W and SALVADOR, AJ. Co-investigator: Cipriano LE; Coyle DA; Darling EK; Dunn SI; Edwards R; Graham ID; Gravelle CA; Leduc DC; McCoubrey DR; Nault J; Taljaard M; Palerme S. *The Montfort Postnatal Care at Home Program: How do health outcomes, costs, patient and provider experiences compare with usual hospital-based postnatal care?* CIHR Project grant. \$250,749 over 2 years.
40. June 2020. KEVIN SCHWARTZ (NPI). Co-investigator: M. Taljaard and others. *The JPIAMR Primary Care Antibiotic Audit and Feedback Network (PAAN): An international collaboration on best practices for the delivery of antibiotic prescribing feedback to community clinicians using behavioural science*. JPIAMR NETWORK Plus 2020. €200,000 over 2 years.
41. June 2020. HOLLY WITTEMAN (PI). Co-investigators: P. Archambault, I. Bogoch, M. Brisson, L. Campbell, M. Dogba, S. Driedger, E. Dubé, M. Gagnon, A. Giguère, N. Grandvaux, J. Grimshaw, N. Ivers, K. Kindrachuk, A. Leblanc, S. Macdonald, S. Meier, E. Murray, R. Orji, J. Paquette, J. Presseau, J. Renaud, B. Sander, M. Taljaard, M. Tremblay, V. Welch. *Scalable, Customizable, Digital Health Communication Materials to Help Canada Address the COVID19 Pandemic*. CIHR Operating Grant: COVID-19 Rapid Research Funding Opportunity. \$311,296 over 1 year
42. Apr 2020. GARG A (NPI), CO-PIs: COTE, GG; VORSTER AH; BLAKE PG; BOHM C; LACSON Jr. E; LEVIN A; SILVER S; TONELLI M. Co-investigator: Monica Taljaard and others. *Innovative Pragmatic Cluster-Randomized Registry Trials to Improve Hemodialysis*

- Care. CIHR Operating Grant: SPOR Innovative Clinical Trial Multi-Year Grant. [4.27/5 Ranked #2]. Awarded: \$2,817,233 over 4 years.
43. Apr 2020. POTTER EK (Nom PI). Co-PIs: BINIK A, MITCHELL JJ, STOCKLER S, MCCABE C, CHAKRABORTY PK, OFFRINGA M, SMITH MM, IBAR-FEIGENBERG M, OSKOUI M. Co-investigators: M Taljaard and 47 others. *An innovative registry-based trials platform to improve clinical care, outcomes, and health policy for children with treatable rare diseases*. CIHR Operating Grant: SPOR Innovative Clinical Trial Multi-Year Grant. (Ranked #2). \$2,754,008 over 4 years.
  44. Apr 2020. BREHAUT, J (Nom PI); MARLIN, S (PI; Knowledge-user); Co-investigators: Duncan E; Fergusson D; Gillies K; Graham I; Grimshaw J; Hey S; Pesseau J, Ramsay C; Rodger M; Taljaard M; Weijer C; Collaborators: Gordon J; MacLennan G; Richards D; Patient Partners: Mei-Lin Y; Juliette I. *Using behavioural science to understand and improve participation in clinical trials: A theory-based research project*. CIHR Project Grant. \$963,900 over 4 years
  45. Apr 2020. M POTVIN-KENT (PI). Co-investigators: J. Hamid, C. Mah, E. Pauzé, M. Taljaard. *Unhealthy food and beverage sponsorship of children's sports clubs in two policy environments*. CIHR project grant. \$393,976 over 4 years.
  46. Jan 2020. PIs: STEWART DJ, FERGUSSON DA, LALU MM. Co-investigators: Aaron S, Cyr-Depauw, Davis D, Hibbert B, Hunniford V, Kristof A, Liaw P, Pesseau J, Taljaard M, Thebaud B, Tieu A, Walley K, Zhang H. *A national platform to study inflammatory acute lung injury*. CIHR meeting grant. \$10 000 over 1 year
  47. Jan 2020. PIs: LALU MM, FERGUSSON DA, STEWART DJ. Co-investigators: Aaron S, Archer S, Bonnet S, Burger D, Cameron L, Cyr-Depauw C, Davis D, Hibbert B, Hunniford V, Kolb M, Kristof A, Liaw P, Ormiston M, Pesseau J, Ratsep M, Stampfli M, Taljaard M, Thebaud B, Tieu A, Vliagoftis H, Walley K, Zhang H. *A Canadian preclinical multicenter collaborative to improve acute and chronic lung disease research*. Canadian Institutes of Health Research. \$15 000 over 1 year
  48. July 2019. AGNÈS CAILLE (Nominated PI), Co-investigators: S Desmée, S Ehrmann, B Giraudeau, M Taljaard, E Tavernier. *QUantification of clustering and Analysis of cluster Randomised Trials with time-to-Event outcomes (QUARTET)*. French National Research Agency: Young researcher funding. € 233 080, over 42 months.
  49. July 2019. Principal Investigators: DI MCISAAC, AJ FORSTER, C VAN WALRAVEN. Co-investigators: F Abdallah, P Beaulé, S Boet, S Fernando, A Huang, C McCartney, B Meulenkamp, J Perry, B Power, R Ramlogan, M Taljaard, P Tanuseputro, D Wijeyesundera, Collaborators: I Dhalla, E Jacobsohn, S Boland, J Muscedere. *SAFE-PNB: Safe Analgesia For Elders receiving Peripheral Nerve Blocks for hip fracture*. CIHR operating grant. \$183,600 over 2 years
  50. July 2019. Principal investigator: J MILLER. Co-investigators: D Barber, L Cooper, C Donnelly, S French, M Green, J Hill, J Macermid, J Marsh, C McPhee, K Norman, J Richardson, G Salisbury, M Taljaard, J Whittaker, T Wideman. *Determining the impact of a physiotherapist-led primary care model for low back pain – a cluster randomized controlled trial*. CIHR Operating Grant. \$1,403,776 over 4 years.
  51. July 2019. Principal Investigators: K M FIEST, CE FARRIER, NK FOSTER, S KUPSCH, D NIVEN, PR OXLAND, JJ PARSONS LEIGH, BG SEPT, HT STELFOX, SE STRAUS. Co-investigators: Amaral, A, Au, S, Bagshaw, S, Ball, I, Bell, C, Benzies, K, Bourne, R, Burns, K, Clement, F, Davidson, J, Dodek, P, Doig, C, Ely, EW, Forster, A, Fowler, R, Fox-

- Robichaud, A, Fraser, N, Grant, C, Holroyd-Leduc, J, Kashuba, S, King, J, Kyeremanteng, K, Lau, V, Manns, B, McBrien, K, Muscedere, J, Papathanasoglou, E, Piskulic, D, Rasiah, J, Rewa, O, Roumeliotis, N, Roze des Ordon, A, Sauro, K, Sinnadurai, S, Soo, A, Taljaard, M, Turgeon, A. *Co-designing a Patient and Family Caregiver-Oriented Transitions in Care Bundle*. CIHR Transitions in Care Team Grant. \$958,400 from CIHR + cash contributions from partners, total \$1,107,400 over 4 years. (Ranked #1 with a score of 4.65)
52. April 2019. Principal Investigators: R ZARYCHANSKI (NPA), D FERGUSSON, R BREAUX, T MUTTER, D MCISAAC. Co-investigators: Abdallah F, Bagry H, Beaulieu P, Buduhan G, Daya J, Haberman C, Horsburgh M, Houston BL, Jacobsohn R, Jetty P, Kanji S, Lalu M, Martel G, Park J, Taljaard M, Thavorn K, Tinmouth A, Turgeon AF, Wilson K. Knowledge Users: Callum J. Collaborators: Christodoulou C, Dhalla I, Girling L, McCartney C, McPherson J, Muirhead B, Pambrun C. *Tranexamic acid to reduce red blood cell transfusion in major non- cardiac surgery (TRACTION): A pragmatic, registry-based, pilot, randomized controlled trial*. Canadian Institute of Health Research (CIHR); SPOR iCT operating grant. \$100,000 over 1 Year
53. April 2019. Principal Investigators: IVERS NM, NATHAN PC. Co-investigator: M. Taljaard and others. *Design and evaluation of a system-wide surveillance system for late effects of treatment in childhood cancer survivors*. CIHR project grant. \$100,000 over 1 year.
54. April 2019. PRESSEAU J (Principal Investigator). Co-investigators: Bacon S, Bernard P, Desroches S, Kastner M, Lavoie K, Marques M, McCleary N, Straus S, Taljaard M, Thavorn K, Tomasone J. Collaborator: Brown H. *Clustering of (un)healthy behaviours in older Canadians*. Canadian Institutes of Health Research (CIHR): \$70,000 over 1 year.
55. February 2019. Principal Investigators: JJ PARSONS LEIGH, CE FARRIER, KM FIEST, S KUPSCH, D NIVEN, PR OXLAND, BG SEPT, HT STELFOX, SE STRAUS. Co-investigators: A. Amaral, S. Au, S. Bagshaw, C. Bell, R. Bourne, K. Burns, F. Clement, P. Dodek, C. Doig, A. Forster, R. Fowler, A. Fox-Robichaud, C. Grant, J. Holroyd-Leduc, K. Kyeremanteng, V. Lau, E. Papathanasoglou, O. Rewa, N. Roumeliotis, A. Roze des Ordon, K. Sauro, S. Sinnadurai, A. Soo, M. Taljaard. *Improving Transitions in Care from ICU: Evaluation of an Electronic Communication Tool*. CIHR Operating Grant: Transitions in Care - Evaluation Grants. \$198,535 over 2 years.
56. January 2019-Dec 2023. MANUEL DG (Principal Investigator). Co-investigators: Bernier J, Feeny D, Fisher S, Funnell F, Hennessy D, Jackson R, Jessri M, Manson H, Maskerine C, Orpana H, Pellitier L, Rosella LC, Taljaard M. *Measuring compression and expansion of morbidity from chronic diseases using a multivariable predictive approach*. CIHR Project Grant. \$489,600 over 4 years.
57. November 2018: Principal Investigator: T MESTRE AND PARTNERS FROM GERMANY, SPAIN, FRANCE, IRELAND AND CZECH REPUBLIC. Collaborator: Monica Taljaard. *iCARE-PD: Integrated Parkinson Care Networks: addressing complex care in Parkinson disease in contemporary society*. The EU Joint Programme – Neurodegenerative Disease Research (JPND). \$1,695,964 EURO over 3 years plus \$350,000 from CIHR.
58. August 2018: Principal Investigator: A FORBES. Co-investigators: Kasza J, Haines T, Hemming K, Taljaard M, Hooper R, Copas A, Hughes J, Preisser J, Turner EL. *International Network for Innovative Cluster Randomised Trial Designs*. Monash University Network of Excellence grant. \$83,900 AUD over 1 year.

59. August 2018: Principal Investigator: D MCISAAC. Co-investigator: Monica Taljaard. *Experience and compliance with exercise before cancer surgery for older people with frailty. Canadian Frailty Network (CFN) Catalyst grant*: \$64,998 over 1 year.
60. May 2018. Principal investigators: J PRESSEAU; JM GRIMSHAW; JE SQUIRES. Co-investigators: C. Armitage; S. Bacon; M. Conner; S. Desroches; P. Gaudreau; T. Horsley; N. Ivers; I. Kellar; K. Lavoie; N. McCleary; A. Patey; R. Rhodes; F. Sniehotta; M. Taljaard; K. Thavorn; V. Welch; H. Witteman. *Using 'brain hacks' for multiple health behaviour change: Planning the first-in-Canada evaluation of implementation intentions at scale. CIHR Planning and Dissemination Grant*. \$20,000 over 1 year.
61. April 2018. Principal Investigators: R SHULMAN; N IVERS; LL LISPSCOMBE, BA PERKINS. Co-investigator: Taljaard M, Witteman H, Shah B, Grimshaw J, Isaranuwachai W, Mukerji G, Advani A, Parsons J, Yu C, Juni P, da Costa B, Goyal S, Palmert M. *Evaluating Innovative Health Care Solutions to Improve Outcomes for Persons with Type 1 Diabetes using a Novel Electronic Data Repository. JDRF-CIHR innovative clinical trials SPOR Multi-Year grant in type 1 diabetes*. 3,000,000 over 4 years.
62. March 2018. Principal Investigator: M LALU, D FERGUSSON. Co-investigators: B Thebaud, H Zhang. Collaborators: D Stewart, L McIntyre, M Taljaard, A Kristoff. *Preclinical Multicenter Acute lung injury Trials In Canada (PreMATIC): evaluating exosome therapy for acute lung injury. OIRM New Ideas Grant*. \$75,000 over 1 year.
63. March 2018. Principal investigators: S FREEDMAN; M NEWTON. Co-investigators: A Mikrogianakis, M Stubbs, B Wright, K Chan, T Klassen, F Macmaster, K Rittenbach, M Taljaard. *Implementing Innovative Models of Acute Pediatric Mental Health and Addiction Care. CIHR Operating Grant: SPOR ICT Rewarding Success - Development Grants – Alberta*. \$99,999 over 1 year.
64. March 2018. Principal Investigator: I STIELL. Co-Investigators: P Angaran, P Archambault, C Atzema, J Brehaut, W Cheung, M Deyell, D Eagles, J Grimshaw, I Graham, J Perry, J Presseau, K de Wit, F Scheuermeyer, M Taljaard, V Thiruganasambandamoorthy, A Vadeboncoeur. *Decreasing hospital admissions from the emergency department for acute atrial fibrillation. Cardiac Arrhythmia Network of Canada (CANet): Strategic Research Grant (SRG). CANet Funding \$778,616.00* over 3 years.
65. April 2018. B SHAH. Co-investigators: K Tu; G. Booth; D. Coyle; J. Hux; P. Jüni; L. Lipscombe; N. Persaud; M. Taljaard; A. Wong. *A pilot pragmatic randomized controlled trial to evaluate the impact of improving access to drugs on type 2 diabetes care, outcomes and costs. CIHR operating grant*. \$392,256 over 3 years.
66. April 2018. J BREHAUT (NomPI), J PRESSEAU (Co-PI), C MCCUDDEN (Co-PI; Knowledge User). Co-investigators: S Boet, H Colquhoun, A Forster, J Grimshaw, N Ivers, L McIntyre, M Taljaard, K Thavorn. Collaborators/Knowledge-Users: A Iyengar, D Dalton-Kischel, B McDonald, D Neilipovitz, I Watpool. *Enabling Multi-site, Tailored Feedback Interventions to Reduce Low-Value Test Ordering in Critical Care: A Systematic Approach. CIHR Project Grant Fall 2017*. \$504,900 over 4 years
67. March 2018. Principal Investigator: C VAILLANCOURT. Co-Investigators: J Brehaut, K Dainty, M Taljaard, P Dorian, V Thiruganasambandamoorthy, I Blanchard. Collaborators: M Charette, J Christenson, K Cyr, M Feldman, J Goldstein, R Hamilton, S Hodges, S Leduc, L Morrison, M Spidel, J Tallon, E Hall. Knowledge Users: M Church, C Lacroix, S Zambon. *Improving the care and survival for prehospital SCD victims via transformative changes to 9-1-1 ambulance communication – assisted CPR instructions and the development of*

- innovative technology: A CANet-CanROC-Industry Partnership. Cardiac Arrhythmia Network of Canada (CANet): Strategic Research Grant (SRG). \$999,641 over 3 years.*
68. September 2017. N PROTOPOPOFF. Co-Investigators: M Kulkarni, M Rowland, F Mosh, J Mosh, I Kleinschmidt, A Manjurano. Collaborator: M Taljaard. *Effectiveness of bi-treated long lasting insecticidal nets and deployment strategy for control of malaria transmitted by pyrethroid resistant vectors.* MRC-Wellcome Trust Joint Global Health Trials Scheme with LSHTM and partners in Tanzania. £2,500,000 GBP over 4 years.
  69. August 2017. T MESTRE. Co-Investigators: D Grimes, D Cote, C Liddy, D Kessler, M Taljaard, K Thavorn. Patient advocates: S Hayter, L Cowin, D Orendorff. *Development and preliminary evaluation of The Integrated Parkinson's Disease Care Network: An integrated care model to address complex care in a chronic condition.* Physicians' Services Incorporated (PSI) Foundation. \$195,000 over 20 months.
  70. May 2017. J GRIMSHAW. Co-investigators: J Baron, M Taljaard, Arlene Aspinall. *Investigating the Feasibility of evaluating the effectiveness of the accreditation process in improving health outcomes in participating RHI sites.* Rick Hansen Institute (quality improvement project). \$18,650 over 1 year.
  71. April 2017. Principal Investigator: S BOET. Co-Investigator: T. Adams, J. Baron, A. Birze, J. Brehaut, M. Britton, M. Duffy, N. Etherington, T. Grantcharov, J. Grimshaw, S. Kitto, K. Lortie, M. McConnell, I. Raïche, S. Singh, L. Sun, M. Taljaard, J. Tu. Knowledge user: Ms. P. Doering. *Does One Size Fit All? The Implications of Gender for OR Team Performance, Teamwork Interventions, and Equitable Patient Outcomes.* CIHR Team grant. \$ 448, 848 over 3 years
  72. April 2017. P TANUSEPUTRO and D MANUEL. Co-investigators: A Hsu, C Sanmartin, M Taljaard, S Bronskill, C Bennett, D Sattler. *Predicting outcomes for Canadians receiving home care: An examination of home care delivery and impact.* CIHR Project Scheme Operating Grant. \$401,624 over 4 years.
  73. April 2017. MANUEL DG (NPI), L'ABBÉ MR (PI). Co-investigators: Jessri M, Hennessy DA, Taljaard M, Rosella LC, Smith B, Garriguet D (Collaborator), Sanmartin C (Collaborator), Krebs-Smith S (Collaborator), Reedy J (Collaborator), Vanderkooy P (Knowledge User). *The population health and healthcare burden of poor dietary patterns and potential strategies for reducing mortality, morbidity and healthcare use in Canada.* Canadian Institutes of Health Research Project Grant. \$405,452 over 4 years.
  74. April 2017. MILLER J. Co-investigators: Macdermid, JC; Richardson, JA; Donnelly, CA; Green, ME; French, SD; Taljaard, M; Hill, J; Wideman, TH; Norman, KE; Cooper, LK; McPhee, CA; Barber, D; Marsh, J. *Determining the impact of a new physiotherapist led primary care model for low back pain - A pilot study for a cluster randomized controlled trial.* CIHR Catalyst Grant: Musculoskeletal Health and Arthritis. \$100,000 over 1 year.
  75. April 2017. G ALVAREZ (NPI), Co-investigators: Mulpuru, S., Aaron, S., Cameron, B., Grimshaw, J., Hui, C., Mallick, R., Momoli, F., Taljaard, M. Thavorn, K. D, Amaratunga, K., Pim, C., Van Dyk, D. and Therrien, L. *Acceptability, completion rates and cost effectiveness of a new 12 dose treatment (3 months) compared to the standard treatment for latent TB infection treatment in Ottawa, Canada.* Government of Canada. \$197,000 over 2 years.
  76. March 2017: I STIELL, D EAGLES. Co-investigator: M Taljaard + 11 others. *Decreasing hospital admissions from the Emergency Department for Acute Atrial Fibrillation.* Cardiac Arrhythmia Network of Canada (CANet) Strategic Research Grant (SRG) program. \$169,774 + \$60,000 in matching funds over 18 months.



77. March 2017: J PRESSEAU (NPI), A GARG, J GRIMSHAW, J MITCHELL, V PRAKASH, (Co-PIs), Co-investigators: L Bjerre, S Dixon, L Getchell, J Kim, A Li, G Knoll, K Naylor, J Sontrop, M Taljaard (Co-I), R Bevan, D Currie, C Faulds, D Guitierrez, N Hill (Collaborators). *Registration for deceased organ donation in family physician offices.* CIHR Catalyst Grant: SPOR Innovative Clinical Trials \$99,987 over 1 year.
78. March 2017: POTTER BK (PA), CLIFFORD T (PA), PALLONE N (PA), STOCKLER S (PA), Co-investigators: Smith M, Chakraborty P, Coyle D, Greenberg C, Korngut L, MacKenzie A, Mitchell JJ, Nicholls S, Offringa M, Schulze A, Taljaard M. *Catalyzing registry-based randomized comparative effectiveness trials for inherited metabolic diseases in children: establishing a core outcome set and data collection tools.* CIHR Catalyst Grant: SPOR Innovative Clinical Trials: \$100,000 over 1 year
79. February 2017: CAMPBELL KL (CO-PI); BRUNET J (CO-PI), Co-investigators: Collins B, Smith A, Simmons C, Segal R, Taljaard M. *Efficacy of exercise to mitigate cancer-associated cognitive changes.* Canadian Cancer Society Research Institute; \$294,000 over 3 years.
80. March 2017: THIRUGANASAMBANDAMOORTHY V. Co-investigator: M Taljaard. *Optimal Management of Low-Risk Syncope Patients - Remote Cardiac Monitoring of Higher-Risk Emergency Department Syncope Patients after Discharge: REMOSYNC Study.* Cardiac Arrhythmia Network of Canada (CANet) Strategic Research Grant (SRG) program. \$748,154 +1,675,481 in matching funds over 3 years.
81. October 2016: PI: IVERS, N. KU: RABENECK L, STRASBERG S, Co-investigators: Tinmouth J, Llovet D, Bravo C, Bromfield G, Umar S, Cunningham N, Collaborators: Grimshaw J, Presseau J, Taljaard M, Witteman H, Trainees: Desveaux L, Vaisson G. *Testing a behavioural approach to improving cancer screening rates through increased use of primary care feedback reports.* Ontario Institute for Cancer Research Health Services Research Program – Knowledge Translation Research Network. \$122,485 over 1 year.
82. July 2016: *Project Leader:* TURGEON, AF. *Project Experts:* M Taljaard and others. *Optimal Practices in Critical Care Neurology and Trauma.* Canadian Institutes of Health Research (CIHR) Foundation Scheme: \$1,947,960 over 5 years.
83. July 2016: *Project Leaders:* SHI WU WEN; MARK WALKER. *Project Experts:* Elizabeth Asztalos; Doug Coyle; Sandra Dunn; Darine El-Chaâr; Deshayne Fell; Dean Fergusson; William Fraser; Laura Gaudet; Thierry Lacaze; David Moher; Graeme Smith; Anne Sprague; Lonnie Zwaigenbaum. *Program Expert:* Monica Taljaard. *Folic Acid in pregnancy and Child development.* Canadian Institutes of Health Research (CIHR) Foundation Scheme: \$9,876,973.00 over 7 years.
84. July 2016. *Project Leader:* JEFF PERRY. *Project Experts:* Monica Taljaard; David Birnie; Jamie Brehaut; Lisa Calder; Dariush Dowlatshahi; Jeremy Grimshaw; Howard Lesiuk; Marco Sivilotti; Ian Stiell; Christian Vaillancourt; Venkatesh Thiruganasambandamoorthy; Carl Van Walraven; George Wells. *Maximizing Safety and Efficiency in Managing Vascular Emergencies.* Canadian Institutes of Health Research (CIHR) Foundation Scheme: \$3 646 623 over 7 years.
85. July 2016. *Project Leader:* MOORE LYNNE. *Project Experts:* Monica Taljaard; Peter Cameron; Howard Champion; Michaël Chassé; Julien Clément; David Evans; Belinda Gabbe; Hameed Morad; John Kortbeek; François Lauzier; Fiona Lecky; Rolf Lefering; Avery Nathens; Vanessa Noonan; Tom Stelfox; Alexis Turgeon-Fournier; Natalie Yanchar.

- Canadian Program for Monitoring Overuse in Injury Care. Canadian Institutes of Health Research (CIHR) Foundation Scheme: \$832,646 over 5 years.*
86. July 2016. PI: DANIEL MCISAAC. Co-Investigators: Manoj Lalu; Allen Huang; Julie Nantel; Sylvain Gagne; Barbara Power; Alan Forster; Hussein Moloo; Luke Lavallee; Celena Sheede-Bergdahl; Carl van Walraven; Greg Bryson; Colin McCartney; Collaborator: Monica Taljaard. *A PSH for the Frail Elderly (Phase 3): Prehabilitation of Frail Elderly. International Anesthesia Research Society (IARS Mentored Research Award).* \$149,967.36 over 2 years.
  87. April 2016: SIMONE DAHROUGE. Co-investigator: Monica Taljaard. *Navigation implementation and support to optimize access to appropriate community services for Francophones living in minority situations. Canadian Institutes of Health Research (CIHR) Ontario SPOR– IMPACT Award.* \$749,450 over 4 years.
  88. May 2016: LAURA GAUDET, MARIA DEL PILAR VELEZ. Co-investigators: Deshayne Fell, Graeme Smith, Ashley Waddington, Mark C Walker. Collaborator: Monica Taljaard. *OaK 2016-2021: Investigating Contemporary Topics in OB/MFM. CIHR Team Grant: Clinician-Investigator Teams in Obstetrics & Maternal-Fetal Medicine.* \$736,960 over 5 years.
  89. July 2016: NGUYEN THANH. Co-investigators: Fahad Alkkherayf, Gerg Melkus, Johan Woulfe, Bryan Lo, Michael Taccone, Ioana Moldovan, Monica Taljaard. *Preoperative Identification of Isocitrate Dehydrogenase Mutation in Gliomas Using MR Spectroscopy, Diffusion-weighted and Perfusion-weighted Imaging. Radiological Society of North America Research Seed Grant.* \$39,876 over 1 year.
  90. July 2016: VICENTE F. CORRALES-MEDINA; GIRISH DWIVEDI. Co-investigators: Monica Taljaard, Rob DeKemp, Lionel Zuckier, Robert Beanlands. *Vascular inflammation after acute pneumonia as measured by 18DDG PET/CT scan. Heart and Stroke Foundation of Canada.* \$152,576.00 over 2 years.
  91. June 2016. D HARRISON, S DUNN. Co-investigators: M Campbell-Yeo, L Gilmore, I Graham, J Grimshaw, J Harrold, J Hu, C Larocque, L McCullough, S Nicholls, B Nicholls, P O'Flaherty, S Premji, J Reszel, S Semenic, J Squires, B Stevens, M Taljaard, MJ Trépanier, K Venter, Y Zhou. *A cluster randomized controlled trial in Ontario hospitals providing maternal/newborn care to determine effectiveness of a parent-targeted educational video for improving newborn pain treatment. Ontario SPOR Child Health Support Unit IMPACT Award.* \$299,786.69 over 2 years.
  92. February 2016. PATRICIA A. POULIN. Co-investigators: Catherine Smyth, Howard Nathan, Laurie Ma, Xinni Song, Cheryl Harris, John Kowal, Robin Morash, Carrie Liska, Roanne Segal, Tim Asmis, Monica Taljaard. *The effects of an online mindfulness-based stress reduction program in cancer survivors with chronic neuropathic pain: A randomized controlled trial. Canadian Cancer Society.* \$295,144 over 3 years.
  93. September 2015. VENKATESH THIRUGANASAMBANDAMOORTHY. Co-investigators: Ian Stiell, Andrew Krahn, Robert Sheldon, Marco Sivilotti, Lisa Calder, Monica Taljaard, George Wells, Ian Graham. *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.* \$243,045 over 3 years.
  94. June 2015. IVERS N, GRIMSHAW J, BROWN A. Co-investigators: Dhalla I, Fairclough L, Dobrow M, Tepper J, Levinson W, Bhatia S, Rochon P, Anderson G, Glazier R, Straus S, Brehaut J, Tugwell P, Taljaard M, Berta W, Lang A, Maybee A, Martin D, Mamdani M,

- Zwarenstein M, Witteman H, Thavorn K, Pesseau J. *A Provincial Implementation Science Laboratory: sequential, pragmatic randomized trials and policy-oriented evaluations of large-scale quality improvement initiatives*. Ontario SPOR Support Unit, CIHR and MOHLTC. \$1,867,000 over 3 years.
95. June 2015. CHRISTIAN VAILLANCOURT; IAN STIELL. Co-Investigators: Dean Fergusson, Monica Taljaard, Kednapa Thavorn, Jamie Brehaut, Ian Graham, Lisa Calder, Tim Ramsay, Peter Tugwell, Amy Plint, Sheldon Cheskes. *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). \$1,456,990 over 3 years.
96. June 2015. HATCHER S, HEISEL M. Co-investigators: Campbell JK, Colman I, Corsi D, Kennedy S, Lavis J, Links P, Marlin S, Mushquash C, Neufeld E, Raimundo A, Rizvi S, Schaffer, Schellenberg M, Sidahmed A, Sinyor M, Taljaard M, Thavorn K, Voros P & Wilkins C. *Suicide prevention in men: A cluster randomized control trial of smartphone assisted problem solving therapy compared to usual care in men who present with intentional self-harm to emergency departments*. Ontario SPOR Support Unit. \$1,750,000 over 3 years.
97. July 2015. *Project Leader*: GRIMSHAW JM. *Project Experts*: Aaron S, Arnaut A, Bjerre L, Boet S, Brehaut J, Brouwers M, Cameron C, Clarkson J, Colquhoun H, Curran J, Cuthbertson B, Dahabreh I, Fergusson D, Foy R, Francis J, French S, Garg A, Graham I, Green S, Gruen R, Hill S, Ivers N, Kitto S, Klassen T, Knoll G, Lavis J, Liddy C, Légaré F, Majumdar S, McKenzie J, Michie S, Moher D, Moja L, O'Connor D, Offringa M, Pesseau J, Ramsay C, Sales A, Schwalm J-D, Scott S, Shepperd S, Squires JE, Stacey D, Stiell I, Straus S, Suh K, Taljaard M, Thavorn K, Trikalinos T, Tugwell P, Vachon B, Vaillancourt C, Watson M, Weijer C, Wensing M, Wilson B, Witteman H, Zwarenstein M. *Promoting Implementation of Evidence-Based Care*. Canadian Institutes of Health Research (CIHR) Foundation Scheme: 2014 1st Live Pilot. \$2,128,007 over 7 years.
98. July 2015. *Project Leader*: STIELL I. *Project Experts*: Taljaard M and others. *Improving Care for Emergency Department and Pre-Hospital Patients with Acute and Life-Threatening Conditions*. Canadian Institutes of Health Research (CIHR) Foundation Scheme: 2014 1st Live Pilot. \$2,093,538 over 7 years.
99. July 2015. *Project Leader*: KNOLL G. *Project Experts*: Taljaard M and others. *A Research Program to Improve Patient Outcomes in Kidney Transplantation*. Canadian Institutes of Health Research (CIHR) Foundation Scheme: 2014 1st Live Pilot. \$3,871,800 over 7 years.
100. August 2015. V THIRUGANASAMBANDAMOORTHY, Co-investigators: M Sivilotti; J Morris; C Hohl; P Huang; N Lesage; A Krahn; A McRae; B Rowe; C Morillo; Taljaard, M; K Thavorn; J Guzman; J Brehaut; D Stacey. *Optimal Management of Low-Risk Syncope Patients*. Network for Centers of Excellence: Canadian Arrhythmia Network. \$730,344 over 3 years.
101. August 2015: D STACEY. Co-investigators: France Legare, Rodney Breau, Monica Taljaard. *Implementation of a prostate cancer decision aid within routine clinical practice: Evaluation of patient outcomes and practice variation*. Canadian Cancer Society: \$49,800 over 1 year.
102. July 2015: KOSZYCKI, D. Co-investigators: Bradwejn, Jacques; Grimes, David A; Taljaard, Monica; Tasca, Giorgio. *Interpersonal Psychotherapy for Depressed Patients with Parkinson's Disease*. Canadian Institutes of Health Research. \$360,454 over 4 years.

103. July 2015: MANUEL, DG. Co-investigators: Choi, Bernard; Frank, John W; Jha, Prabhat; Robertson, Tony; Rosella, Laura C; Sanmartin, Claudia; Taljaard, Monica; Tu, Jack V; Wang, Jianli. *Population Health Impact Assessment Tools: Using Population Health Data to Improve Chronic Disease Prediction*. Canadian Institutes of Health Research. \$498,955 over 4 years.
104. May 2015: RITA SURI. Co-investigators: Lafrance, Jean-Philippe; Levin, Adeera; Manns, Braden J; Taljaard, Monica; Walsh, Michael W. *Facilitating Cluster Trials in Dialysis: A National Workshop of Key Stakeholders*. CIHR Planning and Dissemination Grant. \$20,000 over 1 year
105. April 2015: SHI WU WEN, Co-investigators: Mark Walker, Laura Gaudet, Arthur Leader, Monica Taljaard, Anne Sprague, Erin Graves. *Congenital heart disease in infants born to mothers conceived by assisted reproductive technology: a record linkage study with Ontario registries*. The Heart and Stroke Foundation of Canada Grant-in-Aid (GIA). \$147,680 over 3 years.
106. Sep 2014: NOAH IVERS, JEREMY GRIMSHAW, MADHU NATARAJAN, Co-investigators: Jon-David Schwalm, Clare Atzema, Sacha Bhatia, Sherry Grace, Brian Haynes, Jeffrey Hoch, Wanrudee Isaranuwatthai, Sumit Majumdar, Susan Michie, Justin Presseau, Derek So, Sharon Straus, Monica Taljaard, Jack Tu, Holly Witteman, Merrick Zwarenstein. *Interventions to Support Long-term Adherence and Decrease cardiovascular events post-Acute Coronary Syndrome (ISLAND-ACS)*. CIHR Partnerships for Health Systems Improvement \$399,776 from CIHR plus \$80,000 from Ministry of Health and Long-term Care; 2014-2017
107. June 2014: C SMYTHE, P POULIN, Co-investigators: Ian Stiell, Alan Forster, Monica Taljaard, Tim Aubry, Doug Coyle, Greg Bryson, Howard Nathan, John Kowal, Keith Wilson, Jeffrey Freeman, Kim Corace, Clare Liddy, Erin Keely. *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 visits*. PSI Foundation: \$168,000 over 2 years.
108. September 2014: S DUNN, M WALKER, Co-investigators: Ann Sprague; Deshayne Fell; Jeremy Grimshaw; Ian Graham; Monica Taljaard; Graeme Smith; JoAnn Harrold; Wendy Peterson; Elizabeth Darling; Ziad El-Khatib. *Understanding factors related to evidence-informed practice: Attitudes, contextual factors, and barriers to use of the maternal newborn dashboard in Ontario*. Ontario Ministry of Health and Long-term Care: Health Systems Research Fund Capacity Award. \$730,447 over 3 years.
109. September 2014: CORRALES-MEDINA V, Co-investigators: Shawn A, Ruddy T, Taljaard M, Beanlands R, Dwivedi G, Perry J, Rodriguez R, de Kemp R. *Vascular inflammation as measured by 18FDG-PET/CT scan during acute pneumonia: A feasibility study*. Heart and Stroke Foundation of Ontario: \$70,000 over 1 year.
110. February 2014: S DAHROUGE. Co-investigators: Monica Taljaard and others. *The Cardiovascular Health Awareness Program (CHAP): Optimizing the Quality of Chronic Disease Care in the Champlain LHIN: Cardiovascular disease prevention through improved integration of primary care and community resources*. Champlain LHIN: Health System Improvement Proposal (HSIP). \$200,000 over 1 year
111. April 2014: S DUNN, M WALKER, Co-investigators: Ann Sprague; Deshayne Fell; Jeremy Grimshaw; Ian Graham; Monica Taljaard; Graeme Smith; JoAnn Harrold; Wendy Peterson; Elizabeth Darling; Ziad El-Khatib. *Understanding Factors Related to Evidence-*

- Informed Practice: Attributes, Contextual Factors and Barriers to Use of the Maternal Newborn Dashboard in Ontario.* Canadian Institutes of Health Research: \$208,347 over 2.5 years
112. April 2014: DOUG MANUEL. Co-investigators: Joanne Arcand, Didier Garriguet, Deirdre Hennessy, Mary L'abbe, Heather Manson, Laura Rosella, Claudia Sanmartin, Monica Taljaard, Peter Tanuseputro, Jack Tu. *Population Health Impact Assessment Tool for Cardiovascular Disease.* Canadian Institutes of Health Research: \$395,137 over 3 years.
113. March 2014: LANG EDDY, ANDRUCHOW J, BULLARD MJ, EMERY DJ, HOLROYD B, MCRAE AD, ROWE BH; SEVICK RJ. Collaborator: M. Taljaard plus others. *Improving the Stewardship of Diagnostic Imaging Resources in Alberta Emergency Departments.* Partnership for Research and Innovation in the Health System (PRIHS): Alberta Innovates – Health Solutions and Alberta Health Services: \$750,000 over 3 years
114. November 2013: CATHERINE DERI ARMSTRONG, Co-investigators: Clare Liddy, William Hogg, Jack Tu, Monica Taljaard, Simone Dahrouge. *Evaluating the Effectiveness of a Primary Care Quality Improvement Facilitation Initiative.* Ontario Ministry of Health and Long-Term Care, Applied Health Research Question (AHRQ): \$44,450 over 1 year.
115. April 2013: M STEWART, G AGARWAL; O BHATTACHARYYA; S DAHROUGE; L DOLOVICH; RH. GLAZIER; M GREEN; G HAWKER; N IVERS; C LIDDY; P PARISER; S PHILLIPS; M ZWARENSTEIN; Co-investigator: Monica Taljaard (plus others). *Primary Health Care Program: Optimizing Primary Care Reform to improve care and outcomes for patients with multiple complex conditions.* Health System Research Fund, Ontario Ministry of Health and Long-Term Care: \$3.7M over 3 years.
116. July 2013: CORRALES-MEDINA V, Co-investigators: Aaron S, Ruddy T, Taljaard M, Beanlands R, Dwivedi G, Perry J, Rodriguez R, de Kemp R. *An Investigation of the Left Ventricular Afterload During Acute Pneumonia in the Elderly.* Ontario Thoracic Society: \$50,000 over 1 year.
117. October 2013. JOHRI M. Co-investigators: Agarwal, Sumeet ; Anderson, Neil ; Harper, Samuel ; Jit, Mark ; MATHUR, ALOK KUMAR ; Nandi, Arijit ; Seth, Aaditeshwar ; Subramanian, Sankaran Venkata ; Sylvester, Marie-Pierre ; Taljaard, Monica ; Thabane, Lehana ; Verguet, Stephane . *Interventions to increase immunization coverage among children 12-23 months of age in India through participatory learning and community mobilization: cluster randomized trial.* CIHR operating grant. \$628,881 over 5.2 years.
118. October 2013: POULIN P, Co-investigators: Smith A, Nathan H, Harris C, Smyth C, Song X, Ma L, and Taljaard M. *The effect of an Interdisciplinary Program, including Mindfulness-Based Stress Reduction, on Psychosocial Function, Pain Perception, Disability, and Quality of Life in Breast Cancer Survivors with Chronic Neuropathic Pain.* Canadian Institutes of Health Research: \$244,027 over 3 years.
119. September 2013: WELCH VIVIAN, TUGWELL PETER, Co-investigators: White Howard; Grimshaw Jeremy M; Kristjansson Elizabeth A; Moher David; Pantoja Tomas; Petticrew Mark; Pottie Kevin; Shea Beverley J; Wells George A; Taljaard M; Weijer C. *Improving randomized controlled trials for equity-oriented decisions.* Canadian Institutes of Health Research: \$220,442 over 3 years.
120. March 2013: POULIN Patricia. Co-investigators: Nathan H, Smith A, Harris C, Wilson K, Kowal J, Song X, Taljaard M. *The Effect of an Inter-Disciplinary Program, Including Mindfulness Based Stress Reduction, on Psychosocial Function, Pain Perception, Disability*

- and Quality of Life in Breast Cancer Survivors with Chronic Neuropathic Pain. Canadian Breast Cancer Foundation - Ontario Region research project grant program: \$414,080 over 3 years (\$251,512 from CIHR)*
121. March 2013: LIDDY Clare; ASGHARI, S; BECKER M; KAPOSY C; ROURKE S; CAETANO, P; MCGEE F. Co-investigator: Taljaard, M (plus others). *Advancing Primary Healthcare for persons living with HIV in Canada. CIHR Community-based Primary Healthcare Team Grant: \$2.5M over 5 years.*
122. April 2013: WEST L, CAULFIELD T, HERBERT MJ, HUMAR A, KESHAVJEE S, KNOLL G, LEVINGS MK, MITAL S, ROY D, SCHULTZ K, Co-investigators: Allen U, Alwayn I, Blydt-Hansen T, Chandler J, Foster B, Gill J, Grimshaw J, Hemmelgarn B, Keown P, Kim S, Klarenbach S, Lachance S, Levy G, Liu M, Madrenas J, McManus B, Muruve D, Nicholas D, Nickerson P, Perreault C, Squires JE, Taljaard M, Tibbles L, Toze C, Wall D, White M, Wishart D. *Canadian National Transplant Research Program: Increasing Donation and Improving Transplantation Outcomes. CIHR program grant in Transplantation Research: \$14.3M over 5 years.*
123. March 2013: CURRAN J. Co-investigators: Grimshaw J, McGrath P, Chorney J, MacPhee S, Burns E, Plint A, Jabbour M, Zemek R, Taljaard M, Klassen T, Newton A, Wright B, Johnson D. *Understanding Discharge Instructions for Children and Caregivers in the Transition from Pediatric emergency Care. CIHR- NSHRF Regional Partnership Program Operating Grant: \$435,804 over 3 years.*
124. March 2013: MILLS EDWARD. Co-investigators: Ford, Nathan; Bakanda, Celestin; Birungi, Josephine; Cameron, D. W; Cooper, Curtis L; Guyatt, Gordon H; Karlan, Dean; Montaner, Julio S; Parkerson, Douglas; Taljaard, Monica; Thabane, Lehana; Wood, Evan; Yaya, Sanni. *Microfinance opportunities to improve quality of life and clinical outcomes among HIV+ patients in Africa: A randomized trial Canadian Institutes of Health Research: \$523,950 over 3 years.*
125. September 2012: CALDER L. Co-investigators: Borgundvaag B, Daoust R, Emond M, Forster A, Lang E, Perry J, Rowe B, Sivilotti M, Stiell I, Taljaard M, Thiruganasambandamoorthy V, Wells G. *A Multicenter Prospective Cohort Study of Adverse Events Among Patients Discharged with Sentinel Cardiovascular Emergency Department Diagnoses. Canadian Institutes of Health Research. \$428,830 over 3 years.*
126. April 2012: JABBOUR M, JOHNSON D. Co-investigators: Coyle D, Curran J, Ducharme F, Grimshaw J, Guttman A, Klassen T, Loughheed M, Mcnaughton-Filion L, Newton M, Paprica A, Rotter T, Scott S, Shafir M, Taljaard M. *Best Strategies for Implementation of Clinical Pathways in Emergency Department Settings. Canadian Institutes of Health Research: \$609,820 over 3 years 6 months.*
127. July 2012: NATHAN H, Co-investigators: Gilron I, Kowal J, Lochnan H, Poulin P, Sorisky A, Taljaard M, Van Uum S. *The Effect of an Inter-Disciplinary Program, Including Mindfulness Based Stress Reduction, on Psychosocial Function, Pain and Metabolism in Patients with Painful Diabetic Peripheral Neuropathy. Canadian Diabetes Association: \$138,542 over 2 years.*
128. March 2012: OOI TC, Co-investigators: Chretien M, Majambu M, Taljaard M. *Effect of PCSK9 variants on postprandial lipemia in humans. Heart and Stroke Foundation of Ontario: \$140,000 over 2 years.*
129. April 2012: LIDDY C. Co-investigators: Hogg W, Dahrouge S, Taljaard M, Deri Armstrong C, Wells G, Russell G. *Improved Delivery of Cardiovascular Care (IDOCC)*

- through Outreach Facilitation. Canadian Institutes of Health Research: \$429,302 over 3 years.*
130. June 2011. MURRAY M, BISSONNETTE, J; Co-investigators: Brownrigg R; Taljaard, M; Laprise P; Biyani M; Lavoie S D; McCormick B; Zimmerman D. *A pilot study to develop a predictive tool for assessing the risk of peritoneal dialysis technique failure for patients receiving Peritoneal Dialysis therapy. Baxter Clinical Evidence Council: \$110,000 over 3 years.*
131. September 2011: FORSTER A, Co-investigators: Van Walraven C, Buckeridge D, Bélanger-Hardy L, Taljaard M, Tamblyn R, Chreim S, Wilson K. *The use of eTriggers to Systematically Detect and manage Adverse Events. Ontario Research Fund-Research Excellence Round 5 competition. Ministry of Research and Innovation: \$1,686,027 over 5 years.*
132. January 2011: MILLS, EJ. Co-investigators: Cooper C, Guyatt G, Karlan D, Montaner J, Achilla T, Babirye F, Bakanda C, Birungi J, Mwesigwa R, Parkerson D, Raffler P, Taljaard M, Thabane L. *Microcredit loan opportunities to improve quality of life and clinical outcomes in HIV+ patients: A pilot cluster randomized trial. Canadian Institutes of Health Research: \$347,735 over 2 years.*
133. May 2010: BRYSON GL; Co-investigators: Nathan, H; Power B; Man Song Hing, M; Clavel N; Moga R; Taljaard M. *A prospective evaluation of functional recovery and caregiver burden among elderly patients undergoing ambulatory surgery. Canadian Anesthesiologists' Society (CAS): \$40,000 over 1 year.*
134. May 2010: CHAPUT, A; Co-investigators: Yang, H; Nathan, H; Bryson, G; Neilipovitz, D; Skinner, C; Finlay, S; Wozny, D; Taljaard, M. 2010. *A pilot study to evaluate the polysomnographic effects of pregabalin in post-operative patients. Canadian Anesthesiologists' Society (CAS): \$10,000 over 1 year.*
135. March 2010: DAVIES B, Co-investigators: Higuchi K, Murray M, Ireland S, Ploeg J, Taljaard M. *Guideline Implementation for Improved Client/Patient Outcomes: Evaluation of a Sustainability Action Framework. Registered Nurses Association of Ontario: \$224,392 over 3 years.*
136. December 2009: MBIKAY M, Co-investigators: Chretien M, Mayne J, Ooi, TC, Taljaard M. *PCSK9 as a Cholesterolemia-Regulating Gene: Identification and Characterization of Genetic Polymorphisms in Shanghai and Ontario Chinese Populations. CIHR-NSFC: \$150,000 over 3 years.*
137. September 2009: CHIU M, Co-investigators: Lui A, Bryson G, Chadwick C, Segal R, Cross P, Evans H, Taljaard M. *Efficacy of Thoracic Paravertebral Block in Reducing Chronic Pain and Disability after Breast Cancer Surgery with Lymph Node Dissection. Canadian Breast Cancer Foundation: \$259,000 over 3 years.*
138. April 2009: GRIMSHAW, JM; STRAUS SE. Co-investigator: Taljaard M (plus others). *Knowledge Translation Canada: A CIHR Strategic Training Initiative in Health Research. CIHR Training Grant: \$1,778,626 over 6 years.*
139. March 2009: FORSTER A, Co-investigators: Roth V, Wilson K, van Walraven C, Taljaard M. *Predicting Clostridium difficile-associated diarrhea risk and impact. Canadian Patient Safety Institute: \$64,000 over 1 year.*
140. June 2008: MBIKAY M, Co-investigators: Mayne J, Ooi TC, Chretien M, Taljaard M. *PCSK9 genetic variants, hypocholesterolemia and diabetes in African-Canadians. Heart and Stroke Foundation of Ontario: \$50,000 over 2 years.*

141. April 2008: GODIN G; GRIMSHAW JM; HAYNES RB; JOHNSON DW; LAUPACIS A; LAVIS JN; LEGARE F; MAJUMDAR SR; O'CONNOR AM; SALES AE; STRAUS SE. Co-investigator: M. Taljaard (plus others). *Knowledge Translation Canada: A National Research Network*. Team Grant: CFI/CIHR Regional/National Clinical Research Initiatives; \$9,795,574 over 5 years
142. March 2008: STEWART DJ, Co-investigators: Kutryk MJB, Courtman DW, Ward MR, Goodman SG, Parker TG, Dick AJ, Galipeau J, Taljaard M. *eNOS and Cell Therapy: Acute Myocardial Infarction (ENACT-AMI) Trial*. Canadian Institutes of Health Research; \$1.3M over 3 years.
143. January 2008: KOSZYCKI D, Co-investigators: Bradwejn J, Flament MF, Gow RM, J Kennedy JL, Merali Z, Schneider BH, Taljaard M. *Children at Risk for Panic Disorder*. Canadian Institutes of Health Research; \$761,930 over 5 years.
144. October 2007: STACEY D, Co-investigators: Hawker G, O'Connor A, Dervin G, Meltzer D, Taljaard M, Tomek I, Tugwell P. *Are patient decision aids for total joint replacement cost-effective and do they optimize the surgical referral process from primary care?* Foundation for Informed Medical Decision-making. \$100,000 over 1 year.
145. September 2007 : KLASSEN T et al. (M. Taljaard: Collaborator). *Improving outcomes for ill and injured children in emergency departments: A comprehensive, multi-centered approach using a unique, iterative paradigm of clinical research and knowledge translation*. CIHR Team grant: \$1,205,374 over 5 years.
146. June 2007: OOI TC, Co-investigators: Meggison H, Taljaard M, Hill A. *Improving the assessment of Hypothalamic Pituitary Adrenal Function in Acute Stress*. Physicians' Services Incorporated Foundation. \$152,160 over 2 years.

## **INTERNAL FUNDING**

### **MT as Principal or co-principal investigator:**

1. March 2025. Co-PIs: K YADAV, M Taljaard. *Naproxen versus placebo as adjunct treatment of cellulitis: a randomized controlled trial*. TOHAMO Innovation Fund. \$98,000 over 1 year.
2. March 2025. Co-PIs: J PERRY, M TALJAARD. *Prospective Validation of the Sudbury Vertigo Risk Score*. TOHAMO Innovation Fund. \$99,000 over 1 year.
3. March 2023. Co-PIs: K YADAV, M TALJAARD. *High-Dose Cephalexin for Cellulitis (HI-DOCC): A Randomized Controlled Trial*. The Ottawa Hospital Academic Medical Organization (TOHAMO). \$99,500 over 1 year.
4. January 2021. BOET S (PI), Castelluci L (Co-PI), Fergusson D (Co-PI), Katznelson R (Co-PI), MacDonald J (Co-PI/Knowledge User), Taljaard M (Co-PI) et al. *Multicentre randomized clinical trial of hyperbaric oxygen therapy for COVID-19*. The Ottawa Hospital Academic Medical Organization (TOHAMO Innovation Fund); December 2020 (1 year: \$100,000).
5. March 2018. LAURALYN MCINTYRE (Nominated PI), CO-PI: DEAN FERGUSSON, MONICA TALJAARD. Co-investigators: Andrew Seely, Colin McCartney, Ian Stiell, Alies Maybee, John Marshall, Raphael Saginur, John Muscedere, Claudio Martin, Shane English, Kusum Menon, Deborah Cook Alan Forster, Alison Fox Robichaud, Steven Hawken, Jamie Brehaut, Kednapa Thavorn, Ian Graham. *Crystalloid FLUID Choices for Resuscitation of*



*Hospitalized Patients in Ontario: A Pragmatic Comparative Effectiveness Trial (FLUID)*. TOHAMO AHSC AFP Innovation Fund. \$99,819 over 3 years.

6. March 2017. Co-PIs: THAVORN K, MCINTYRE L, TALJAARD M. Co-investigators: Doug Coyle; Murray Krahn; Fergusson, Dean; Rob Fowler; Alan Forster; Deborah Cohen; Christopher Doig; D Sweet. Using Big Data to Assess the long-term health care utilization, costs and mortality associated with Sepsis. TOHAMO Innovation Fund. \$95,618 over 2 years.

### **MT as Co-investigator:**

1. March 2025. PI: JEFFREY PERRY. Co-investigator: M Taljaard and others. *Sphenopalatine Nerve Ganglion Block for Acute Benign Headaches in the Emergency Department: A Pilot Randomized Controlled Trial*. TOHAMO Innovation Fund. \$100,000 over 1 year.
2. March 2024. PI: DEREK MACFADDEN. Co-investigator: M Taljaard and others. *Home-based built environment sampling for Mycobacterium tuberculosis to support household transmission risk assessment in pulmonary tuberculosis (HOMESTEAD)*. TOHAMO Innovation Fund. \$98,000 over 2 years.
3. March 2024. PI: SYLVIE AUCOIN & MANOJ LALU. Co-investigator: Daniel I McIsaac, Michael Jacka, Emily Hladkowitz, Gurliie Kidd, Monica Taljaard, Leandra Amado, Shirley Huang, Allen Huang, Colleen McFaul, Daniel Dubois, Calvin Thompson, Sarah Tierney, Sylvain Gagne, Russell Christie. *Virtual, Innovative, postsurgical Care To Optimize Return home for older people with frailty: The VICTORY Pilot Trial*. TOHAMO Innovation Fund: \$99,400.00 over 3 years
4. January 2024. PI: J. PERRY. Co-investigators: D. Eagles, C. Fehlmann, D. McIsaac & M. Taljaard. *Non-operative versus surgical treatment in patients with acute surgical pathology – A population study-based cohort study proposal*. Department of Emergency Medicine Academic Grant submission. \$10,000 over 1 year.
5. March 2023. PI : STIELL I. Co-investigator : Monica Taljaard and others. *RAFF5 Proposal: Project to Improve the Quality & Safety of the Immediate and Subsequent care of Patients Seen in the ED with Acute Atrial Fibrillation and Flutter*. TOHAMO Innovation Fund: \$99,000 over 1 year.
6. March 2023. PI : Dr. SHAWN MARSHALL. Co-Investigator : Monica Taljaard and others. *Candrive Older Driver Risk Stratification Tool – Primary Care Implementation Feasibility and Validation Study*. Bruyère Academic Medical Organization. \$107,466.73 over 1 year.
7. May 2022. PI : Dr. TYLER LAMB. Co-investigators : M Taljaard and others. *Evaluation of Massive Transfusion Protocol Activation Efficiency and Wastage of Blood Products in Patients with Traumatic Hemorrhage*. PSI Foundation Resident Research Grant. \$29,500.00 over 1 year.
8. April 2022. Co-principal investigators: DENIS-LEBLANC, MANON AND BOET, SYLVAIN. Co-investigators: Desjardins C, Truong S, Rodrigue F, Taljaard M, Tremblay S. Effet d'une intervention de coaching sur le bien-être et la détresse des médecins francophones dans les communautés francophones en situation minoritaire: un essai contrôlé randomisé. Programme de soutien aux projets de recherche émergents, Consortium National de Formation en Santé – Volet Université d'Ottawa. \$15,000.00 (CAD) over 1 year.
9. April 2022. VENKATESH THIRUGANASAMBANDAMOORTHY. Co-Investigator: Monica Taljaard and others. *REmote cardiac MONitoring of at-risk SYNCope patients after*

- Emergency Department discharge – A Randomized Controlled Trial: REMOSYNCED.* TOHAMO Innovation Fund. \$98,900 over 1 year.
10. April 2022. SYLVAIN BOET. Co-investigators: C Etherington, D Fergusson, M Gautam, C Gomez, V Roth, C Love, N Fleming, M Denis-LeBlanc, D Lupea, A Sriharan, M Taljaard. *Effect of a life coaching intervention on the well-being and distress of physicians: a randomized clinical trial.* TOHAMO Innovation Fund . \$99, 945 over 1 year.
  11. April 2022. DAN MCISAAC. Co-Applicants: D Fergusson, M Taljaard, R Khadaroo, R Breau, S Nagpal, H Moloo, L Lavallee, T Le, A Huang, B Power, S Boet, GL Bryson, M Lalu, C McCartney, L Boland, A Forster, K Thavorn, C van Walraven, D Trottier, A Meliambro. *PREPARE Trial: A Parallel Arm Randomized Trial of Frailty-focused PReoperative Exercise to decrease PostoperAtive disability scoreS.* 2021-2022 TOHAMO Innovation Fund. \$97,700 over 1 year.
  12. January 2022. EAGLES D. Co-investigator: Monica Taljaard and others. *Frailty Evaluation in the Emergency Department.* TOHAMO Innovation Fund. \$98,350 over 2 years.
  13. January 2022. STIELL I. Co-investigator: Monica Taljaard and others. *RAFF5 Project to improve the quality and safety of the immediate and subsequent care of patients seen in the ED with acute atrial fibrillation and flutter.* TOHAMO Innovation Fund. \$98,564 over 1 year.
  14. January 2022. VAILLANCOURT C. Co-investigator: Monica Taljaard and others. *Innovative Use of Machine-Learning Algorithm Assistance to Rapidly Recognize the Presence of Sudden Cardiac Arrest and Initiate Life-Saving CPR Instructions During Conversations Between 9-1-1 Callers & Telecommunicators.* TOHAMO Innovation Fund. \$99,400 over 2 years
  15. August 2021: TERRY NG and VIMOJ NAIR. Co-investigators: Daniel Figeys, Alain Stintzi, John Sinclair, Eve Tsai, Thanh Nguyen, John Woulfe, Gerard Jansen, Monica Taljaard. *The influence of gut microbiome on therapeutic outcomes after chemo-radiation therapy for glioblastoma.* The Gavin Murphy Fund: \$ 41,550 over 1 year.
  16. August 2021. BOET S (PI), Etherington C, Gautam M, Gomez C, Denis-Leblanc M, Lupea D, Muggah E, Sharda S, Sriharan A, Taljaard M. *Effect of a life coaching intervention on the well-being of anesthesiologists across intersecting equity-seeking identities: A randomized clinical trial.* University of Ottawa Department of Anesthesiology and Pain Medicine Research Operating Grant. \$15,000 CAD over 1 year.
  17. July 2021. BOET S, Gagné S, Moffet S, Duffy P, Thompson C, Wherret C, McIsaac D, Sun L, Fergusson D, Etherington N, Taljaard M, Thavorn K, Booth R, Castellucci L, Laurie Proulx, Roth V, et al. *Multicentre Randomized Controlled Trial of Hyperbaric Oxygen Therapy for COVID-19 patients.* University of Ottawa Anesthesiology and Pain Medicine (UOAPM) Scholarship Grant. \$25,390.65 over 1 year.
  18. January 2021. PI: TYLER LAMB. Co-I: Monica Taljaard and others. *Impact of Delayed Intervention in Patients with Traumatic Hemorrhage: A Study of Clinical Outcomes, Hospital Costs, and Accuracy of Resident Predictions.* 2020 TOHAMO Quality & Patient Safety project. \$8,000 over 1 year.
  19. January 2021. THIRUGANASAMBANDAMOORTHY V. Co-investigator: Monica Taljaard and others. *Implementation of Canadian Syncope Risk Score based Practice Recommendations for Emergency Department Syncope Management - A Pilot Study.* TOHAMO Innovation Project. \$100,000 over 2 years.

20. January 2021. NG TERRY (PI) and SAVARD, MARIE-FRANCE (Co-PIs). Co-investigators: Monica Taljaard and others. *A randomized, multicenter pragmatic trial comparing bone pain from a single dose of pegfilgrastim to 5 doses of daily filgrastim in breast cancer patients receiving neoadjuvant / adjuvant chemotherapy (REaCT G-CSF).* TOHAMO Innovation Project. \$100,000 over 2 years
7. June 2020. BOET S (PI), Audette A, Brehaut JC, Burns JK, Cheung W, Etherington N, Grimshaw J, Hamilton S, McCartney C, Posner G, Roth V, Sun L, Taljaard M. *Protecting healthcare workers during the COVID-19 pandemic: Improving safe usage of Personal Protective Equipment by video feedback.* TOHAMO Innovation Fund. \$100,000 over 1 year.
8. September 2019. YADAV KRISHNAN (PI). Co-investigators: Monica Taljaard and others. *Effectiveness and cost-effectiveness of an ED-to-OPAT Clinic Model for Adults with Skin and Soft Tissue Infections.* The Ottawa Hospital Academic Medical Organization (TOHAMO) Quality and Patient Safety Grant, \$19,984 over 1 year
9. March 2019. MCISAAC D (PI). Co-investigators: Dean Fergusson, Monica Taljaard, Rodney Breau, Husein Moloo, Luke Lavalley, Sudhir Nagpal, Tien Le, Allen Huang, Barbara Power, Gregory Bryson, Sylvain Boet, Colin McCartney, Manoj Lalu, Laura Boland, Alan Forster, Carl van Walraven, Kednapa Thavorn, Daniel Trottier, Jean-Michel Aubin, Rachel Khadaroo, John Muscedere, Patient / family advisors. *PREPARE Trial: A Parallel Arm Randomized Trial of Frailty-Focused Preoperative Exercise to Decrease Postoperative Disability Scores.* The Ottawa Hospital Academic Medical Organization (TOHAMO) Innovation Fund, \$100,000 over 1 year
10. March 2019. THIRUGANASAMBANDAMOORTHY V (Principal investigator). Co-investigators: Christian Vaillancourt, Justin Pousseau, Jamie Brehaut, Monica Taljaard, Ian Graham. *Implementation of the Canadian Syncope Risk Score: Phase-1.* The Ottawa Hospital Academic Medical Organization (TOHAMO) Innovation Fund, \$100,000 over 1 year
11. March 2019. BOET S (PI), Brehaut J, Britton M, Crnic A, Etherington N, Graham I, Grimshaw J, Kitto S, Kenna J, Le M, Madore S, McCleary N, Pousseau J, Pysyk C, Proulx L, Singh S, Taljaard M, Walker M, Sekhon M. *From teamwork to "Lean" work: Applying industry production principles to enhance quality and safety in the operating room.* The Ottawa Hospital Academic Medical Organization (TOHAMO) Innovation Fund, \$97,500 over 1 year.
12. March 2018. DANIEL MCISAAC. Co-investigators: D Manuel, Carl van Walraven, M Taljaard, D Stacey, L Boland, K Thavorn, S Gagne, GL Bryson, H Yang, C Pysyk, L Lavalley, H Moloo, A Forster, K Wilson. *A patient-oriented risk communication tool to improve patient experience, knowledge and outcomes after elective surgery.* TOHAMO AHSC AFP Innovation Fund. \$100,000 over 2 years.
13. January 2018. ALEXANDRE TRAN. Principal Faculty Supervisor: Dr. Jacinthe Lampron. Co-Applicants: Dr. Monica Taljaard, Dr. Jeffrey Perry, Dr. Maher Matar, Dr. Chad Ball, Dr. Paul Engels, Dr. Barto Nascimento, Dr. Kelly Vogt, Dr. Emilie Joos, Dr. Kosar Khwaja, Dr. Ewout Steyerberg, Dr. Christian Vaillancourt. *Current Practices and Challenges in Assessing Traumatic Hemorrhage: An International Survey of Traumatologists.* University of Ottawa Trauma Team Lead Grant. \$6000 over 1 year.
14. March 2018. CHRISTIAN VAILLANCOURT; ALEXANDRE TRAN; Monica Taljaard; Ewout Steyerberg; Jacinthe Lampron; Maher Matar; Jeffrey Perry; Shannon Fernando; Chad Ball; Paul Engels; Barto Nascimento. *Clinical Decision Score for Patients Requiring Major*

- Interventions for Traumatic Hemorrhage: Prospective Validation, Refinement and Provider Perspectives.* TOHAMO AHSC AFP Innovation Fund. \$98,142.80 over 1 year
15. January 2018. LALU M and McISAAC D. Co-investigators: Yang H, Johnson C, Gagne S, Ernst J, Fergusson D, Feng S, Taljaard M, Boet S, Karovitch A, Oake S, Kubelick D, Shaw J, Chan J, Montroy J. *Pathways of care and clinical outcomes following implementation of the new CCS guidelines: an interrupted time series analysis.* TOHAMO AHSC AFP Innovation Fund. \$99,841 over 1 year.
  16. January 2018. SCHWALM JD; SHETH TEJ. Co-investigators: Natarajan MK, Tsang M, Lamy A, Landry D, Dobranowski J, Kakani N, Taljaard Monica. *Coronary Computed Tomographic Angiography to optimize the diagnostic yield of invasive angiography in lower risk patients.* HAHSO AFP Innovation grant competition. \$181,139.45 over 2 years.
  17. September 2017. DANIEL I MCISAAC. Co-investigators: Wilson, Kumanan; Manuel, Douglas; Van Walraven, Carl; Taljaard, Monica; Stacey, Dawn; Laura Boland; Thavorn, Kednapa; Gagne, Sylvain; Bryson, Gregory; Yang, Homer; David MacDonald; Lavallee, Luke; Moloo, Husein; Forster, Alan; Pysyk, Christopher. *Improving patient experience through patient-oriented, personalized preoperative risk communication.* TOHAMO Quality & Patient Safety Grant – 2017. \$18,200.00 over 1 year.
  18. September 2017: MANISHA KULKARNI. Senior Faculty mentor: Monica Taljaard. *Pan-African Malaria Vector Research Consortium in collaboration with the London School of Hygiene and Tropical Medicine.* University of Ottawa, Office of the Vice President, Research-Access to Research Networks (ARN) Program \$75,000 over 3 years plus \$2500 for proposal development.
  19. March 2017: PATRICK WONG; GEOFF DERVIN. Co-investigator: Monica Taljaard. *Does Continuous Adductor Canal Nerve Block Improve the Quality of Recovery for Outpatient Total Knee Arthroplasty Patients?* TOHAMO Innovation Fund \$65,408 over 1 year.
  20. March 2017: DEBRA EAGLES. Co-investigators: Dr. Ian Stiell, Dr. Frank Molnar, Dr. Monica Taljaard, Dr. Justin Presseau, Dr. Guy Hebert, Laura Wilding, Yvonne Wilson, Ioanna Genovezos. *An Interdisciplinary Project to Implement a Nursing Delirium Screening Protocol for older Emergency Department Patients.* TOHAMO Innovation Fund \$96,357 over 1 year.
  21. May 2017: BOET S, McConnell M, Grimshaw J, Etherington N, Calder L, Kitto S, Britton M, Singh S, Posner G, Raiche I, Brehaut J, Presseau J, Duffy M, Taljaard M. *Enhancing surgical care and outcomes through education and knowledge translation (Phase 1): Advancing intraoperative teamwork assessment with the Operating Room Black Box.* University of Ottawa Anesthesiology and Pain Medicine Research (UOAPM) Grants Competition, \$27,500 over 1 year.
  22. April 2017. BOET S, Etherington N, Grantcharov T, Grimshaw J, McIsaac D, Bryson G, Taljaard M. *Using closed-loop communication to change patient safety culture in the OR: Proof of concept.* Department of Anesthesiology and Pain Medicine, The Ottawa Hospital, Request for Proposals: Innovation in Patient Care and Experience, \$75,270 (CAD) over 2 years.
  23. January 2017. FAHAD ALKHERAYF. Co-investigator: Monica Taljaard. *Non-Invasive Detection of IDH Mutant Positive Glioma by Magnetic Resonance Spectroscopy.* The Joan Sealy Trust. \$44,700 over 2 years.
  24. January 2017: SCHWALM J-D; Natarajan M; Ivers I; Grimshaw J; Taljaard M; Dolovich L; Tu J, Sven Pallie. *Length of Initial Prescription at Hospital Discharge and Long-term*

- Medication Adherence for Elderly Patients Post-Myocardial Infarction: An Interventional Study – Myocardial Infarction Prescription Adherence Duration (MIPAD) Study.* Hamilton Academic Health Sciences Organization (HAHSO) Innovation Grant competition. McMaster University. \$150,000 over 2 years.
25. May 2016. DANIEL I McISAAC. Co-investigators: Manoj M. Lalu; Gagne, Sylvain; Huang, Allen; Power, Barbara; Forster, Alan; Moloo, Husein; Lavalley, Luke; Van Walraven, Carl; Bryson, Gregory; Monica Taljaard. *Optimizing the Care of Frail Elderly Patients in the Perioperative Period (Phase 3): A pilot randomized controlled trial of prehabilitation of frail elderly patients before elective cancer surgery.* University of Ottawa Anesthesia Research 2016 Operating Grant: \$48,459 over 1 year.
  26. May 2016: PATRICIA A. POULIN. Co-investigators: Szeto, Michael; Gagne, Sylvain; Nathan, Howard; Taljaard, Monica; Smyth, Catherine. *Effects of a peri-operative brief mindfulness based intervention on post-operative pain and disability among anxious patients with chronic pain undergoing hip arthroplasty– a feasibility and acceptability pilot randomized, double-blind, placebo-controlled trial.* University of Ottawa Anesthesiology Research Grant. \$35,622 over 1 year.
  27. September 2015. KYLE KIRKHAM, DUMINDA WIJESUNDERA, JEREMY GRIMSHAW. Co-investigators: Janet Squires; Monica Taljaard; Kednapa Thavorn; Greg Bryson; Sacha Bhatia. *Does a theory-based intervention to improve accountability reduce low-value preoperative investigations in patients undergoing ambulatory surgery?* Academic Health Science Centre Alternative Funding Plan (AHSC AFP) Innovation fund. \$180,444 over 2 years.
  28. September 2015. WENDY GIFFORD. Co-investigator: M Taljaard and others. *Leadership for implementing evidence-based care for falls in long-term care.* University of Ottawa and Faculty of Health Science Research Development Program - Bridge Funding. \$10,000 over 1 year.
  29. September 2015. HARRISON D, Dunn S, Graham I, Harrold J, Larocque C, Nicholls S, Nicholls B, O'Flaherty P, Reszel J, Squires J, Stevens B, Taljaard M, Trépanier MJ. *Be Sweet to Babies: Moving effective pain management Knowledge to action – A pilot study.* University of Ottawa Research Development Program (RDP) – Bridge Funding. \$9,968.45 over 1 year.
  30. September 2014. CHEEMUN LUM. Co-Investigator: M. Taljaard and others. *Next-day Discharge After Elective Intracranial Aneurysm Coiling: Feasibility and Safety.* TOHAMO Innovation Fund. \$36,500 over 1 year.
  31. September 2014. VENK THIRUGANASAMBANDAMOORTHY. Co-Investigator: M. Taljaard and others. *Out-of-Hospital Live Cardiac Monitoring of Syncope Patients at Risk for Serious Arrhythmias after Emergency Department Discharge – A Pilot Randomized Study.* TOHAMO Innovation Fund. \$94,757 over 2 years.
  32. June 2014: ABUJRAD H, Ooi T.C, Taljaard M. *PCSK9 and Pro-inflammatory Cytokines in Patients with Chronic Kidney Disease on Hemodialysis.* University of Ottawa Department of Medicine; \$26,304 over 1 year.
  33. May 2014: CHRIS PYSYK. Co-investigator: Gregory Bryson, Manoj Lalu, McIntyre, Lauralyn; Forster, Alan; Boet, Sylvain; Taljaard, Monica; McFaul, Colleen. *Hydroxyethyl starches solutions and kidney injury at TOH.* Department of Anesthesiology, University of Ottawa Research Fund: \$25,000 over 1 year.

34. September 2013: BOET S; Bryson G, Clavel N; Brehaut J; Taljaard M, Forster A; Mohammed K; McIssacc D; Pysyk C; Grimshaw J. *Effect of Audit and Feedback on Physicians' Perioperative Temperature Management and Patient Outcomes: A Three-arm Cluster Randomized Controlled Trial to Compare Benchmarked and Ranked Feedback*. TOHAMO Innovation Fund; \$100,000 over 1 year.
35. September 2013: SMYTH C; Poulin P; Stiell, I; Taljaard M, Forster, A; Coyle, D; Bryson G; Kowal J; Wilson K; Freeman J; Liddy C; Keely E. *Take the Pain Out of the Emergency Department through a Rapid Inter-professional Pain Assessment Program (RIPAP) Linked to Primary Care*. TOHAMO Innovation Fund. \$99,000 over 2 years.
36. August 2013: CORRALES-MEDINA V, Shawn A, Ruddy T, Taljaard M, Beanlands R, Dwivedi G, Perry J, Rodriguez R, de Kemp R. *Vascular inflammation as measured by 18FDG-PET/CT scan during acute pneumonia: A feasibility study*. University of Ottawa, Department of Medicine Research Priority Awards Programs competition. \$111,758 over 2 years.
37. December 2012: YANG H, Geoff Dervin; Susan Madden; Kent Woodhall; Kathy Momtahan; Monica Taljaard. *Postop Home Monitoring after Joint Replacements (POHM)*. TOHAMO Innovation award; \$100,000 over 2 years.
38. May 2011: SCHWALM J-D, Ivers N, Grimshaw J, Taljaard M. *Delayed Educational Reminders for Long-term medication Adherence in ST-Elevation Myocardial Infarction (DERLA-STEMI): Cluster-randomized controlled trial*. New Investigator Fund, Hamilton Health Sciences; \$50,000 over 1 year
39. March 2011: PIERRE CARDINAL, Redouane Bouali, Susan Brien, Frances Fothergill-Bourbonnais, Jeremy Grimshaw, Paul Hendry, Rick Hodder, John Kim, Angele Landriault, Louise McNaughton-Filion, Rakesh Patel, Aimee Sarti, Stephanie Sutherland, Monica Taljaard, Timothy Willett. *REACHout: A collaborative project and feasibility study to improve the care of critically ill patients of the Champlain LHIN*. TOHAMO Innovation award. \$100,000 over two years.
40. March 2008: GARTKE K, Lui A, Persaud D, Singh R, Taljaard M, Bell K, Huntley P. *Continuous Popliteal Block (CPB) for Postoperative Pain Control After Foot and Ankle Surgery: What is The True Risk of Neuropathic Sequelae, How Significant are they and can Preoperative or Perioperative Risk Factors be Identified?* Centre For Patient Safety, The Ottawa Hospital. \$10,000 over 1 year, 2008-2009.
41. March 2008: SUH K. Co-investigator: Taljaard M and others. *Improving the quality of environmental cleaning and disinfection through use of a novel fluorescent targeting method*. Centre For Patient Safety, The Ottawa Hospital. \$14,875 over 1 year.

### **Trainee awards**

1. September 2024. Yutong Chen. Canadian Network for Statistical Training Fellowship award: \$70,000 over 1 year.
2. July 2024. Cory Goldstein. HDRN Canada Pragmatic Trials Training Program salary award. \$32,500 over 1 year.
3. September 2024. Julia Shaw. Ontario Graduate Scholarship. \$15,000 for one year
4. April 2024. Emily Hladkowicz. *Virtual, Innovative, postsurgical Care To Optimize Return home for older people with frailty: the VICTORY randomized trial*. CIHR post-doctoral fellowship: \$135,000 over 3 years.

5. January 2024. Julia Shaw. *Methodological issues in longitudinal cluster randomized trials*. CANadian Consortium of Clinical Trial TRAINing Platform-Clinical Trials Training Programs: Doctoral studentship. \$17,500 over 1 year.
6. September 2023. Caroline Lee. Canadian Network for Statistical Training Fellowship award: \$70,000 over 1 year.
7. September 2023. Cory Goldstein. *Ethical issues in pragmatic randomized controlled trials: conducting ethical and empirical analyses to propose solutions*. CIHR Post-doctoral fellowship: \$135,000 over 3 years.
8. October 2022. Yongdong Ouyang. *Robust evaluation of innovative technologies to support decision-making: development and implementation of the Ottawa Hospital Evaluation Toolkit for healthcare innovations*. CIHR Health Systems Impact Fellowship. \$140,000 over 2 years
9. July 2021. Ahmed Al-Jaishi. *Methodological issues in the design and analysis of cluster randomized controlled trials in hemodialysis*. CIHR post-doctoral Fellowship: \$135,000 over 3 years
10. October 2014. Kenneth Kwong (University of Ottawa, Epidemiology and Community Medicine). Long-term Mortality and Vascular Event Risk after Transient Ischaemic Attack. Canada Graduate Scholarships - Michael Smith Foreign Study Supplements. \$5,828 over 4 months.
11. September 2009-August 2010. Shazia Chaudhry (University of Ottawa, Epidemiology and Community Medicine). Ethical and Policy Issues in Cluster Randomized Trials. Master's Award: Frederick Banting and Charles Best Canada Graduate Scholarships. \$17,500 over 1 years

## PUBLICATIONS

### Life-time summary:

Books authored	0
Books edited	0
Refereed Chapters in books	3
Papers in refereed journals	504
Invited presentations and workshops	124
Abstracts and/or papers read	312
Technical reports	4

### Refereed Chapters in books:

1. B Goulao, EW Verkerk, K Thavorn, J Pesseau, **M Taljaard**. Evaluating De-Implementation Interventions: Phase 3. In: *How to reduce overuse in healthcare* (eds. T Kool, AM Patey, S van Dulmen, JM Grimshaw. Wiley Blackwell. 2024.
2. **Taljaard M**, Weijer C, and Grimshaw J. (2013) Ethical issues in cluster-randomized trials in knowledge translation. In: *Knowledge Translation in Health Care: Moving from Evidence to*

*Practice* (eds S. E. Straus, J. Tetroe and I. D. Graham), John Wiley & Sons, Ltd, Chichester, UK. doi: 10.1002/9781118413555.ch34

3. **Taljaard, M.**, Weijer, C., Grimshaw, J.M., 2015. Cluster Randomized Trials, Ethical Implications of. In: James D. Wright (editor-in-chief), *International Encyclopedia of the Social & Behavioral Sciences*, 2nd edition, Vol 3. Oxford: Elsevier. pp. 897–905.

### **Papers in Refereed Journals:**

\*= trainee

#### **2024 (IF>5: 19) (1<sup>st</sup> or last: 8)**

1. Bryn Tannar et al. Cultivating Innovative, Pragmatic, Randomized Controlled Registry Trials Embedded in Hemodialysis Care: Conference Proceeding from Gardener’s Grove 2023. *CJKHD*. Accepted: December 2024. (Impact factor: 1.6)
2. Myran DT, Pugliese M, Harrison LD, Solmi M, Anderson KK, Fiedorowicz JG, Finkelstein Y, Manuel D, **Taljaard M**, Webber C, Tanuseputro T. Changes after cannabis legalization in incident schizophrenia diagnoses associated with cannabis use disorder in Canada. *JAMA Netw Open*. Accepted: September 2024. (Impact factor: 13.353)
3. Mckenzie J, **Taljaard M**, Hemming K, Arnup S, Giraudeau B, Eldridge S, Hooper R, Kahan B, Tianjing L, Moher D, Turner EL, Grimshaw J, Forbes A. Reporting of cluster randomised crossover trials 2023: extension of the CONSORT 2010 statement with explanation and elaboration. *BMJ*. Accepted: July 2024. (Impact factor: 93.7)
4. Abdulaziz KE\*, **Taljaard M**, Dowlatshahi D, Stiell IG, Wells GA, Sivilotti MLA, Émond M, Sharma M, Stotts G, Lee J, Worster A, Morris J, Cheung KW, Jin AY, Sahlas DJ, Murray HE, MacKey A, Verreault S, Camden MC, Yip S, Teal P, Gladstone DJ, Boulos MI, Chagnon N, Shouldice E, Atzema CL, Slaoui T, Teitlebaum J, Perry JJ. Derivation of a clinical prediction score for the diagnosis of clinically significant symptomatic carotid artery disease. *CJEM*. 2024 Oct;26(10):741-750. doi: 10.1007/s43678-024-00759-4. Epub 2024 Aug 27. PMID: 39190092. (Impact factor: 2.0)
5. Barnes K, Sveistrup H, Bayley M, Egan M, Bilodeau M, Rathbone M, **Taljaard M**, Karimijashni M, Marshall S. Investigation of Study Procedures to Estimate Sensitivity and Reliability of a Virtual Physical Assessment Developed for Workplace Concussions: Method-Comparison Feasibility Study. *JMIR Neurotech* 2024;3:e57661. doi: 10.2196/57661 (Impact factor: 5.8)
6. Barnes K, Sveistrup H, Bayley M, Egan M, Bilodeau M, Rathbone M, **Taljaard M**, Marshall S. Clinician-Prioritized Measures to Use in a Remote Concussion Assessment: Delphi Study. *JMIR Form Res*. 2024 Sep 2;8:e47246. doi: 10.2196/47246. PMID: 39222352; PMCID: PMC11406108. (Impact factor: 2.0)
7. Barnes K, Sveistrup H, Karimijashni M, Bayley M, Egan M, Bilodeau M, Rathbone M, **Taljaard M**, Marshall S. Barriers and Facilitators Associated With Remote Concussion Physical Assessments From the Perspectives of Clinicians and People Living With Workplace Concussions: Focus Group Study. *J Med Internet Res*. 2024 Nov 13;26:e56158. doi: 10.2196/56158. PMID: 39536308; PMCID: PMC11602758. (Impact factor: 7.4)
8. Bérubé, M; Lapierre, A; Sykes, M; Grimshaw, J; Turgeon, A; Lauzier, F; **Taljaard, M**; Stelfox, H; Witteman, H; Berthelot, S; Mercier, E; Gonthier, C; Paquet, J; Fowler, R; Yanchar, N; Haas, B; Lessard B; Archambault, P; Gabbe, B; Moore, L. (2024). Development



and usability testing of a multifaceted intervention to reduce low-value injury care. *Research Square*. 10.21203/rs.3.rs-4132023/v1. (Impact factor: NA)

9. Brunet J, Sharma S, Zdravec K, **Taljaard M**, LeVasseur N, Srikanthan A, Bland KA, Sabri E, Collins B, Hayden S, Simmons C, Smith AM, Campbell KL. Aerobic exercise and CogniTIVE functioning in women with breAsT canCEr (ACTIVATE): A randomized controlled trial. *Cancer*. 2024 Oct 21. doi: 10.1002/cncr.35540. Epub ahead of print. PMID: 39428863.(Impact factor: 5.649)
10. Chow AJ, Saad A, Al-Baldawi Z, Iverson R, Skidmore B, Jordan I, Pallone N, Smith M, Chakraborty P, Brehaut J, Cohen E, Dyack S, Gillis J, Goobie S, Greenberg CR, Hayeems R, Hutton B, Inbar-Feigenberg M, Jain-Ghai S, Khangura S, MacKenzie JJ, Mitchell JJ, Moazin Z, Nicholls SG, Pender A, Prasad C, Schulze A, Siriwardena K, Sparkes RN, Speechley KN, Stockler S, **Taljaard M**, Teitelbaum M, Trakadis Y, Van Karnebeek C, Walia JS, Wilson K, Potter BK. Family-centred care interventions for children with chronic conditions: A scoping review. *Health Expect*. 2024 Feb;27(1):e13897. doi: 10.1111/hex.13897. PMID: 39102737; PMCID: PMC10837485. (Impact factor: 4.9)
11. Farrar DS, Pell LG, Muhammad Y, Khan SH, Tanner Z, Bassani DG, Ahmed I, Karim M, Madhani F, Paracha S, Khan MA, Soofi SB, **Taljaard M**, Spitzer RF, Abu Fadaleh SM, Bhutta ZA, Morris SK. Association of maternal, obstetric, fetal, and neonatal mortality outcomes with Lady Health Worker coverage from a cross-sectional survey of >10,000 households in Gilgit-Baltistan, Pakistan. *PLOS Glob Public Health*. 2024 Feb 27;4(2):e0002693. Doi: 10.1371/journal.pgph.0002693. PMID: 38412169; PMCID: PMC10898742. (Impact factor: 2.3)
12. Fehlman CA\*, **Taljaard M**, McIsaac DI, Suppan L, Andereggen E, Dupuis A, Rouyer F, Eagles D, Perry JJ. Incidence and Outcomes of Emergency Department Patients Requiring Emergency General Surgery: a 5-year Retrospective Cohort Study. *Swiss Medical Weekly*. 2024 Apr 1;154:3729. Doi: 10.57187/s.3729. PMID: 38642364. (Impact factor: 4.203)
13. Giraudeau B, Weijer C, Eldridge SM, Hemming K, **Taljaard M**. Why and when should we cluster randomize? *J Epidemiol Popul Health*. 2024 Feb;72(1):202197. doi: 10.1016/j.jep.2024.202197. Epub 2024 Feb 9. PMID: 38477478. (Impact factor: 1.2)
14. Goldstein CE\*, **Taljaard M**, Nicholls SG, Beaucage M, Brehaut J, Cook CL, Cote BB, Craig JC, Dixon SN, Du Toit J, Du Val CCS, Garg AX, Grimshaw JM, Kalatharan S, Kim SYH, Kinsella A, Luyckx V, Weijer C. The Ottawa Statement implementation guidance document for cluster randomized trials in the hemodialysis setting. *Kidney Int*. 2024 May;105(5):898-911. doi: 10.1016/j.kint.2024.03.001. PMID: 38642985. (Impact factor: 14.8)
15. Goldstein CE\*, Marouf Y\*, Johri M, Shaw JF, Sergeant A, Nicholls SG, Althabe F, Ferrand RA, van der Graaf R, Hemming K, Mbuagbaw L, Treweek S, Welch VA, Weijer C, **Taljaard M**. Systematic scoping review of cluster randomised trials conducted exclusively in low-income and middle-income countries between 2017 and 2022. *BMJ Open*. 2024 Sep 17;14(9):e087724. doi: 10.1136/bmjopen-2024-087724. PMID: 39289020; PMCID: PMC11409340. (Impact factor: 2.4)
16. Goldstein CE\*, **Taljaard M**, Dixon SN, Weijer C. Navigating the consent river: questions to consider before waiving consent requirements in pragmatic cluster randomised trials. *J Med Ethics*. 2024 Dec 18;jme-2024-110392. doi: 10.1136/jme-2024-110392. Epub ahead of print. PMID: 39694799. (Impact factor: 3.3)

17. Harrison D, Pope N, Jones S, Larocque C, Wilding J, Campbell-Yeo M, Gilmore L, Harrold J, Hu J, Lavin Venegas C, McArthur L, Modanloo S, Nicholls SG, O'Flaherty P, Sadrudin Premji S, Reszel J, Semenic S, Squires JE, Stevens B, **Taljaard M**, Trepanier M, O'Grady Venter K, Zhou Y, Dunn S. Multisite cross-sectional survey of nurses' perceptions of implementation of a parent-targeted video and recommended pain management, for improving newborn pain treatment. *Journal of Neonatal Nursing*, 2024, <https://doi.org/10.1016/j.jnn.2024.01.011>. (Impact factor: 2.0)
18. Hemming K, Kudrna L, Watson S, **Taljaard M**, Greenfield S, Goulao B, Lilford R. Interpretation of statistical findings in randomised trials: a survey of statisticians using thematic analysis of open-ended questions. *BMC Med Res Methodol*. 2024 Oct 29;24(1):256. doi: 10.1186/s12874-024-02366-4. PMID: 39472775; PMCID: PMC11520448. (Impact factor: 3.9)
19. Hemming K, Thompson JY, **Taljaard M**, Watson SI, Kasza J, Thompson JA, Kahan BC, Copas AJ. Re-analysis of data from cluster randomised trials to explore the impact of model choice on estimates of odds ratios: study protocol. *Trials*. 2024 Dec 18;25(1):818. doi: 10.1186/s13063-024-08653-1. PMID: 39695707; PMCID: PMC11653799. (Impact factor: 2.0)
20. Hudek N, Carroll K, Semchishen S, Vanderhout S\*, Presseau J, Grimshaw J, Fergusson DA, Gillies K, Graham ID, **Taljaard M**, Brehaut JC. Describing the content of trial recruitment interventions using the TIDieR reporting checklist: a systematic methodology review. *BMC Med Res Methodol*. 2024 Apr 8;24(1):85. doi: 10.1186/s12874-024-02195-5. PMID: 38589803; PMCID: PMC11000410. (Impact factor: 3.9)
21. Iverson R\*, **Taljaard M**, Geraghty MT, Pugliese M, Tingley K, Coyle D, Kronick JB, Wilson K, Austin V, Brunel-Guitton C, Buhas D, Butcher NJ, Chan AKJ, Dyack S, Goobie S, Greenberg CR, Jain-Ghai S, Inbar-Feigenberg M, Karp N, Kozenko M, Langley E, Lines M, Little J, MacKenzie J, Maranda B, Mercimek-Andrews S, Mhanni A, Mitchell JJ, Nagy L, Offringa M, Pender A, Potter M, Prasad C, Ratko S, Salvarinova R, Schulze A, Siriwardena K, Sondheimer N, Sparkes R, Stockler-Ipsiroglu S, Tapscott K, Trakadis Y, Turner L, Van Karnebeek C, Vandersteen A, Walia JS, Wilson BJ, Yu AC, Potter BK, Chakraborty P. Assessing the quality and value of metabolic chart data for capturing core outcomes for pediatric medium-chain acyl-CoA dehydrogenase (MCAD) deficiency. *BMC Pediatr*. 2024 Jan 13;24(1):37. doi: 10.1186/s12887-023-04393-4. PMID: 38216926; PMCID: PMC10787451. (Impact factor: 2.9)
22. Korevaar E, Turner SL, Forbes AB, Karahalios A, **Taljaard M**, McKenzie JE. Comparison of statistical methods used to meta-analyse results from interrupted time series studies: an empirical study. *BMC Med Res Methodol*. 2024 Feb 10;24(1):31. doi: 10.1186/s12874-024-02147-z. PMID: 38341540; PMCID: PMC10858609. (Impact factor: 3.9)
23. Koszycki D, **Taljaard M**, Bradwejn J, Lee C\*, Tasca GA, Grimes DA. Interpersonal Psychotherapy for the Treatment of Depression in Parkinson's Disease: Results of a Randomized Controlled Trial. *Mov Disord*. 2024 Nov 20. doi: 10.1002/mds.30061. Epub ahead of print. PMID: 39564706. (Impact factor: 8.679)
24. Kuhar E\*, Chander N, Stewart DJ, Jahandideh F, Zhang H, Kristof AS, Bastarache JA, Schmidt EP, **Taljaard M**, Thebaud B, Engelberts D, Fergusson DA, Lalu MM. A preclinical systematic review and meta-analysis assessing the effect of biological sex in lipopolysaccharide-induced acute lung injury. *Am J Physiol Lung Cell Mol Physiol*. 2024 Jun

- 1;326(6):L661-L671. doi: 10.1152/ajplung.00336.2023. Epub 2024 Feb 13. PMID: 38349120. (Impact factor: 3.6)
25. Lacroix M, Abdelmalek F, Everett K, **Taljaard M**, Salach L, Bevan L, Burton V, Jia H, Shuldiner J, Laur C, Angl EN, Ivers NM, Tadrous M. Effectiveness of Audit and Feedback and Academic Detailing Interventions to Support Safer Opioid Prescribing in Primary Care. *Am J Med*. 2025 Jan;138(1):70-78.e12. doi: 10.1016/j.amjmed.2024.09.017. Epub 2024 Oct 15. PMID: 39413866. (Impact factor: 5.1)
26. Leafloor CW, McRae AD, Mercier E, Yan JW, Huang P, Mukarram M, Rowe BH, Ishimwe AC, Hegdekar M, Sivilotti MLA, **Taljaard M**, Nemnom MJ, Thiruganasambandamoorthy V. Utility of serial troponin testing for emergency department patients with syncope. *CJEM*. 2024 Aug;26(8):535-542. doi: 10.1007/s43678-024-00740-1. Epub 2024 Aug 2. PMID: 39095575. (Impact factor: 2.0)
27. Leyrat C, Eldridge S, **Taljaard M**, Hemming K. Practical considerations for sample size calculation for cluster randomized trials. *J Epidemiol Popul Health*. 2024 Feb;72(1):202198. doi: 10.1016/j.jep.2024.202198. Epub 2024 Feb 13. PMID: 38477482. (Impact factor: 1.2)
28. Luo R\*, Fell DB, Corsi DJ, **Taljaard M**, Wen SW, Walker MC. Temporal Trends in Gestational Diabetes Mellitus and Associated Risk Factors in Ontario, Canada, 2012-2020: A Population-Based Cohort Study. *J Obstet Gynaecol Can*. 2024 Jun 6;46(8):102573. doi: 10.1016/j.jogc.2024.102573. Epub ahead of print. PMID: 38848894. (Impact factor: 1.8)
29. McCallum J\*, Eagles D, Stiell I, **Taljaard M**, Vaillancourt C, Mercuri M, Clayton N, Mercier É, Morris J, Jeanmonod R, Varner C, Barbic D, Buchanan IM, Ali M, Kagoma YK, Shoamanesh A, Engels P, Sharma S, Worster A, McLeod SL, Émond M, Papaioannou A, Parpia S, de Wit K. Which adults aged 65 and older are at low-risk for cervical spine injuries after low-level falls? *CJEM*. 2024 Oct;26(10):721-726. Doi: 10.1007/s43678-024-00752-x. Epub 2024 Sep 2. PMID: 39222206. (Impact factor: 2.0)
30. McIsaac DI, Neilipovitz N, Bryson GL, Gagne S, Huang A, Lalu M, Lavallée LT, Moloo H, Power B, Scheede-Bergdahl C, van Walraven C, McCartney CJL, **Taljaard M**, Hladkowitz E. Home-based exercise prehabilitation to improve disease-free survival and return to intended oncologic treatment after cancer surgery in older adults with frailty: a secondary analysis of a randomized trial. *Can J Anaesth*. 2024 Nov;71(11):1525-1534. English. Doi: 10.1007/s12630-024-02835-w. Epub 2024 Sep 5. PMID: 39237725. (Impact factor: 3.4)
31. McIsaac DI, Tandon P, Kidd G, Branje K, Hladkowitz E, Hallet J, Wijeyesundera DN, Lee S, McNeely ML, **Taljaard M**, Gillis C; STRIVE Trial Investigators; Canadian Perioperative Anesthesia Clinical Trials Group (PACT). STRIVE pilot trial: a protocol for a multicentre pragmatic internal pilot randomised controlled trial of Structured Training to Improve fitness in a Virtual Environment (STRIVE) before surgery. *BMJ Open*. 2024 Nov 7;14(11):e093710. Doi: 10.1136/bmjopen-2024-093710. PMID: 39510784; PMCID: PMC11552010. (Impact factor: 2.4)
32. Mosha JF, Matowo NS, Kulkarni MA, Messenger LA, Lukole E, Mallya E, Aziz T, Kaaya R, Shirima BA, Isaya G, **Taljaard M**, Hashim R, Martin J, Manjurano A, Kleinschmidt I, Mosha FW, Rowland M, Protopopoff N. Effectiveness of long-lasting insecticidal nets with pyriproxyfen-pyrethroid, chlorfenapyr-pyrethroid, or piperonyl butoxide-pyrethroid versus pyrethroid only against malaria in Tanzania: final-year results of a four-arm, single-blind, cluster-randomised trial. *Lancet Infect Dis*. 2024 Jan;24(1):87-97. Doi: 10.1016/S1473-3099(23)00420-6. Epub 2023 Sep 27. PMID: 37776879. (Impact factor: 36.5)

33. Murthy SK, Tandon P, Matthews P, Ahmed F, Pugliese M, **Taljaard M**, Kaplan GG, Coward S, Bernstein C, Benchimol EI, Kuenzig ME, Targownik LE, Singh H; Canadian Gastro-Intestinal Epidemiology Consortium (CanGIEC). A Population-Based Matched Cohort Study of Digestive System Cancer Incidence and Mortality in Individuals With and Without Inflammatory Bowel Disease. *Am J Gastroenterol*. 2024 Jun 25. Doi: 10.14309/ajg.0000000000002900. Epub ahead of print. PMID: 38916226. (Impact factor: 12.045)
34. Myran DT, Friesen E, Talarico R, Gaudreault A, **Taljaard M**, Hobin E, Smith BT, Schwartz N, Giesbrecht N, Crépault JF, Tanuseputro P, Manuel DG. The association between alcohol retail access and health care visits attributable to alcohol for individuals with and without a history of alcohol-related health-care use. *Addiction*. 2024 May 28. Doi: 10.1111/add.16566. Epub ahead of print. PMID: 38804474. (Impact factor: 6.34)
35. Nevins P\*, Ryan M, Davis-Plourde K, Ouyang Y, Pereira Macedo JA, Meng C, Tong G, Wang X, Ortiz-Reyes L, Caille A, Li F, **Taljaard M**. Adherence to key recommendations for design and analysis of stepped-wedge cluster randomized trials: A review of trials published 2016-2022. *Clin Trials*. 2024 Apr;21(2):199-210. doi: 10.1177/17407745231208397. Epub 2023 Nov 21. PMID: 37990575; PMCID: PMC11003836. (Impact factor: 2.2)
36. Nix HP, Weijer C, **Taljaard M**. Are pragmatism and ethical protections in clinical trials a zero-sum game? *Clin Trials*. 2024 Oct 15:17407745241284798. doi: 10.1177/17407745241284798. Epub ahead of print. PMID: 39410779. (Impact factor: 2.2)
37. Ouyang Y\*, **Taljaard M**, Forbes AB, Li F. Maintaining the validity of inference from linear mixed models in stepped-wedge cluster randomized trials under misspecified random-effects structures. *Stat Methods Med Res*. 2024 May 29:9622802241248382. doi: 10.1177/09622802241248382. Epub ahead of print. PMID: 38807552. (Impact factor: 1.6)
38. Ouyang Y\*, Li F, Li X, Bynum J, Mor V, **Taljaard M**. Estimates of intra-cluster correlation coefficients from 2018 USA Medicare data to inform the design of cluster randomized trials in Alzheimer's and related dementias. *Trials*. 2024 Oct 30;25(1):732. doi: 10.1186/s13063-024-08404-2. PMID: 39478608; PMCID: PMC11523597. (Impact factor: 2.0)
39. Rubens FD, Femes SE, Grubic N, Fergusson D, **Taljaard M**, van Walraven C. Outcomes following coronary artery bypass grafting with multiple arterial grafting by pump status in men and women. *J Thorac Cardiovasc Surg*. 2024 May;167(5):1796-1807.e15. doi: 10.1016/j.jtcvs.2023.02.008. Epub 2023 Feb 15. PMID: 36935299. (Impact factor: 4.9)
40. Schwartz KL, Shuldiner J, Langford BJ, Brown KA, Schultz SE, Leung V, Daneman N, Tadrous M, Witteman HO, Garber G, Grimshaw JM, Leis JA, Pesseau J, Silverman MS, **Taljaard M**, Gomes T, Lacroix M, Brehaut J, Thavorn K, Gushue S, Friedman L, Zwarenstein M, Ivers N. Mailed feedback to primary care physicians on antibiotic prescribing for patients aged 65 years and older: pragmatic, factorial randomised controlled trial. *BMJ*. 2024 Jun 5;385:e079329. doi: 10.1136/bmj-2024-079329. Erratum in: *BMJ*. 2024 Jun 12;385:q1261. doi: 10.1136/bmj.q1261. PMID: 38839101; PMCID: PMC11151833. (Impact factor: 93.7)
41. Shuldiner J, Lam E, Shah N, Grimshaw J, Desveaux L, Heisey R, Taccone MS, **Taljaard M**, Thavorn K, Hodgson D, Gupta S, Lofters A, Ivers N, Nathan PC. Protocol for the ONLOOP trial: pragmatic randomized trial evaluating a province-wide system of personalized reminders for evidence-based surveillance tests in adult survivors of childhood cancer in Ontario. *Implement Sci*. 2024 Feb 23;19(1):19. doi: 10.1186/s13012-024-01347-x. PMID: 38395903; PMCID: PMC10885391. (Impact factor: 8.8)

42. Stiell IG, Perry JJ, Eagles D, Yadav K, Clement CM, McRae AD, Yan JW, Mielniczuk L, Rowe BH, Borgundvaag B, Dreyer J, Brown EL, Nemnom MJ, **Taljaard M**. The HEARTRISK6 Scale: Predicting Short-Term Serious Outcomes in Emergency Department Acute Heart Failure Patients. *JACC Adv*. 2024 May 24;3(7):100988. doi: 10.1016/j.jacadv.2024.100988. PMID: 39129980; PMCID: PMC11313032. (Impact factor: 20)
43. Stiell IG, **Taljaard M**, Beanlands R, Johnson C, Golian M, Green M, Kwok E, Brown E, Nemnom MJ, Eagles D. RAFF-5 Study to Improve the Quality and Safety of Care for Patients Seen in the Emergency Department With Acute Atrial Fibrillation and Flutter. *Can J Cardiol*. 2024 Sep;40(9):1554-1562. doi: 10.1016/j.cjca.2024.01.037. Epub 2024 Feb 7. PMID: 38331027. (Impact factor: 5.8)
44. Thibault, V., Quach, C., Gould, D. J., Schaffzin, J., Clack, L., Ocampo, L., Chudleigh, J., Drey, N., Moralejo, D., **Taljaard, M.**, Aita, M., & Fontaine, G. (2024). Interventions to improve hand hygiene compliance in patient care: Protocol for a systematic review and meta-analysis [Open-ended registration]. *OSF Registries*. <https://doi.org/10.17605/OSF.IO/5GZSJ> (Impact factor: NA)
45. Tong G, Nevins P, Ryan M, Davis-Plourde K, Ouyang Y\*, Pereira Macedo JA, Meng C, Wang X, Caille A, Li F, **Taljaard M**. A review of current practice in the design and analysis of extremely small stepped-wedge cluster randomized trials. *Clin Trials*. 2024 Oct 8:17407745241276137. doi: 10.1177/17407745241276137. Epub ahead of print. PMID: 39377196. (Impact factor: 2.2)
46. Turgeon AF, Fergusson DA, Clayton L, Patton MP, Neveu X, Walsh TS, Docherty A, Malbouisson LM, Pili-Floury S, English SW, Zarychanski R, Moore L, Bonaventure PL, Laroche V, Verret M, Scales DC, Adhikari NKJ, Greenbaum J, Kramer A, Rey VG, Ball I, Khwaja K, Wise M, Harvey D, Lamontagne F, Chabanne R, Algird A, Krueper S, Pottecher J, Zeiler F, Rhodes J, Rigamonti A, Burns KEA, Marshall J, Griesdale DE, Sisconetto LS, Kutsogiannis DJ, Roger C, Green R, Boyd JG, Wright J, Charbonney E, Nair P, Astles T, Sy E, Hébert PC, Chassé M, Gomez A, Ramsay T, **Taljaard M**, Fox-Robichaud A, Tinmouth A, St-Onge M, Costerousse O, Lauzier F; HEMOTION Trial Investigators on behalf of the Canadian Critical Care Trials Group, the Canadian Perioperative Anesthesia Clinical Trials Group, and the Canadian Traumatic Brain Injury Research Consortium. Liberal or Restrictive Transfusion Strategy in Patients with Traumatic Brain Injury. *N Engl J Med*. 2024 Jun 13. doi: 10.1056/NEJMoa2404360. Epub ahead of print. PMID: 38869931. (Impact factor: 96.2)
47. Wang X\*, Chen X, Goldfeld KS, **Taljaard M**, Li F. Sample size and power calculation for testing treatment effect heterogeneity in cluster randomized crossover designs. *Stat Methods Med Res*. 2024 May 1:9622802241247736. doi: 10.1177/09622802241247736. Epub ahead of print. PMID: 38689556. (Impact factor: 1.6)
48. Weijer C, **Taljaard M**. Ethical Challenges Associated with Pragmatic and Cluster RCTs. *N Engl J Med*. 2024 Sep 19;391(11):969-971. doi: 10.1056/NEJMp2403550. Epub 2024 Sep 14. PMID: 39282923. (Impact factor: 96.2)
49. Willis A, Shiely F, Treweek S, **Taljaard M**, Loudon K, Howie A, Zwarenstein M. Comments, suggestions, and criticisms of the Pragmatic Explanatory Continuum Indicator Summary-2 design tool: a citation analysis. *J Clin Epidemiol*. 2024 Dec;176:111534. doi: 10.1016/j.jclinepi.2024.111534. Epub 2024 Sep 14. PMID: 39284517. (Impact factor: 7.5)
50. Xu AXT, Brown K, Schwartz KL, Aghlmandi S, Alderson S, Brehaut J, Brown BC, Bucher HC, Clarkson J, De Sutter A, Francis NA, Grimshaw J, Gunnarsson R, Hallsworth M,

Hemkens L, Høye S, Khan T, Lecky D, Leung F, Leung J, Lindbæk M, Linder JA, Llor C, Little P, O'Connor D, Pulcini C, Ramlackhan K, Ramsay CR, Sundvall PD, **Taljaard M**, Lundgren PT, Vellinga A, Verbakel JY, Verheij TJ, Wikberg C, Ivers N. Audit and Feedback Interventions for Antibiotic Prescribing in Primary Care: A Systematic Review and Meta-analysis. *Clin Infect Dis*. 2024 Dec 5:ciae604. doi: 10.1093/cid/ciae604. Epub ahead of print. PMID: 39657007. (Impact factor: 21)

51. Yadav K, Ohle R, Yan JW, Eagles D, Perry JJ, Zvonar R, Keller M, Nott C, Corrales-Medina V, Shoots L, Tran E, Suh KN, Lam PW, Fagan L, Song N, Dobson E, Hawken D, **Taljaard M**, Sikora L, Brehaut J, Stiell IG, Graham ID; Network of Canadian Emergency Researchers. Canadian Emergency Department Best Practices Checklist for Skin and Soft Tissue Infections Part 1: Cellulitis. *CJEM*. 2024 Aug 5. doi: 10.1007/s43678-024-00754-9. Epub ahead of print. PMID: 39102151. (Impact factor 2.0)
52. Yadav K, Ohle R, Yan JW, Eagles D, Perry JJ, Zvonar R, Keller M, Nott C, Corrales-Medina V, Shoots L, Tran E, Suh KN, Lam PW, Fagan L, Song N, Dobson E, Hawken D, **Taljaard M**, Sikora L, Brehaut J, Stiell IG, Graham ID, for the Network of Canadian Emergency Researchers. Canadian emergency department best practices checklist for skin and soft tissue infections part 2: skin abscess. *CJEM* (2024). <https://doi.org/10.1007/s43678-024-00739-8> (Impact factor 2.0)
53. Yadav K, Ohle R, Yan JW, Eagles D, Perry JJ, Zvonar R, Keller M, Nott C, Corrales-Medina V, Shoots L, Tran E, Suh KN, Lam PW, Fagan L, Song N, Dobson E, Hawken D, **Taljaard M**, Sikora L, Brehaut J, Stiell IG, Graham ID, for the Network of Canadian Emergency Researchers. Canadian Emergency Department Best Practices Checklist for Skin and Soft Tissue Infections Part 3: Necrotizing Fasciitis. *CJEM* (2024). <https://doi.org/10.1007/s43678-024-00737-w> (Impact factor 2.0)

2023 (IF>5: 16) (1<sup>st</sup> or last: 10)

54. Abdulaziz KE\*, **Taljaard M**, Dowlatshahi D, Stiell IG, Wells GA, Perry JJ. Practice Variation among Canadian Stroke Prevention Clinics: Pre, During, and Post-COVID-19. *Can J Neurol Sci*. 2023 Jul;50(4):551-560. doi: 10.1017/cjn.2022.260. Epub 2022 Jun 16. PMID: 35707914. (Impact factor: 3.2)
55. Baba A, Tay J, Sammy A, Douglas WA, Goren K, Krause KR, Howie AH, Little J, Oskoui M, **Taljaard M**, Thombs BD, Potter BK, Butcher NJ, Offringa M. Heterogeneous use of registry data for participant identification and primary outcome ascertainment is found in registry-based randomized controlled trials: a scoping review. *J Clin Epidemiol*. 2023 May 3:S0895-4356(23)00104-X. doi: 10.1016/j.jclinepi.2023.04.016. Epub ahead of print. PMID: 37146658. (Impact factor 7.2)
56. Barnes K, Hladkowicz E, Dorrance K, Bryson GL, Forster AJ, Gagné S, Huang A, Lalu MM, Lavallée LT, Saunders C, Moloo H, Nantel J, Power B, Scheede-Bergdahl C, **Taljaard M**, van Walraven C, McCartney CJL, McIsaac DI. Barriers and facilitators to participation in exercise prehabilitation before cancer surgery for older adults with frailty: a qualitative study. *BMC Geriatr*. 2023 Jun 6;23(1):356. doi: 10.1186/s12877-023-03990-3. PMID: 37280523; PMCID: PMC10242997. (Impact factor: 4.1)
57. Davis-Plourde K\*, **Taljaard M**, Li F. Sample size considerations for stepped wedge designs with subclusters. *Biometrics*. 2023 Mar;79(1):98-112. doi: 10.1111/biom.13596. Epub 2021 Nov 16. PMID: 34719017; PMCID: PMC9054939. (Impact factor: 1.7)

58. Davis-Plourde K\*, **Taljaard M**, Li F. Power analyses for stepped wedge designs with multivariate continuous outcomes. *Stat Med*. 2022 Dec 24. doi: 10.1002/sim.9632. Epub ahead of print. PMID: 36565050. (Impact factor: 2.497) (Impact factor: 2.497)
59. Fadaleh SMA, Pell LG, Yasin M, Farrar DS, Khan SH, Tanner Z, Paracha S, Madhani F, Bassani DG, Ahmed I, Soofi SB, **Taljaard M**, Spitzer RF, Bhutta ZA, Morris SK. An integrated newborn care kit (iNCK) to save newborn lives and improve health outcomes in Gilgit Baltistan (GB), Pakistan: study protocol for a cluster randomized controlled trial. *BMC Public Health*. 2023 Dec 11;23(1):2480. doi: 10.1186/s12889-023-17322-y. PMID: 38082395; PMCID: PMC10714624. (Impact factor: 4.135)
60. Hemming K, **Taljaard M**, Gkini E, Bishop J. Sample size determination for external pilot cluster randomised trials with binary feasibility outcomes: a tutorial. *Pilot Feasibility Stud*. 2023 Sep 19;9(1):163. doi: 10.1186/s40814-023-01384-1. PMID: 37726817; PMCID: PMC10507981. (Impact factor: 1.7)
61. Hemming K, Melo P, Luo R, **Taljaard M**, Coomarasamy A. A re-analysis of 150 women's health trials to investigate how the Bayesian approach may offer a solution to the misinterpretation of statistical findings. *BJOG*. 2023 Dec;130(13):1629-1638. doi: 10.1111/1471-0528.17570. Epub 2023 Jun 28. PMID: 37381115. (Impact factor: 4.663)
62. Hemming K, **Taljaard M**. Key considerations for designing, conducting and analysing a cluster randomized trial. *Int J Epidemiol*. 2023 May 18:dyad064. doi: 10.1093/ije/dyad064. Epub ahead of print. PMID: 37203433. (Impact factor: 9.7)
63. Hemming K, **Taljaard M**. Commentary: Estimands in cluster trials: thinking carefully about the target of inference and the consequences for analysis choice. *Int J Epidemiol*. 2023 Feb 8;52(1):116-118. doi: 10.1093/ije/dyad174. PMID: 36018244; PMCID: PMC9908041. (Impact factor: 9.685)
64. Kasza J, Bowden R, Ouyang Y, **Taljaard M**, Forbes AB. Does it decay? Obtaining decaying correlation parameter values from previously analysed cluster randomised trials. *Stat Methods Med Res*. 2023 Nov;32(11):2123-2134. doi: 10.1177/09622802231194753. Epub 2023 Aug 17. PMID: 37589088; PMCID: PMC10683336. (Impact factor: 3.2)
65. Korevaar E, Turner SL, Forbes AB, Karahalios A, **Taljaard M**, McKenzie JE. Evaluation of statistical methods used to meta-analyse results from interrupted time series studies: A simulation study. *Res Synth Methods*. 2023 Nov;14(6):882-902. doi: 10.1002/jrsm.1669. Epub 2023 Sep 20. PMID: 37731166. (Impact factor: 9.3)
66. Koszycki D, **Taljaard M**, Kogan C, Bradwejn J, Grimes D. Interpersonal Psychotherapy for Depression in Parkinson's Disease: A Feasibility Study. *Journal of Geriatric Psychiatry and Neurology*. 2023;36(1):52-62. doi:10.1177/08919887221090220 (Impact factor: 2.109)
67. Lamb T\*, Tran A, Lampron J, Shorr R, **Taljaard M**, Vaillancourt C. The Impact of Time to Hemostatic Intervention and Delayed Care for Patients with Traumatic Hemorrhage: A Systematic Review. *J Trauma Acute Care Surg*. 2023 Mar 28. doi: 10.1097/TA.0000000000003976. Epub ahead of print. PMID: 36973874. (Impact factor: 3.4)
68. Larocque C, Venegas CL, Dunn S, Campbell-Yeo M, Gilmore L, Harrold J, Hu J, McArthur L, Modanloo S, Nicholls SG, O'Flaherty P, Premji SS, Reszel J, Semenic S, Squires JE, Stevens B, **Taljaard M**, Trepanier MJ, Venter K, Wilding J, Harrison D. Exploring implementation processes of a parent-targeted educational video for improving newborn pain treatment: A sequential exploratory mixed-methods study. *J Child Health Care*. 2023 Jun 23:13674935231176888. doi: 10.1177/13674935231176888. Epub ahead of print. PMID: 37351924. (Impact factor: 2.3)

69. Lee DS, Straus SE, Farkouh ME, Austin PC, **Taljaard M**, Chong A, Fahim C, Poon S, Cram P, Smith S, McKelvie RS, Porepa L, Hartleib M, Mitoff P, Iwanochko RM, MacDougall A, Shadowitz S, Abrams H, Elbarasi E, Fang J, Udell JA, Schull MJ, Mak S, Ross HJ; COACH Trial Investigators. Trial of an Intervention to Improve Acute Heart Failure Outcomes. *N Engl J Med*. 2022 Nov 5. doi: 10.1056/NEJMoa2211680. Epub ahead of print. PMID: 36342109. (Impact factor: 176.1)
70. Luo R\*, Wen W, Corsi DJ, Fell DB, **Taljaard M**, Wen SW, Walker MC. Comparison of adverse maternal and perinatal outcomes between induction and expectant management among women with gestational diabetes mellitus at term pregnancy: a systematic review and meta-analysis. *BMC Pregnancy Childbirth*. 2023 Jul 12;23(1):509. doi: 10.1186/s12884-023-05779-z. PMID: 37438706. (Impact factor: 3.1)
71. McCallum J\*, Eagles D, Ouyang Y, Ende JV, Vaillancourt C, Fehlmann C, Shorr R, **Taljaard M**, Stiell I. Cervical spine injuries in adults  $\geq 65$  years after low-level falls - A systematic review and meta-analysis. *Am J Emerg Med*. 2023 May;67:144-155. doi: 10.1016/j.ajem.2023.02.008. Epub 2023 Feb 10. PMID: 36893628. (Impact factor: 4.093)
72. McCleary N, Desveaux L, Presseau J, Reis C, Witteman HO, **Taljaard M**, Linklater S, Thavorn K, Dobell G, Mulhall CL, Lam JMC, Grimshaw JM, Ivers NM (2023). Engagement is a necessary condition to test audit and feedback design features: results of a pragmatic, factorial, cluster-randomized trial with an embedded process evaluation. *Implementation Science*, 18:13. (Impact factor: 9.7)
73. McIntyre L, Fergusson DA, McArdle T, Fox-Robichaud A, English S, Martin C, Marshall J, Cook D, Graham I, Hawken S, McCartney C, Menon K, Saginur R, Seely AJE, Stiell I, Thavorn K, Weijer C, Iyengar A, Muscedere J, Forster A, **Taljaard M** for the Canadian Critical Care Trials Group. The FLUID Trial: A Hospital – Wide Open - Label Cluster Cross-Over Pragmatic Comparative Effectiveness Randomized Pilot Trial Comparing Normal Saline to Ringer's Lactate. *BMJ Open* 2023. (Impact factor: 3.007)
74. Moore L, Bérubé M, Belcaid A, Turgeon AF, **Taljaard M**, Fowler R, Yanchar N, Mercier É, Paquet J, Stelfox HT, Archambault P, Berthelot S, Guertin JR, Haas B, Ivers N, Grimshaw J, Lapierre A, Ouyang Y, Sykes M, Witteman H, Lessard-Bonaventure P, Gabbe B, Lauzier F; Canadian Traumatic Brain Injury Research Consortium (CTRC). Evaluating the effectiveness of a multifaceted intervention to reduce low-value care in adults hospitalized following trauma: a protocol for a pragmatic cluster randomized controlled trial. *Implement Sci*. 2023 Jul 7;18(1):27. doi: 10.1186/s13012-023-01279-y. PMID: 37420284; PMCID: PMC10329386. (Impact factor: 9.7)
75. Nevins P\*, Davis-Plourde K, Pereira Macedo JA, Ouyang Y, Ryan M, Tong G, Wang X, Meng C, Ortiz-Reyes L, Li F, Caille A, **Taljaard M**. A scoping review described diversity in methods of randomization and reporting of baseline balance in stepped-wedge cluster randomized trials. *J Clin Epidemiol*. 2023 May;157:134-145. doi: 10.1016/j.jclinepi.2023.03.010. Epub 2023 Mar 15. PMID: 36931478. (Impact factor 7.2)
76. Nicholls SG, Al-Jaishi AA\*, Niznick H, Carroll K, Madani MT, Peak KD, Madani L, Nevins P, Adisso L, Li F, Weijer C, Mitchell SL, Welch V, Quiñones AR, **Taljaard M**. Health equity considerations in pragmatic trials in Alzheimer's and dementia disease: Results from a methodological review. *Alzheimers Dement (Amst)*. 2023 Feb 5;15(1):e12392. doi: 10.1002/dad2.12392. PMID: 36777091; PMCID: PMC9899766. (Impact factor: 5.329)
77. Nix HP, Largent EA, **Taljaard M**, Mitchell SL, Weijer C. Ethical analysis of vulnerabilities in cluster randomized trials involving people living with dementia in long-term care homes. *J*



- Am Geriatr Soc.* 2022 Nov 26. doi: 10.1111/jgs.18128. Epub ahead of print. PMID: 36435175. (Impact factor: 5.562)
78. Ouyang Y\*, Hemming K, Li F, **Taljaard M**. Estimating intra-cluster correlation coefficients for planning longitudinal cluster randomized trials: a tutorial. *Int J Epidemiol.* 2023 May 17:dyad062. doi: 10.1093/ije/dyad062. Epub ahead of print. PMID: 37196320. (Impact factor: 9.7)
  79. Ouyang Y\*, Kulkarni MA, Protopopoff N, Li F, **Taljaard M**. Accounting for complex intracluster correlations in longitudinal cluster randomized trials: a case study in malaria vector control. *BMC Med Res Methodol.* 2023 Mar 17;23(1):64. doi: 10.1186/s12874-023-01871-2. PMID: 36932347; PMCID: PMC10021932. (Impact factor: 7.0)
  80. Riddle AY\*, Li W\*, Bhutta ZA, Vlassoff C, **Taljaard M**, Kristjansson E, Welch V, Wells GA. Associations between dimensions of empowerment and nutritional status among married adolescent girls in East Africa: A structural equation modelling study. *BMC Public Health* **23**, 225 (2023). <https://doi.org/10.1186/s12889-022-14949-1> (Impact factor: 4.545)
  81. Shaw JF\*, Ouyang Y\*, Fergusson DA, McArdle T, Martin C, Cook D, Graham ID, Hawken S, McCartney CJL, Menon K, Saginur R, Seely A, Stiell I, Fox-Robichaud A, English S, Marshall J, Thavorn K, **Taljaard M**, McIntyre LA (Joint senior authors); Canadian Critical Care Trials Group. A Hospital-Wide Open-Label Cluster Crossover Pragmatic Comparative Effectiveness Randomized Trial Comparing Normal Saline to Ringer's Lactate: Protocol and Statistical Analysis Plan of The FLUID Trial. *JMIR Res Protoc.* 2023 Oct 6;12:e51783. doi: 10.2196/51783. PMID: 37801356; PMCID: PMC10589831. (Impact factor: 1.7)
  82. Shuldiner J, Shah H, Bar-Ziv S, Mauti J, Kaplan D, Tradrous M, Green ME, Bogoch I, Nowak DA, Mehta K, Desveaux L, Marshall LJ, Ikura S, **Taljaard M**, Hu J, Vohra-Miller S, Presseau J, Witteman H, Lofters A, Kiran T, Ivers N. Practice Facilitation to Support Family Physicians in Encouraging COVID-19 Vaccine Uptake: A Multimethod Process Evaluation. *Ann Fam Med.* 2023 Nov-Dec;21(6):526-533. doi: 10.1370/afm.3041. PMID: 38012044; PMCID: PMC10681695. (Impact factor: 6.697)
  83. Stacey D, Ludwig C, Archambault P, Smith M, **Taljaard M**, Carley M, Plourde K, Boland L, Gogovor A, Graham I, Kobewka D, McLean RKD, Nelson MLA, Vanderspank-Wright B, Légaré F. Decisions and Decisional Needs of Canadians From all Provinces and Territories During the COVID-19 Pandemic: Population-Based Cross-sectional Surveys. *JMIR Public Health Surveill.* 2023 Mar 21;9:e43652. doi: 10.2196/43652. PMID: 36688986; PMCID: PMC10131685. (Impact factor: 8.5)
  84. Thiruganasambandamoorthy V, Keller M, Nguyen PAI, Gupta P, Ghaedi B, Cao GZQ, Cheung WJ, Khatiwada B, Nemnom MJ, Yadav K, Eagles D, Brehaut J, Tarhuni W, Rouleau G, Desveaux L, **Taljaard M**. Implementation of the Canadian syncope pathway: a pilot non-randomized stepped wedge trial. *CJEM.* 2023 Oct;25(10):808-817. doi: 10.1007/s43678-023-00570-7. Epub 2023 Aug 31. PMID: 37651075. (Impact factor: 2.4)
  85. Tong, G, **Taljaard, M**, Li, F. Sample size considerations for assessing treatment effect heterogeneity in randomized trials with heterogeneous intracluster correlations and variances. *Statistics in Medicine.* 2023; 42( 19): 3392– 3412. doi: [10.1002/sim.9811](https://doi.org/10.1002/sim.9811) (Impact factor: 2.497)
  86. van Allen Z\*, Bacon SL, Bernard P, Brown H, Desroches S, Kastner M, Lavoie KL, Marques MM, McCleary N, Straus S, **Taljaard M**, Thavorn K, Tomasone JR, Presseau J. Clustering of Health Behaviors in Canadians: A Multiple Behavior Analysis of Data from the

- Canadian Longitudinal Study on Aging. *Ann Behav Med.* 2023 Jul 19;57(8):662-675. doi: 10.1093/abm/kaad008. PMID: 37155331; PMCID: PMC10354845. (Impact factor: 3.8)
87. Vanderhout S\*, Nevins P, Nicholls SG, Macarthur C, Brehaut JC, Potter BK, Gillies K, Goulao B, Smith M, Hilderley A, Carroll K, Spinewine A, Weijer C, Fergusson DA, **Taljaard M**. Patient and public involvement in pragmatic trials: online survey of corresponding authors of published trials. *CMAJ Open.* 2023 Sep 19;11(5):E826-E837. doi: 10.9778/cmajo.20220198. PMID: 37726115; PMCID: PMC10516685. (Impact factor: 14.6)
88. Vanderhout S\*, Richards DP, Butcher N, Courtney K, Nicholls SG, Fergusson DA, Potter BK, Bhalla M, Nevins P, Fox G, Ly V, **Taljaard M**, Macarthur C. Prevalence of patient partner authorship and acknowledgment in child health research publications: an umbrella review. *J Clin Epidemiol.* 2023 Dec;164:35-44. doi: 10.1016/j.jclinepi.2023.10.012. Epub 2023 Oct 21. PMID: 37871836. (Impact factor 7.2)
89. Wang X, Goldfeld KS, **Taljaard M**, Li F. Sample Size Requirements to Test Subgroup-Specific Treatment Effects in Cluster-Randomized Trials. *Prev Sci.* 2023 Oct 10. doi: 10.1007/s11121-023-01590-6. Epub ahead of print. Erratum in: *Prev Sci.* 2024 Jan 5; PMID: 37816835. (Impact factor: 4.2)
90. Yadav K, Lampron J, Nadj R, Raichura R, Figueira S, Nemnom MJ, **Taljaard M**, Émond M, Benhamed A, Eagles D. Predictors of mortality among older major trauma patients. *CJEM.* 2023 Sep 24. doi: 10.1007/s43678-023-00597-w. Epub ahead of print. PMID: 37742324. (Impact factor: 2.4)
91. Yadav K, Eagles D, Perry JJ, **Taljaard M**, Sandino-Gold G, Nemnom MJ, Corrales-Medina V, Suh KN, Stiell IG. High-dose cephalexin for cellulitis: a pilot randomized controlled trial. *CJEM.* 2023 Jan 2. doi: 10.1007/s43678-022-00433-7. Epub ahead of print. PMID: 36592299. (Impact factor: 2.4)
92. Yang S, Moerbeek M, **Taljaard M**, Li F. Power analysis for cluster randomized trials with continuous coprimary endpoints. *Biometrics.* 2023 Jun;79(2):1293-1305. doi: 10.1111/biom.13692. Epub 2022 May 23. PMID: 35531926. (Impact factor: 1.7)

2022 (IF>5: 24) (1<sup>st</sup> or last: 15)

93. Abdulaziz KE\*, Perry JJ, Yadav K, Dowlathshahi D, Stiell IG, Wells GA, **Taljaard M**. Quality and transparency of reporting derivation and validation prognostic studies of recurrent stroke in patients with TIA and minor stroke: a systematic review. *Diagn Progn Res.* 2022 May 19;6(1):9. doi: 10.1186/s41512-022-00123-z. PMID: 35585563; PMCID: PMC9118704. (Impact factor: NA)
94. Adisso ÉL\*, **Taljaard M**, Stacey D, Brière N, Zomahoun HTV, Durand PJ, Rivest LP, Légaré F. Does Adding Training in Shared Decision Making for Home Care Teams to Providing Decision Guides Better Engage Frail Elders and Caregivers in Housing Decisions? :A Stepped-Wedge Cluster Randomized Trial. *JMIR Aging.* 2022 Jun 27. doi: 10.2196/39386. Epub ahead of print. PMID: 35759791. (Impact Factor: 5.175)
95. Al-Jaishi AA\*, **Taljaard M**, Al-Jaishi MD, Abdullah SS, Thabane L, Devereaux PJ, Dixon SN, Garg AX. Machine learning algorithms to identify cluster randomized trials from MEDLINE and EMBASE. *Syst Rev.* 2022 Oct 25;11(1):229. doi: 10.1186/s13643-022-02082-4. PMID: 36284336; PMCID: PMC9594883. (Impact Factor 4.9)

96. Alvarez GG, Sullivan K, Pease C, Van Dyk D, Mallick R, **Taljaard M**, Grimshaw JM, Amaratunga K, Allen C, Brethour K, Mulpuru S, Pakhale S, Aaron SD, Cameron DW, Alsdurf H, Hui C, Zwerling AA. Effect of implementation of a 12-dose once-weekly treatment (3HP) in addition to standard regimens to prevent TB on completion rates: Interrupted time series design. *Int J Infect Dis.* 2022 Apr;117:222-229. doi: 10.1016/j.ijid.2022.01.063. Epub 2022 Feb 1. PMID: 35121126. (Impact Factor: 5.226)
97. Barnes K, Sveistrup H, Bayley M, Egan M, Rathbone M, **Taljaard M**, Marshall S. Identification of Clinical Measures to Use in a Virtual Concussion Assessment: Protocol for a Mixed Methods Study. *JMIR Res Protoc.* 2022 Dec 22;11(12):e40446. doi: 10.2196/40446. PMID: 36548031. (Impact factor: 7.08)
98. Brunet J, Price J, Srikanthan A, Gillison F, Standage M, **Taljaard M**, Beauchamp MR, Reed J, Wurz A. The physical activity Counselling for young adult cancer SurvivorS (ACCESS) trial: A protocol for a parallel, two-arm pilot randomized controlled trial. *PLoS One.* 2022 Dec 30;17(12):e0273045. doi: 10.1371/journal.pone.0273045. PMID: 36584027; PMCID: PMC9803096. (Impact factor: 3.752)
99. Caille A, **Taljaard M**, Le Vilain-Abraham F, Le Moigne A, Copas AJ, Tubach F, Dechartres A. Recruitment and implementation challenges were common in stepped-wedge cluster randomized trials: Results from a methodological review. *J Clin Epidemiol.* 2022 Apr 26;148:93-103. doi: 10.1016/j.jclinepi.2022.04.024. Epub ahead of print. PMID: 35483552. (Impact factor: 6.437)
100. Chow AJ, Iverson R, Lamoureux M, Tingley K, Jordan I, Pallone N, Smith M, Al-Baldawi Z, Chakraborty P, Brehaut J, Chan A, Cohen E, Dyack S, Gillis LJ, Goobie S, Graham ID, Greenberg CR, Grimshaw JM, Hayeems R, Jain-Ghai S, Jolly A, Khangura S, MacKenzie JJ, Major N, Mitchell JJ, Nicholls SG, Pender A, Potter M, Prasad C, Prosser LA, Schulze A, Siriwardena K, Sparkes R, Speechley KN, Stockler S, **Taljaard M**, Teitelbaum M, Trakadis Y, van Karnebeek C, Walia JS, Wilson BJ, Wilson K, Potter BK. Families' health care experiences for children with inherited metabolic diseases: protocol for a mixed methods cohort study. *BMJ Open.* 2022;12:e055664. doi: 10.1136/bmjopen-2021-055664 (Impact Factor: 2.692)
101. Eagles D, Cheung WJ, Avlijas T, Yadav K, Ohle R, **Taljaard M**, Molnar F, Stiell IG. Barriers and facilitators to nursing delirium screening in older emergency patients: a qualitative study using the theoretical domains framework. *Age Ageing.* 2022 Jan 6;51(1):afab256. doi: 10.1093/ageing/afab256. PMID: 35061872. (Impact factor: 4.511)
102. Fisher S\*, Bennett C, Hennessy D, Finès P, Jessri M, Bader Eddeen A, Frank J, Robertson T, **Taljaard M**, Rosella LC, Sanmartin C, Jha P, Leyland A, Manuel DG. Comparison of mortality hazard ratios associated with health behaviours in Canada and the United States: a population-based linked health survey study. *BMC Public Health.* 2022 Mar 10;22(1):478. doi: 10.1186/s12889-022-12849-y. PMID: 35272641; PMCID: PMC8915535. (Impact Factor: 3.98)
103. Giraudeau B, Caille A, Eldridge SM, Weijer C, Zwarenstein M, **Taljaard M**. Heterogeneity in pragmatic randomised trials: sources and management. *BMC Med.* 2022 Oct 28;20(1):372. doi: 10.1186/s12916-022-02569-w. PMID: 36303153; PMCID: PMC9615398. (Impact factor: 8.775)
104. Hemming K, Javid I, **Taljaard M**. A review of high impact journals found that misinterpretation of non-statistically significant results from randomized trials was common.

- J Clin Epidemiol. 2022 May;145:112-120. doi: 10.1016/j.jclinepi.2022.01.014. Epub 2022 Jan 23. PMID: 35081450. (Impact factor 6.437)
105. Hickey M\*, Yadav K, Abdulaziz KE\*, **Taljaard M**, Hickey C, Hartwick M, Sarti A, McIntyre L, Perry JJ. Attitudes and acceptability of organ and tissue donation registration in the emergency department: a national survey of emergency physicians. *CJEM*. 2022 Apr;24(3):293-299. doi: 10.1007/s43678-022-00262-8. Epub 2022 Feb 6. PMID: 35124786; PMCID: PMC8818093. (Impact Factor: 1.28)
106. Hickey M\*, Hickey C, Hartwick M, McIntyre L, **Taljaard M**, Yadav K, Sarti A, Perry JJ. Attitudes and Acceptability of Organ and Tissue Donation Registration in the Emergency Department: A National Survey of Emergency Nurses. *CJEN* [Internet]. 2022 Jan. 21 [cited 2022 Jan. 26];44(3):38-47. Available from: <https://cjen.ca/index.php/cjen/article/view/140> (Impact Factor: 1.95)
107. Korevaar E, Karahalios A, Turner SL, Forbes AB, **Taljaard M**, Cheng AC, Grimshaw JM, Bero L, McKenzie JE. Methodological systematic review recommends improvements to conduct and reporting when meta-analysing interrupted time series studies. *J Clin Epidemiol*. 2022 Jan 16:S0895-4356(22)00012-9. doi: 10.1016/j.jclinepi.2022.01.010. Epub ahead of print. PMID: 35045318. (Impact factor: 6.437)
108. Lane DJ, Scheuermeyer FX, Nemnom MJ, **Taljaard M**, Stiell I. Effect of specialist consultation on emergency department revisits among patients with uncomplicated recent-onset atrial fibrillation or flutter. *CJEM*. 2022 Nov;24(7):760-769. doi: 10.1007/s43678-022-00370-5. Epub 2022 Sep 22. PMID: 36136242. (Impact factor: 1.28)
109. Li AH, Garg AX, Grimshaw JM, Prakash V, Dunnett AJ, Dixon SN, **Taljaard M**, Mitchell J, Naylor KL, Faulds C, Bevan R, Getchell L, Knoll G, Kim SJ, Sontrop J, Tong A, Bjerre LM, Hyjek K, Currie D, Edwards S, Sullivan M, Harvey-Rioux L, Presseau J. Promoting deceased organ and tissue donation registration in family physician waiting rooms (RegisterNow-1): a pragmatic stepped-wedge, cluster randomized controlled registry trial. *BMC Med*. 2022 Mar 3;20(1):75. doi: 10.1186/s12916-022-02266-8. PMID: 35236353; PMCID: PMC8892727. (Impact Factor 8.775)
110. McCleary N, Ivers NM, Schwalm JD, Witteman HO, **Taljaard M**, Desveaux L, Bouck Z, Grace SL, Grimshaw JM, Presseau J. Impacts of two behavior change interventions on determinants of medication adherence: process evaluation applying the health action process approach and habit theory alongside a randomized controlled trial. *J Behav Med*. 2022 May 20. doi: 10.1007/s10865-022-00327-0. Epub ahead of print. PMID: 35596020. (Impact Factor: 2.5)
111. McIsaac DI, Hladkowicz E, Bryson GL, Forster AJ, Gagne S, Huang A, Lalu M, Lavallée LT, Moloo H, Nantel J, Power B, Scheede-Bergdahl C, van Walraven C, McCartney CJL, **Taljaard M**. Home-based prehabilitation with exercise to improve postoperative recovery for older adults with frailty having cancer surgery: the PREHAB randomised clinical trial. *Br J Anaesth*. 2022 Jul;129(1):41-48. doi: 10.1016/j.bja.2022.04.006. Epub 2022 May 17. PMID: 35589429. (Impact factor: 9.6)
112. McIsaac DI, Hutton B, Veroniki A, Gill M, Boland L, Branje K, Grudzinski AL, Hladkowicz E, Shaw J, Gillis C; Prehabilitation Knowledge Network Authorship Group. Identifying relative efficacy of components of prehabilitation in adult surgical patients: protocol for a systematic review and component network meta-analysis. *BMJ Open*. 2022 Nov 17;12(11):e068797. doi: 10.1136/bmjopen-2022-068797. PMID: 36396310; PMCID: PMC9677017. (Impact factor: 3.007)

113. McIsaac DI, Fergusson DA, Khadaroo R, Meliambro A, Muscedere J, Gillis C, Hladkovicz E, **Taljaard M**; PREPARE Investigators. PREPARE trial: a protocol for a multicentre randomised trial of frailty-focused preoperative exercise to decrease postoperative complication rates and disability scores. *BMJ Open*. 2022 Aug 8;12(8):e064165. doi: 10.1136/bmjopen-2022-064165. PMID: 35940835; PMCID: PMC9364396.. (Impact Factor: 2.692)
114. McIsaac DI, Gill M, Boland L, Hutton B, Branje K, Shaw J, Grudzinski AL, Barone N, Gillis C; Prehabilitation Knowledge Network. Prehabilitation in adult patients undergoing surgery: an umbrella review of systematic reviews. *Br J Anaesth*. 2022 Feb;128(2):244-257 . doi: 10.1016/j.bja.2021.11.014. PMID: 34922735. (Impact factor: 9.166)
115. Mosha JF, Kulkarni MA, Lukole E, Matowo NS, Pitt C, Messenger LA, Mallya E, Jumanne M, Aziz T, Kaaya R, Shirima BA, Isaya G, **Taljaard M**, Martin J, Hashim R, Thickstun C, Manjurano A, Kleinschmidt I, Mosha FW, Rowland M, Protopopoff N. Effectiveness and cost-effectiveness against malaria of three types of dual-active-ingredient long-lasting insecticidal nets (LLINs) compared with pyrethroid-only LLINs in Tanzania: a four-arm, cluster-randomised trial. *Lancet*. 2022 Mar 26;399(10331):1227-1241. doi: 10.1016/S0140-6736(21)02499-5. PMID: 35339225; PMCID: PMC8971961. (Impact factor: 202.7)
116. Myran DT, Pugliese M, Tanuseputro P, Cantor N, Rhodes E, **Taljaard M**. The association between recreational cannabis legalization, commercialization and cannabis-attributable emergency department visits in Ontario, Canada: an interrupted time-series analysis. *Addiction*. 2022 Feb 16; 117(7): 1952-1960. doi: 10.1111/add.15834. PMID: 35170149. (Impact Factor: 7.256)
117. Myran DT, Cantor N, Rhodes E, Pugliese M, Hensel J, **Taljaard M**, Talarico R, Garg AX, McArthur E, Liu CW, Jeyakumar N, Simon C, McFadden T, Gerin-Lajoie C, Sood MM, Tanuseputro P. Physician Health Care Visits for Mental Health and Substance Use During the COVID-19 Pandemic in Ontario, Canada. *JAMA Netw Open*. 2022 Jan 4;5(1):e2143160. doi: 10.1001/jamanetworkopen.2021.43160. PMID: 35061041; PMCID: PMC8783265.. (Impact factor: 8.483)
118. Myran DT, Roberts R, Pugliese M, **Taljaard M**, Tanuseputro P, Pacula RL. Changes in Emergency Department Visits for Cannabis Hyperemesis Syndrome Following Recreational Cannabis Legalization and Subsequent Commercialization in Ontario, Canada. *JAMA Netw Open*. 2022 Sep 1;5(9):e2231937. doi: 10.1001/jamanetworkopen.2022.31937. PMID: 36112372; PMCID: PMC9482056. (Impact factor: 13.353)
119. Myran DT, Staykov E, Cantor N, **Taljaard M**, Quach BI, Hawken S, Tanuseputro P. How has access to legal cannabis changed over time? An analysis of the cannabis retail market in Canada 2 years following the legalisation of recreational cannabis. *Drug Alcohol Rev*. 2022 Feb;41(2):377-385 . doi: 10.1111/dar.13351. PMID: 34250645. (Impact factor: 3.343)
120. Nevins P\*, Vanderhout S\*, Carroll K, Nicholls SG, Semchishen SN, Brehaut JC, Fergusson DA, Giraudeau B, **Taljaard M**. Review of pragmatic trials found that multiple primary outcomes are common but so too are discrepancies between protocols and final reports. *J Clin Epidemiol*. 2022 Mar;143:149-158. doi: 10.1016/j.jclinepi.2021.12.006. PMID: 34896234; PMCID: PMC9058220.. (Impact factor: 6.437)
121. Nevins P\*, Nicholls SG, Ouyang Y, Carroll K, Hemming K, Weijer C, **Taljaard M**. Reporting of and explanations for under-recruitment and over-recruitment in pragmatic trials:

- a secondary analysis of a database of primary trial reports published from 2014 to 2019. *BMJ Open* 2022;12:e067656. doi: 10.1136/bmjopen-2022-067656 (Impact factor: 3.007)
122. Newton AS, Prinsie K, Macdonald LA, Eltorki M, Finkelstein Y, Fitzpatrick E, Gagnon I, Greenfield B, Joubert GI, Katz LY, Lipman EL, Mater A, Plotnick LH, Porter R, Sawyer S, St John KA, Sukhera J, Szatmari P, Rasiah J, Steele M, Hall P, Thull-Freedman J, **Taljaard M**, Cappelli M, Clark SE, Cost KT, Round J, Cherry J, Monga S, Sareen J, Klassen TP, Freedman SB; Pediatric Emergency Research Canada (PERC). An Innovative Model of Pediatric Emergency Department Mental Health Care: Protocol for a Multicenter Type 1 Effectiveness-Implementation Cluster Randomized Trial. *J Am Acad Child Adolesc Psychiatry*. 2022 Jul;61(7):946-948. doi: 10.1016/j.jaac.2022.04.001. Epub 2022 Apr 11. PMID: 35772868. (Impact Factor: 7.26)
  123. Nicholls SG, Carroll K, Nix HP, Li F, Hey SP, Mitchell SL, Weijer C, **Taljaard M**. Ethical considerations within pragmatic randomized controlled trials in dementia: Results from a literature survey. *Alzheimers Dement* (N Y). 2022 May 2;8(1):e12287. doi: 10.1002/trc2.12287. PMID: 35509502; PMCID: PMC9060321. (Impact Factor 16.655)
  124. Nicholls SG, McDonald S, McKenzie J, **Taljaard M**. A review identified challenges distinguishing primary reports of randomised trials for meta-research: a proposal for improved reporting. *Journal of Clinical Epidemiology* 2022; 145: 121-125. (Impact factor: 7.407)
  125. Ouyang Y\*, Li F, Preisser JS, **Taljaard M**. Sample size calculators for planning stepped-wedge cluster randomized trials: a review and comparison. *Int J Epidemiol*. 2022 Jun 9:dyac123. doi: 10.1093/ije/dyac123. Epub ahead of print. PMID: 35679584. (Impact Factor: 9.685)
  126. Patel D\*, **Taljaard M**, Yadav K, James D, Perry JJ. Current practice for primary headache disorders and perspectives on peripheral nerve blocks among emergency physicians in Canada: A national survey. *Headache*. 2022 Apr;62(4):512-521. doi: 10.1111/head.14293. Epub 2022 Apr 10. PMID: 35403242. (Impact Factor: 4.041)
  127. Patel D\*, Yadav K, **Taljaard M**, Shorr R, Perry JJ. Effectiveness of Peripheral Nerve Blocks for the Treatment of Primary Headache Disorders: A Systematic Review and Meta-Analysis. *Ann Emerg Med*. 2022 Mar;79(3):251-261. doi: 10.1016/j.annemergmed.2021.08.007. PMID: 34756448. (Impact factor: 5.721)
  128. Patel D\*, **Taljaard M**, Yadav K, Hickey, M, Perry JJ. Effect of hand versus electronic signatures on response rates in postal surveys: a randomised controlled trial among emergency physicians in Canada *BMJ Open* 2022;12:e061087. doi: 10.1136/bmjopen-2022-061087 (Impact factor: 3.007)
  129. Pike A, Patey A, Lawrence R, Aubrey-Bassler K, Grimshaw J, Mortazhejri S, Dowling S, Jasau Y; De-implementing Wisely Research Group; Hall A. Barriers to following imaging guidelines for the treatment and management of patients with low-back pain in primary care: a qualitative assessment guided by the Theoretical Domains Framework. *BMC Prim Care*. 2022 Jun 3;23(1):143. doi: 10.1186/s12875-022-01751-6. PMID: 35659251; PMCID: PMC9164352. (Impact factor: 2.398)
  130. Roberts NF, Sprague AE, **Taljaard M**, Fell DB, Ray JG. Maternal-Newborn Health System Changes and Outcomes in Ontario Canada during Wave 1 of the COVID-19 Pandemic - A Retrospective Study. *J Obstet Gynaecol Can*. 2022 Jun;44(6):664-674 . doi: 10.1016/j.jogc.2021.12.006. PMID: 34973435; PMCID: PMC8716144 (Impact factor: 0.89)



131. Schwalm JD, Bouck Z, Natarajan MD, Pinilla N, Walker D, Syed N, Landry D, Sabri A, Tandon V, Nkurunziza J, **Taljaard M**, Sheth T. Centralized triage of suspected coronary artery disease using coronary computed tomographic angiography to optimize the diagnostic yield of invasive angiography. *CJC Open*, 2022, ISSN 2589-790X, <https://doi.org/10.1016/j.cjco.2022.10.009>. (Impact factor: 1.78)
132. Schwalm JD, Ivers NM, Bouck Z, **Taljaard M**, Natarajan MK, Nguyen F, Hijazi W, Thavorn K, Dolovich L, McCreedy T, O'Brien E, Grimshaw JM. Length of initial prescription at hospital discharge and long-term medication adherence for elderly, post-myocardial infarction patients: a population-based interrupted time series study. *BMC Med*. 2022 Jun 21;20(1):213. doi: 10.1186/s12916-022-02401-5. PMID: 35725542; PMCID: PMC9210591. (Impact factor: 11.15)
133. Shergill Y, Rice DB, Khoo EL, Jarvis V, Zhang T, **Taljaard M**, Wilson KG, Romanow H, Glynn B, Small R, Rash JA, Smith A, Monteiro L, Smyth C, Poulin PA. Mindfulness-Based Stress Reduction in Breast Cancer Survivors with Chronic Neuropathic Pain: A Randomized Controlled Trial. *Pain Res Manag*. 2022 Jul 7;2022:4020550. doi: 10.1155/2022/4020550. PMID: 35845983; PMCID: PMC9282981. (Impact Factor: 1.685)
134. Shuldiner J, Schwartz KL, Langford BJ, Ivers NM; Ontario Healthcare Implementation Laboratory study team. Optimizing responsiveness to feedback about antibiotic prescribing in primary care: protocol for two interrelated randomized implementation trials with embedded process evaluations. *Implement Sci*. 2022 Feb 14;17(1):17. doi: 10.1186/s13012-022-01194-8. PMID: 35164805; PMCID: PMC8842929. (Impact Factor: 4.525)
135. Squires JE, Aloisio LD, Santos WJ, Cho-Young D, **Taljaard M**, Gritters N, Dhanani S, Knoll G. Impact of Donation Physicians on Deceased Organ Donation: A Systematic Review. *Can J Kidney Health Dis*. 2022 Jun 21;9:20543581221107751. doi: 10.1177/20543581221107751. PMID: 35756331; PMCID: PMC9218440. (Impact Factor: 1.775)
136. Stelfox HT, Brundin-Mather R, Soo A, Whalen-Browne L, Kashyap D, Sauro KM, Bagshaw SM, Fiest KM, **Taljaard M**, Parsons Leigh J. A Multiple Baseline Trial of an Electronic ICU Discharge Summary Tool for Improving Quality of Care. *Crit Care Med*. 2022 Aug 16. doi: 10.1097/CCM.0000000000005638. Epub ahead of print. PMID: 35972243. (Impact factor: 9.296)
137. **Taljaard M**, Nicholls SG, Howie AH, Nix HP, Carroll K, Moon PM, Nightingale NM, Giraudeau B, Hey SP, Eldridge SM, Weijer C, Zwarenstein M. An analysis of published trials found that current use of pragmatic trial labels is uninformative. *J Clin Epidemiol*. 2022 Aug 18:S0895-4356(22)00195-0. doi: 10.1016/j.jclinepi.2022.08.007. Epub ahead of print. PMID: 35987403. (Impact factor: 6.437)
138. **Taljaard M**, Li F, Qin B, Cui C, Zhang L, Nicholls SG, Carroll K, Mitchell SL. Methodological challenges in pragmatic trials in Alzheimer's disease and related dementias: Opportunities for improvement. *Clinical Trials*. 2022;19(1):86-96. doi:10.1177/17407745211046672. (Impact factor: 2.715)
139. Thiruganasambandamoorthy V, Yan JW, Rowe BH, Mercier É, Le Sage N, Hegdekar M, Finlayson A, Huang P, Mohammad H, Mukarram M, Nguyen PAI, Syed S, McRae AD, Nemnom MJ, **Taljaard M**, Silviotti M. Personalised risk prediction following emergency department assessment for syncope. *Emerg Med J*. 2022 July; 38(7):501-507 . doi: 10.1136/emermed-2020-211095. PMID: 34740890. (Impact factor: 2.046)

140. Vanderhout S\*, Fergusson DA, Cook JA, **Taljaard M**. Patient-reported outcomes and target effect sizes in pragmatic randomized trials in ClinicalTrials.gov: A cross-sectional analysis. *PLoS Med*. 2022 Feb 8;19(2):e1003896. doi: 10.1371/journal.pmed.1003896. PMID: 35134080; PMCID: PMC8824332. (Impact factor: 11.07)
141. Webber G, Chirangi B, Magatti N, Mallick R, **Taljaard M**. Improving health care facility birth rates in Rorya District, Tanzania: a multiple baseline trial. *BMC Pregnancy Childbirth*. 2022 Jan 27;22(1):74. doi: 10.1186/s12884-022-04408-5. PMID: 35086508; PMCID: PMC8793235. (Impact factor: 2.938)
142. Zheng B\*, **Taljaard M**, Aaron SD, Yadav K, Rowe BH, Chan C, Stiell IG. Association between antibiotics and rehospitalization in patients with acute exacerbations of chronic obstructive pulmonary disease discharged from the emergency department. *CJEM*. 2022 Nov;24(7):725-734. doi: 10.1007/s43678-022-00373-2. Epub 2022 Oct 15. PMID: 36242731 (Impact factor: 1.28)

2021 (IF>5: 25) (1<sup>st</sup> or last: 10)

143. Zhang JZ\*, Nicholls SG, Carroll K, Nix HP, Goldstein CE, Hey SP, Brehaut JC, McLean PC, Weijer C, Fergusson DA, **Taljaard M**. Informed consent in pragmatic trials: results from a survey of trials published 2014-2019. *J Med Ethics*. 2021 Nov 15:medethics-2021-107765. doi: 10.1136/medethics-2021-107765. Epub ahead of print. PMID: 34782417. (Impact factor: 2.021)
144. Ward J, Girgis S, Thorburn K, Oliver S, Weijer C, **Taljaard M**. (2021). A Systematic Review of Self-Reported Ethical Practices in Publications of Cluster Randomised Trials Conducted in Aboriginal and Torres Strait Islander Settings. *Nulungu Research Papers*, 4. (Impact factor: N/A)
145. Hemming K, **Taljaard M**. Knowledge translation of prediction rules: methods to help health professionals understand their trade-offs. *Diagn Progn Res*. 2021 Dec 13;5(1):21. doi: 10.1186/s41512-021-00109-3. PMID: 34895354; PMCID: PMC8666169. (Impact factor: N/A)
146. Sarkies MN, Skinner EH, Bowles K, **Taljaard M**, Cheng W, Haines TP. The Efficacy Implementation Ratio: A Conceptual Model for Understanding the Impact of Implementation Strategies Using Health Outcomes. *Glob Implement Res Appl* 1, 258–266 (2021). <https://doi.org/10.1007/s43477-021-00026-z>
147. Nix HP, Weijer C, Brehaut JC, Forster D, Goldstein CE, **Taljaard M**. Informed consent in cluster randomised trials: a guide for the perplexed. *BMJ Open*. 2021 Sep 27;11(9):e054213. doi: 10.1136/bmjopen-2021-054213. PMID: 34580104; PMCID: PMC8477335. (Impact factor: 2.692)
148. Hickey M\*, McIntyre L, **Taljaard M**, Abdulaziz K, Yadav K, Hickey C, Perry JJ. Effect of prenotification on the response rate of a postal survey of emergency physicians: a randomised, controlled, assessor-blind trial. *BMJ Open*. 2021 Sep 23;11(9):e052843. doi: 10.1136/bmjopen-2021-052843. PMID: 34556517; PMCID: PMC8461690. (Impact factor: 2.692)
149. Stiell IG, Eagles D, Nemnom MJ, Brown E, **Taljaard M**; RAFF Investigators, Archambault PM, Birnie D, Borgundvaag B, Clark G, Davis P, Godin D, Hohl CM, Mathieu B, McRae AD, Mercier E, Morris J, Parkash R, Perry JJ, Rowe BH, Thiruganasambandamoorthy V, Scheuermeyer F, Sivilotti MLA, Vadeboncoeur A. Adverse



- Events Associated With Electrical Cardioversion in Patients With Acute Atrial Fibrillation and Atrial Flutter. *Can J Cardiol*. 2021 Nov;37(11):1775-1782 doi: 10.1016/j.cjca.2021.08.018. PMID: 34474123. (Impact factor: 5.223)
150. Turner SL, Forbes AB, Karahalios A, **Taljaard M**, McKenzie JE. Evaluation of statistical methods used in the analysis of interrupted time series studies: a simulation study. *BMC Med Res Methodol*. 2021 Aug 28;21(1):181. doi: 10.1186/s12874-021-01364-0. PMID: 34454418; PMCID: PMC8403376. (Impact factor: 4.402)
151. Cortel-LeBlanc MA, Sharma M, Cortel-LeBlanc A, Sivilotti MLA, Émond M, Stiell IG, Stotts G, Lee J, Worster A, Morris J, Cheung KW, Jin AY, Oczkowski WJ, Sahlas DJ, Murray HE, Mackey A, Verreault S, Camden MC, Yip S, Teal P, Gladstone DJ, Boulos MI, Chagnon N, Shouldice E, Atzema C, Slaoui T, Teitelbaum J, Abdulaziz KE, Wells GA, **Taljaard M**, Perry JJ. Predictors of neurologists confirming or overturning emergency physicians' diagnosis of TIA or stroke. *CJEM*. 2021 Nov;23(6):812-819. doi: 10.1007/s43678-021-00181-0. Epub 2021 Sep 1. PMID: 34468970. (Impact factor: N/A)
152. Turner EL, Platt AC, Gallis JA, Tetreault K, Easter C, McKenzie JE, Nash S, Forbes AB, Hemming K; CRT Binary Outcome Reporting Group. Completeness of reporting and risks of overstating impact in cluster randomised trials: a systematic review. *Lancet Glob Health*. 2021 Aug;9(8):e1163-e1168. doi: 10.1016/S2214-109X(21)00200-X. PMID: 34297963. (Impact factor: 26.763)
153. Shepherd SG, Ivers N, Natarajan M, Grimshaw J, **Taljaard M**, Bouck Z, Schwalm J. Immigrants, Ethnicity & Adherence to Secondary Cardiac Prevention Therapy: A substudy of the ISLAND Trial, *CJC Open*; 2021 Mar 26;3(7):913-923. doi: <https://doi.org/10.1016/j.cjco.2021.03.003>. (Impact factor: 0.47)
154. Chan CL, **Taljaard M** (Joint first author), Lancaster GA, Brehaut JC, Eldridge SM. Pilot and feasibility studies for pragmatic trials have unique considerations and areas of uncertainty. *J Clin Epidemiol*. 2021 Jul 3;138:102-114. doi: 10.1016/j.jclinepi.2021.06.029.. PMID: 34229091. (Impact factor: 6.437)
155. Stiell IG, Archambault PM, Morris J, Mercier E, Eagles D, Perry JJ, Scheuermeyer F, Clark G, Gosselin S, Vadeboncoeur A, Parkash R, de Wit K, Patey A, Thiruganasambandamoorthy V, **Taljaard M**; RAFF3 Study Investigators. RAFF-3 Trial: A Stepped-Wedge Cluster Randomized Trial to Improve Care of Acute Atrial Fibrillation and Flutter in the Emergency Department. *Can J Cardiol*. 2021 Oct;37(10):1569-1577. doi: 10.1016/j.cjca.2021.06.016. . PMID: 34217808. (Impact factor: 5.223)
156. Easter C, Thompson JA, Eldridge S, **Taljaard M**, Hemming K. Cluster randomized trials of individual-level interventions were at high risk of bias. *J Clin Epidemiol*. 2021 Jun 29;138:49-59. doi: 10.1016/j.jclinepi.2021.06.021. Epub ahead of print. PMID: 34197941. (Impact factor: 6.437)
157. Nicholls SG, Carroll K, Goldstein CE, Brehaut JC, Weijer C, Zwarenstein M, Dixon S, Grimshaw JM, Garg AX, **Taljaard M**. Patient Partner Perspectives Regarding Ethically and Clinically Important Aspects of Trial Design in Pragmatic Cluster Randomized Trials for Hemodialysis. *Can J Kidney Health Dis*. 2021 Jul 26;8:20543581211032818. doi: 10.1177/20543581211032818. PMID: 34367647; PMCID: PMC8317238. (Impact factor: 1.78)
158. Andruchow JE, Grigat D, McRae AD, Innes G, Vatanpour S, Wang D, **Taljaard M**, Lang E. Decision support for computed tomography in the emergency department: a

- multicenter cluster-randomized controlled trial. *CJEM*. 2021 Sep;23(5):631-640. doi: 10.1007/s43678-021-00170-3. Epub 2021 Aug 5. PMID: 34351598. (Impact factor: 2.257)
159. Pincus D, Widdifield J, Palmer KS, Paterson JM, Li A, Huang A, Wasserstein D, Lapointe-Shaw L, Brown A, **Taljaard M**, Ivers NM. Effects of hospital funding reform on wait times for hip fracture surgery: a population-based interrupted time-series analysis. *BMC Health Serv Res*. 2021; 21(1):576. doi: <https://doi.org/10.1186/s12913-021-06601-2>. (Impact factor: 1.987)
160. van Allen Z\*, Bacon SL, Bernard P, Brown H, Desroches S, Kastner M, Lavoie K, Marques M, McCleary N, Straus S, **Taljaard M**, Thavorn K, Tomasone JR, Pesseau J. Clustering of Unhealthy Behaviors: Protocol for a Multiple Behavior Analysis of Data from the Canadian Longitudinal Study on Aging. *JMIR Res Protoc* 2021;10(6):e24887. doi: 10.2196/24887. (Impact factor: 1.25)
161. Melton N, Talarico R, Abdallah F, Beulé PE, Boet S, Forster AJ, Fernando SM, Huang A, McCartney CJL, Meulenkamp B, Perry J, Power B, Ramlogan R, **Taljaard M**, Tanuseputro P, van Walraven C, Wijesundera DN, McIsaac DI. Peripheral Nerve Blocks and Potentially Attributable Adverse Events in Older People with Hip Fracture: A Retrospective Population-based Cohort Study. *Anesthesiology*. 2021 Sep;135(3):454-462. doi: 10.1097/ALN.0000000000003863. PMID: 34237127. (Impact factor: 7.067)
162. Konnyu KJ\*, **Taljaard M**, Ivers NM, Moher D, Grimshaw JM. Imputing intracluster correlation coefficients from a posterior predictive distribution is a feasible method of dealing with unit of analysis errors in a meta-analysis of cluster RCTs. *J Clin Epidemiol*. 2021 Nov;139:307-318. doi: 10.1016/j.jclinepi.2021.06.011. PMID: 34171503. (Impact factor: 6.437)
163. Lee DS, Straus SE, Austin PC, Mohamed S, **Taljaard M**, Chong A, Fang J, Prasad T, Farkouh ME, Schull MJ, Mak S, Ross HJ. Rationale and design of the comparison of outcomes and access to care for heart failure (COACH) trial: A stepped wedge cluster randomized trial. *Am Heart J*. 2021 May 10;240:1-10. doi: 10.1016/j.ahj.2021.05.003. Epub ahead of print. PMID: 33984316. (Impact factor: 4.749)
164. Korevaar E, Kasza J, **Taljaard M**, Hemming K, Haines T, Turner EL, Thompson JA, Hughes JP, Forbes AB. Intra-cluster correlations from the CLustered OUtcome Dataset bank to inform the design of longitudinal cluster trials. *Clin Trials*. 2021 Oct;18(5):529-540 doi: 10.1177/17407745211020852. PMID: 34088230. (Impact factor: 2.715)
165. Turner SL, Karahalios A, Forbes AB, **Taljaard M**, Grimshaw JM, McKenzie JE. Comparison of six statistical methods for interrupted time series studies: empirical evaluation of 190 published series. *BMC Med Res Methodol*. 2021 Jun 26;21(1):134. doi: 10.1186/s12874-021-01306-w. PMID: 34174809. (Impact factor: 4.402)
166. Lam B, Chaudry H, Mukarram M, Nemnom M, Kim S, Ishimwe AC, **Taljaard M**, Beanlands RS, Booth R, Hebert G, Stiell I, Thiruganasambandamoorthy V. Diagnostic Utility of Creatine Kinase in Patients Presenting to the Emergency Department with Chest Pain. *UOJM* 2021; 10(2). (Impact factor: N/A)
167. Schwartz KL, Ivers N, Langford BJ, **Taljaard M**, Neish D, Brown KA, Leung V, Daneman N, Alloo J, Silverman M, Shing E, Grimshaw JM, Leis JA, Wu JHC, Garber G. Effect of Antibiotic-Prescribing Feedback to High-Volume Primary Care Physicians on Number of Antibiotic Prescriptions: A Randomized Clinical Trial. *JAMA Intern Med*. 2021 Sep; 181(9):1165-1173 . doi: 10.1001/jamainternmed.2021.2790.PMID: 34228086 (Impact factor: 21.87)

168. Kurji J\*, Thickstun C, Bulcha G, **Taljaard M**, Li Z, Kulkarni MA. Spatial variability in factors influencing maternal health service use in Jimma Zone, Ethiopia: a geographically-weighted regression analysis. *BMC Health Serv Res*. 2021 May 12;21(1):454. doi: 10.1186/s12913-021-06379-3. PMID: 33980233; (Impact factor: 1.987)
169. Nicholls SG, Carroll K, Hey SP, Zwarenstein M, Zhang JZ, Nix HP, Brehaut JC, McKenzie JE, McDonald S, Weijer C, Fergusson DA, **Taljaard M**. A review of pragmatic trials found a high degree of diversity in design and scope, deficiencies in reporting and trial registry data, and poor indexing. *J Clin Epidemiol*. 2021 Mar 28;137:45-57. doi: 10.1016/j.jclinepi.2021.03.021. Epub ahead of print. PMID: 33789151. (Impact factor: 6.437)
170. Hemming K, **Taljaard M**, Moerbeek M, Forbes A. Contamination: How much can an individually randomized trial tolerate? *Stat Med*. 2021 Jun 30;40(14):3329-3351. doi: 10.1002/sim.8958. Epub 2021 May 7. PMID: 33960514. (Impact factor: 2.373)
171. McIsaac DI, Montroy J, Gagne S, Johnson C, Ernst J, Halman S, Oake J, Chan J, Madden S, Feng S, Moody M, Simard CG, **Taljaard M**, Foster M, Fergusson DA, Lalu MM. Implementation of the Canadian Cardiovascular Society guidelines for perioperative risk assessment and management: an interrupted time series study. *Can J Anaesth*. 2021 Aug;68(8):1135-1145. English. doi: 10.1007/s12630-021-02026-x. Epub 2021 May 24. PMID: 34031808. (Impact factor: 5.063)
172. Pugliese M, Tingley K, Chow A, Pallone N, Smith M, Chakraborty P, Geraghty MT, Irwin JK, Mitchell JJ, Stockler S, Nicholls SG, Offringa M, Rahman A, Tessier LA, Butcher NJ, Iverson R, Lamoureux M, Clifford TJ, Hutton B, Paik K, Tao J, Skidmore B, Coyle D, Duddy K, Dyack S, Greenberg CR, Jain Ghai S, Karp N, Korngut L, Kronick J, MacKenzie A, MacKenzie J, Maranda B, Potter M, Prasad C, Schulze A, Sparkes R, **Taljaard M**, Trakadis Y, Walia J, Potter BK; Canadian Inherited Metabolic Diseases Research Network. Core Outcome Sets for Medium-Chain Acyl-CoA Dehydrogenase Deficiency and Phenylketonuria. *Pediatrics*. 2021 Aug;148(2):e2020037747. doi: 10.1542/peds.2020-037747. Epub 2021 Jul 15. PMID: 34266901. (Impact factor: 7.124)
173. Hsu AT, Manuel DG, Spruin S, Bennett C, **Taljaard M**, Beach S, Sequeira Y, Talarico R, Chalifoux M, Kobewka D, Costa AP, Bronskill SE, Tanuseputro P. Predicting death in home care users: derivation and validation of the Risk Evaluation for Support: Predictions for Elder-Life in the Community Tool (RESPECT). *CMAJ*. 2021 Jul 5;193(26):E997-E1005. doi: 10.1503/cmaj.200022. PMID: 34226263. (Impact factor: 6.938)
174. Vaillancourt C, Charette M, Naidoo S, **Taljaard M**, Church M, Hodges S, Leduc S, Christenson J, Cheskes S, Dainty K, Feldman M, Goldstein J, Tallon J, Helmer J, Sibley A, Spidel M, Blanchard I, Garland J, Cyr K, Brehaut J, Dorian P, Lacroix C, Zambon S, Thiruganasambandamoorthy V. Multi-centre implementation of an Educational program to improve the Cardiac Arrest diagnostic accuracy of ambulance Telecommunicators and survival outcomes for sudden cardiac arrest victims: the EduCATE study design and methodology. *BMC Emerg Med*. 2021 Mar 4;21(1):26. doi: 10.1186/s12873-021-00416-4. PMID: 33663395. (Impact factor: 2.03)
175. Nakao S\*, Vaillancourt C, **Taljaard M**, Nemnom MJ, Woo MY, Stiell IG. Diagnostic Accuracy of Lung Point-Of-Care Ultrasonography for Acute Heart Failure Compared With Chest X-Ray Study Among Dyspneic Older Patients in the Emergency Department. *J Emerg Med*. 2021 Aug;61(2):161-168. doi: 10.1016/j.jemermed.2021.02.019. Epub 2021 Mar 29. PMID: 33795166. (Impact factor: 1.175)

176. Caille A, Tavernier E, **Taljaard M**, Desmée S. Methodological review showed that time-to-event outcomes are often inadequately handled in cluster randomized trials. *J Clin Epidemiol*. 2021 Jun;134:125-137. doi: 10.1016/j.jclinepi.2021.02.004. Epub 2021 Feb 10. PMID: 33581243. (Impact factor: 6.437)
177. Wong BM, Perry JJ, Cheng W, Zheng B\*, Guo K, **Taljaard M**, Skanes AC, Stiell IG. Thromboembolic events following cardioversion of acute atrial fibrillation and flutter: a systematic review and meta-analysis. *CJEM*. 2021 Jul;23(4):500-511. doi: 10.1007/s43678-021-00103-0. Epub 2021 Mar 14. PMID: 33715143. (Impact factor: 2.410)
178. Mosha JF, Kulkarni MA, Messenger LA, Rowland M, Matowo N, Pitt C, Lukole E, **Taljaard M**, Thickstun C\*, Manjurano A, Mosha FW, Kleinschmidt I, Protopopoff N. Protocol for a four parallel-arm, single-blind, cluster-randomised trial to assess the effectiveness of three types of dual active ingredient treated nets compared to pyrethroid-only long-lasting insecticidal nets to prevent malaria transmitted by pyrethroid insecticide-resistant vector mosquitoes in Tanzania. *BMJ Open*. 2021 Mar 8;11(3):e046664. doi: 10.1136/bmjopen-2020-046664. (Impact factor: 2.496)
179. Stiell IG, Mielniczuk L, Clark HD, Hebert G, **Taljaard M**, Forster AJ, Wells GA, Clement CM, Brinkhurst J, Brown EL, Nemnom MJ, Perry JJ. Interdepartmental program to improve outcomes for acute heart failure patients seen in the emergency department. *CJEM*. 2021 Mar;23(2):169-179. doi: 10.1007/s43678-020-00047-x. Epub 2021 Jan 4. PMID: 33709357.. (Impact factor: 1.656)
180. Farrah K, McIntyre L, Doig C, Talarico R, **Taljaard M**, Krahn M, Fergusson D, Forster AJ, Coyle D, Thavorn K. Sepsis-Associated Mortality, Resource Use, and Healthcare Costs: A Propensity Matched Cohort Study. *Critical Care Medicine* 2021 Feb 1;49(2):215-227. doi: 10.1097/CCM.0000000000004777. PMID: 33372748. (Impact factor: 7.442)
181. Dron L, **Taljaard M**, Cheung YB, Grais R, Ford N, Thorlund K, Jahan F, Nakimuli-Mpungu E, Xavier D, Bhutta Z, Park JH, Mills EJ. Global health clinical trials: Role and challenges of cluster randomised trials for global health. *The Lancet Global Health* 2021 May;9(5):e701-e710. doi: 10.1016/S2214-109X(20)30541-6. PMID: 33865475. (Impact factor 21.597.)
182. Park JJH, Grais RF, **Taljaard M**, Nakimuli-Mpungu E, Jehan F, Nachega JB, Ford N, Xavier D, Kengne AP, Ashorn P, Socias ME, Bhutta ZA, Mills EJ. Global health clinical trials: Urgently seeking efficiency and sustainability. *The Lancet Global Health*. 2021 May;9(5):e681-e690. doi: 10.1016/S2214-109X(20)30539-8. PMID: 33865473. (Impact factor 21.597.)
183. Tran A\*, Lamb T, **Taljaard M**, Fernando SM, Inaba K, Moore EE, Lampron J, Demetriades D, Haut ER, Vaillancourt C. Current practices and challenges in assessing traumatic hemorrhage: An international survey of trauma care providers. *J Trauma Acute Care Surg*. 2021 May 1;90(5):e95-e100. doi: 10.1097/TA.0000000000003081. PMID: 33891575. (Impact factor: 3.403)
184. Mestre TA, Kessler D, Côté D, Liddy C, Thavorn K, **Taljaard M**, Grimes D. Pilot evaluation of a pragmatic network for integrated care and self-management in Parkinson disease. *Movement Disorders Mov Disord*. 2021 Feb;36(2):398-406. doi: 10.1002/mds.28332. Epub 2020 Oct 14. PMID: 33280165. (Impact factor: 8.324)
185. Yadav K, Mattice AMS, Yip R, Rosenberg H, **Taljaard M**, Nemnom MJ, Ohle R, Yan J, Suh KN, Stiell IG, Eagles D. The impact of an outpatient parenteral antibiotic therapy (OPAT) clinic for adults with cellulitis: an interrupted time series study. *Intern Emerg Med*.

- 2021 Jan 30. doi: 10.1007/s11739-021-02631-0. Epub ahead of print. PMID: 33515424. (Impact factor: 3.168)
186. Howie A, **Taljaard M**, Moon PM, Nightingale N, Zwarenstein M. Addressing the disconnect between trial intention and design. *Lancet Glob Health*. 2021 May;9(5):e577-e578. doi: 10.1016/S2214-109X(20)30543-X. Epub 2021 Jan 15. PMID: 33460560. (Impact factor 21.597).
187. Stiell IG, Sivilotti MLA, **Taljaard M**, Birnie D, Vadeboncoeur A, Hohl CM, McRae AD, Morris J, Mercier E, Macle L, Brison RJ, Thiruganasambandamoorthy V, Rowe BH, Borgundvaag B, Clement CM, Brinkhurst J, Brown E, Nemnom MJ, Wells GA, Perry JJ. A randomized, controlled comparison of electrical versus pharmacological cardioversion for emergency department patients with acute atrial flutter. *CJEM*. 2021 May;23(3):314-324. doi: 10.1007/s43678-020-00067-7. Epub 2021 Jan 18. PMID: 33959925. (Impact factor 2.410)
188. Lin CA, O'Hara NN, Sprague S, O'Toole RV, Joshi M, Harris AD, Warner SJ, Johal H, Natoli RM, Hagen JE, Jeray KJ, Fowler JT, Phelps KD, Pilson HT, Gitajn IL, Bhandari M, Slobogean GP; PREP-IT Investigators. Low Adherence to Recommended Guidelines for Open Fracture Antibiotic Prophylaxis. *J Bone Joint Surg Am*. 2021 Apr 7;103(7):609-617. doi: 10.2106/JBJS.20.01229. PMID: 33411466. (Impact factor: 4.578)
189. Parsons Leigh J, Brundin-Mather R, Whalen-Browne L, Kashyap D, Sauro K, Soo A, Petersen J, **Taljaard M**, Stelfox HT. Effectiveness of an Electronic Communication Tool on Transitions in Care From the Intensive Care Unit: Protocol for a Cluster-Specific Pre-Post Trial, *JMIR Res Protoc* 2021;10(1):e18675. doi: 10.2196/18675 PMID: 33416509 (Impact factor: NA)
190. Calder LA, Perry J, Yan JW, De Gorter R, Sivilotti MLA, Eagles D, Myslik F, Borgundvaag B, Émond M, McRae AD, **Taljaard M**, Thiruganasambandamoorthy V, Cheng W, Forster AJ, Stiell IG. Adverse Events Among Emergency Department Patients With Cardiovascular Conditions: A Multicenter Study. *Ann Emerg Med*. 2021 Jun;77(6):561-574. doi: 10.1016/j.annemergmed.2020.12.012. Epub 2021 Feb 19. PMID: 33612283. (Impact factor: 5.352)
191. Fisher S\*, Manuel DG, Hsu AT, Bennet C, Tuna M, Eddeen AB, Sequeira Y, Jessri M, **Taljaard M**, Anderson GM, Tanuseputro P. Development and validation of a predictive algorithm for risk of dementia in the community setting. *Journal of Epidemiology and Community Health*. Published Online First: 24 June 2021. doi: 10.1136/jech-2020-214797. (Impact factor: 3.342)
192. Hemming K, **Taljaard M**. Why proper understanding of confidence intervals and statistical significance is important. *Med J Aust*. 2021 Feb;214(3):116-118.e1. doi: 10.5694/mja2.50926. Epub 2021 Jan 13. PMID: 33440457. (Impact Factor 5.332)
193. Wolfenden L, Foy R, Pesseau J, Grimshaw JM, Ivers NM, Powell BJ, **Taljaard M**, Wiggers J, Sutherland R, Nathan N, Williams CM, Kingsland M, Milat A, Hodder RK, Yoong S. Designing and undertaking randomised implementation trials: A guide for researchers. *BMJ*. *BMJ* 2021;372:m3721. (Impact factor: 30.223)
194. Li F, Hughes JP, Hemming K, **Taljaard M**, Melnick ER, Heagerty PJ. Mixed-effects models for the design and analysis of stepped wedge cluster randomized trials: An overview. *Stat Methods Med Res*. 2021 Feb;30(2):612-639. doi: 10.1177/0962280220932962. Epub 2020 Jul 6. PMID: 32631142; PMCID: PMC7785651. (Impact factor: 2.388)

195. Turner SL, Karahalios A, Forbes AB, **Taljaard M**, Grimshaw JM, Korevaar E, Cheng AC, Bero L, McKenzie JE. Creating effective interrupted time series graphs: review and recommendations. *Research Synthesis Methods* 2021; 1-12. <https://doi.org/10.1002/jrsm.1435> (Impact Factor 5.043)

2020 (IF >5: 18) (1<sup>st</sup> or last: 16)

196. Hatcher S, Heisel M, Ayonrinde O, Campbell JK, Colman I, Corsi DJ, Edgar NE, Gillett L, Kennedy SH, Hunt SL, Links P, MacLean S, Mehta V, Mushquash C, Raimundo A, Rizvi SJ, Saskin R, Schaffer A, Sidahmed A, Sinyor M, Soares C, **Taljaard M**, Testa V, Thavorn K, Thiruganasambandamoorthy V, Vaillancourt C. The BEACON study: protocol for a cohort study as part of an evaluation of the effectiveness of smartphone-assisted problem-solving therapy in men who present with intentional self-harm to emergency departments in Ontario. *Trials*. 2020 Nov 13;21(1):925. doi: 10.1186/s13063-020-04424-w. PMID: 33187542; PMCID: PMC7663866. (Impact factor: 2.049)
197. Kurji J\*; Gebretsadik LA; Wordofa MA; Morankar S; Bedru KH; Bulcha G; Bergen N; Kiros G; Asefa Y; Asfaw S; Mamo A; Endale E; Thavorn K; Labonte R; **Taljaard M**; Kulkarni MA. Effectiveness of upgraded maternity waiting homes and local leader training on improving institutional births: a cluster-randomized controlled trial in Jimma, Ethiopia. *BMC Public Health* **20**, 1593 (2020). <https://doi.org/10.1186/s12889-020-09692-4> (Impact factor: 1.198)
198. Schwalm JD, Ivers NM, Bouck Z, **Taljaard M**, Natarajan MK, Dolovich L, Thavorn K, McCready T, O'Brien E, Grimshaw JM. Length of Initial Prescription at Hospital Discharge and Long-Term Medication Adherence for Elderly, Post-Myocardial Infarction Patients: Protocol for an Interrupted Time Series Study. *JMIR Res Protoc*. 2020 Nov 4;9(11):e18981. doi: 10.2196/18981. PMID: 33146624; PMCID: PMC7673978. (Impact factor: NA)
199. Hemming K, **Taljaard M**, Weijer C, Forbes AB. Use of multiple period, cluster randomised, crossover trial designs for comparative effectiveness research *BMJ* 2020; 371 :m3800 (Impact factor: 30.223)
200. Nicholls SG, Carroll K, Weijer C, Goldstein CE, Brehaut J, Sood MM, Al-Jaishi A, Basile E, Grimshaw JM, Garg AX, **Taljaard M**. Ethical issues in the design and conduct of pragmatic cluster randomized trials in hemodialysis care: An interview study with key stakeholders. *Canadian Journal of Kidney Health and Disease* 2020; 7:1-12. (Impact factor: 1.036)
201. Al-Jaishi AA, Carroll K, Goldstein CE, Dixon SN, Garg AX, Nicholls SG, Grimshaw JM, Weijer C, Brehaut J, Thabane L, Devereaux PJ, **Taljaard M**. Reporting of key methodological and ethical aspects of cluster trials in hemodialysis require improvement: a systematic review. *Trials*. **21**, 752 (2020). <https://doi.org/10.1186/s13063-020-04657-9>. (Impact factor: 1.975)
202. Gocan S, Fitzpatrick T\*, Wang CQ, **Taljaard M**, Cheng W, Bourgoin A, Dowlatshahi D, Stotts G, Shamy M. Diagnosis of transient ischemic attack: Sex-specific differences from a retrospective cohort study. *Stroke*. 2020;51:3371–3374 (Impact factor: 6.032)
203. Kirkham KR, **Taljaard M**. Enough is enough: does trial sequential analysis tell us when we don't need to do any more studies? *Anesthesia* 2020; doi:10.1111/anae.15242 (Impact factor: 5.8)

204. London AJ, **Taljaard M**, Weijer C. Loopholes in the research ethics system? Informed consent waivers in cluster randomized trials with individual-level interventions. *Ethics & Human Research* 2020; 42(6): 21-28. DOI: 10.1002/eahr.500071 (Impact factor: NA)
205. Brunet J, Barrett-Bernstein M, Kadravec K, **Taljaard M**, LeVasseur N, Srikanthan A, Bland K A, Collins B, Kam, J W Y, Handy T, Hayden S, Simmons C, Smith A M, Virji-Babul N, Campbell K L. Study protocol of the Aerobic exercise and CogniTIVe functioning in women with breAsT canCEr (ACTIVATE) trial: a two-arm, two-centre randomized controlled trial. *BMC Cancer* 2020; 20(711). <https://doi.org/10.1186/s12885-020-07196-3> (Impact Factor 3.288)
206. McIsaac DI, **Taljaard M**, Bryson GL, Beaulé PE, Gagne S, Hamilton G, Hladkowitz E, Huang A, Joannisse J, Lavalée LT, MacDonald D, Moloo H, Thavorn K, van Walraven C, Yang H, Forster, AJ. Frailty and long-term postoperative disability trajectories: a prospective, multicenter cohort study. *British Journal of Anaesthesia* 2020. <https://doi.org/10.1016/j.bja.2020.07.003>. (Impact Factor 6.199)
207. Li AH, Palmer KS, **Taljaard M**, Paterson JM, Brown A, Huang A, Marani H, Lapointe-Shaw L, Pincus D, Wettstein MS, Kulkarni GS, Wasserstein D, Ivers N. Effects of Quality-Based Procedure Hospital Funding Reform in Ontario, Canada: An Interrupted Time Series Study. *Plos One* 2020; <https://dx.plos.org/10.1371/journal.pone.0236480> (Impact Factor 2.776)
208. Chaudhry SH\*, **Taljaard M**, Macfarlane AJ, Gaudet LM, Smith GN, Rodger M, Rennicks White R, Walker MC, Wen SW. The determinants of maternal homocysteine in pregnancy: Findings from the Ottawa and Kingston Birth Cohort. *Public Health Nutrition* 2020; Mar 19;1-11. doi: 10.1017/S1368980019004002. (Impact Factor 2.483)
209. Hladkowitz E, Yachnin D, Boland L, Wilson K, McKinnon A, Hawrysh K, Hawrysh T, Bell C, Atkinson K, van Walraven C, **Taljaard M**, Thavorn K, Stacey D, Yang H, Pysyk C, Moloo H, Manuel DG, MacDonald D, Lavalee L, Gagne S, Forster A, Bryson GL, McIsaac DI. Evaluation of a preoperative personalized risk communication tool: a prospective before-and-after study. *Canadian Journal of Anesthesia* 2020 Dec;67(12):1749-1760. English. doi: 10.1007/s12630-020-01809-y. Epub 2020 Sep 15. PMID: 32929659. (Impact Factor 1.27)
210. **Taljaard M**, McDonald S, Nicholls SG, Carroll K, Hey SP, Grimshaw JM, Fergusson DA, Zwarenstein M, McKenzie JE. A search filter to identify pragmatic trials in MEDLINE was highly specific but lacked sensitivity. *Journal of Clinical Epidemiology* 2020;124:75-84. (Impact Factor 4.245)
211. McCleary N, Ivers NM, Schwalm J-D, Witteman HO, **Taljaard M**, Desveaux L, Bouck Z, Grace SL, Natarajan M, Grimshaw JM, Pesseau J. Interventions supporting cardiac rehabilitation completion: Process evaluation investigating theory-based mechanisms of action. *Health Psychology* 2020. <http://dx.doi.org/10.1037/hea0000958> (Impact Factor 3.530)
212. Nicholls S, Zwarenstein M, Hey S, Giraudeau B, Campbell M, **Taljaard M**. The importance of decision intent within descriptions of pragmatic trials. *Journal of Clinical Epidemiology* 2020; 125: 30-37. (Impact Factor 4.245)
213. Allore HG, Goldfeld KS, Gutman R, Li F, Monin JK, **Taljaard M**, Trivison TG. Statistical considerations for embedded pragmatic clinical trials in people living with dementia. *Journal of the American Geriatric Society* 2020; 68: S68-S73. (Impact Factor 4.388)

214. Hemming K, **Taljaard M**. Reflection on modern methods: when is a stepped-wedge cluster randomized trial a good study design choice? *International Journal of Epidemiology* 2020; 49(3): 1043-1052. <https://doi.org/10.1093/ije/dyaa077> (Impact Factor 7.339)
215. Tadrous M, Fung K, Desveaux L, Gomes T, **Taljaard M**, Grimshaw JM, Bell CM, Ivers NM. Effect of academic detailing to promote appropriate prescribing in nursing homes: a pragmatic, cluster-randomized trial. *JAMA Network Open* 2020; 3(5): e205724. (Impact Factor 5.03)
216. Rogers Van Katwyk S\*, Hoffman SJ, Mendelson M, **Taljaard M**, Grimshaw JM. Strengthening the science of addressing antimicrobial resistance: A framework for planning, conducting, and disseminating antimicrobial resistance intervention research. *Health Research Policy and Systems* 2020; 18:60. <https://doi.org/10.1186/s12961-020-00549-1>. (Impact Factor 2.420)
217. Ivers NM, Schwalm J-D, Bouck Z, McCready T, **Taljaard M**, Grace SL, Cunningham J, Bosiak B, Pesseau J, Witteman HO, Suskin N, Wijesundera HC, Atzema C, Bhatia RC, Natarajan M, Grimshaw JM. Interventions Supporting Long-term Adherence and Decreasing cardiovascular events post myocardial infarction (ISLAND): a pragmatic randomized trial. *BMJ* 2020; 369: m1731. <https://doi.org/10.1136/bmj.m1731> (Impact Factor 30.223)
218. Thiruganasambandamoorthy V, McRae AD, Rowe BH, Sivilotti MLA, Mukarram M, Nemnom MJ, Booth RA, Calder LA, Stiell IG, Wells GA, Cheng W, **Taljaard M**. Does NT-proBNP improve the Risk-Stratification of Emergency Department Patients with Syncope? *Annals of Internal medicine* 2020; 172(10):648-655. (Impact Factor 21.317)
219. Zheng Bo\*, Toarta C, Cheng W, **Taljaard M**, Reaumed N, Perry J. Accuracy of the Multinational Association of Supportive Care in Cancer (MASCC) and Clinical Index of Stable Febrile Neutropenia (CISNE) scores for predicting serious complications in adult patients with febrile neutropenia: A systematic review and meta-analysis. *Critical Reviews in Oncology/Hematology* 2020; 149:102922. <https://doi.org/10.1016/j.critrevonc.2020.102922> (Impact Factor 5.833)
220. Petkovic J, Jull J, Yoganathan M, Dewidar O, Baird S, Grimshaw JM, Johansson KA, Kristjansson E, McGowan J, Moher D, Petticrew M, Robberstad B, Shea B, Tugwell P, Volmink J, Wells GA, Whitehead M, Cuervo LG, White H, **Taljaard M** (joint senior author); Vivian Welch (joint senior author). Reporting of health equity considerations in cluster and individually randomized trials. *Trials* 2020; 21. <https://doi.org/10.1186/s13063-020-4223-5>. (Impact Factor 1.975)
221. Korevaar E, Karahalios A, Forbes AB, Turner S, McDonald S, **Taljaard M**, Grimshaw JM, Cheng AC, Bero L, McKenzie JE. Methods used to meta-analyse results from interrupted time series studies: A methodological systematic review protocol. *F1000Research* 2020, **9**:110 (<https://doi.org/10.12688/f1000research.22226.1>) (Impact Factor 2.640)
222. Turner S, Karahalios A, Forbes A, **Taljaard M**, Grimshaw JM, Cheng A, Bero L, McKenzie J. Design characteristics and statistical methods used in interrupted time series studies evaluating public health interventions: A review. *Journal of Clinical epidemiology* 2020; 122:1-11. (Impact Factor 4.245)
223. McCleary N, Desveaux L, Reis C, Linklater S, Witteman HO, **Taljaard M**, Thavorn K, Grimshaw JM, Ivers NM, Pesseau J. A multiple-behaviour investigation of goal prioritisation in physicians receiving audit and feedback to address high-risk prescribing in nursing homes. *Implement Sci Commun* ; 2020; **1**, 33. <https://doi.org/10.1186/s43058-020-00019-3>. (Impact Factor NA)



224. Fisher S\*; Bennett C; Hennessy D; Robertson T; Leyland A; **Taljaard M**; Sanmartin C; Jha P; Frank J; Tu JV; Rosella L; Wang J; Tait C; Manuel D. International Population-Based Health Surveys Linked to Outcome Data: A New Resource for Public Health and Epidemiology. *Health Reports* 2020. <https://www.doi.org/10.25318/82-003-x202000700002-eng> (Impact Factor 2.905)
225. Fitzpatrick T\*, Gocan S, Wang CQ, Bourgoin A, **Taljaard M**, Cheng W, Dowlatshahi D, Stotts G, Shamy M. Cohort study of features used by experts to diagnose transient ischemic attack. *The Neurohospitalist* 2020; <https://doi.org/10.1177/1941874420908485>. (Impact Factor NA)
226. Wen S, Miao Q, **Taljaard M**, Loughheed J, Gaudet L, Davies M, Lanes A, Leader A, Corsi DJ, Sprague AE, Walker M. Associations of Assisted Reproductive Technology and Twin Pregnancy With Risk of Congenital Heart Defects. *JAMA Pediatrics* 2020; 174(5): 1-9. doi: 10.1001/jamapediatrics.2019.6096. (Impact Factor 12.004)
227. Thiruganasambandamoorthy V, Sivilotti MLA, Le Sage N, Yan JW, Huang P, Hegdekar M, Mercier E, Mukarram M, Nemnom M, McRae AD, Rowe BH, Stiell I, Wells GA, Krahn AD, **Taljaard M**. Multicenter Emergency Department Validation of the Canadian Syncope Risk Score. *JAMA Internal Medicine* 2020; 180(5): 737-744. (Impact Factor 20.8)
228. Ivers NM, **Taljaard M**, Giannakeas V, Reis C, Mulhall C, Lam JMC, Burchell AN, Lebovic G, Bronskill SE. Effectiveness of confidential reports to physicians on their prescribing of antipsychotic medications in nursing homes. *Implementation Science Communications* 2020; 1, 30 <https://doi.org/10.1186/s43058-020-00013-9> (Impact Factor NA)
229. Pugliese M; Tingley K; Chow A; Pallone N; Smith M; Rahman A; Chakraborty P; Geraghty MT; Irwin J; Tessier L; Nicholls SG; Offringa M; Butcher NJ; Iverson R\*; Clifford TJ; Stockler S; Hutton B; Paik K; Tao J; Skidmore B; Coyle D; Duddy K; Dyack S; Greenberg CR; Ghai SJ; Karp N; Korngut L; Kronick J; Mackenzie A; Mackenzie J; Maranda B; Mitchell JJ; Potter M; Prasad C; Schulze A; Sparkes R; **Taljaard M**; Trakadis Y; Walia J; Potter BK. Outcomes in pediatric studies of medium-chain acyl-coA dehydrogenase (MCAD) deficiency and phenylketonuria (PKU): A review. *Orphanet Journal of Rare Diseases* 2020; 15(1): 12. doi: 10.1186/s13023-019-1276-1. (Impact Factor 3.687)
230. Thiruganasambandamoorthy V, Stiell IG, Chaudry H, Mukarram M, Booth RA, Toarta C, Hebert G, Beanlands RS, Wells GA, Nemnom M, **Taljaard M**. Use of Conventional Cardiac Troponin Assay for Diagnosis of Non-ST-Elevation Myocardial Infarction: ‘The Ottawa Troponin Pathway’. *Plos One* 2020; 15(1): e0226892–e0226892.doi: 10.1371/journal.pone.0226892. (Impact Factor 2.740)
231. Bhatt M, Cheng W, Roback MG, Johnson DW, **Taljaard M**, on behalf of the Sedation Safety Study Group of Pediatric Emergency Research Canada (PERC). Impact of timing of pre-procedural opioids on adverse events in procedural sedation. *Acad Emerg Med.* 2020; 27(3): 217-227. doi:10.1111/acem.13913 (Impact Factor 2.5)
232. Rogers Van Katwyk S\*; Grimshaw J; Nkangu M; Mendelson M; **Taljaard M**; Hoffman SJ. Study reporting quality among interventions to reduce antibiotic use is a barrier to evidence-informed policymaking on antimicrobial resistance. *Journal of Antimicrobial Chemotherapy.* 2020; 75(5): 1091-1098, doi: 10.1093/jac/dkz540. (Impact Factor 5.217)
233. Stiell IG, Sivilotti MLA, **Taljaard M**, Birnie D, Vadeboncoeur A, Hohl CM, McRae A, Rowe BH, Brison RJ, Thiruganasambandamoorthy V, Macle L, Borgundvaag B, Morris J,

- Mercier E, Clement CM, Brinkhurst J, Sheehan C, Brown E, Nemnom M, Wells GA, Perry JJ. Electrical versus pharmacological cardioversion for emergency department patients with acute atrial fibrillation (RAFF2): a partial factorial randomised trial. *The Lancet* 2020; 395(102219): 339-349. (Impact Factor 59.102)
234. Nicholls SG, Zwarenstein M, **Taljaard M**. The Importance of Describing as Well as Defining Usual Care. *The American Journal of Bioethics* 2020;20:1, 56-58. doi: 10.1080/15265161.2019.1687781. (Impact Factor 5.786)
235. Murthy SK, Begum J, Benchimol EI, Bernstein CN, Kaplan GG, McCurdy JD, Singh H, Targownik LE, **Taljaard M**. Introduction of anti-TNF therapy has not yielded expected declines in hospitalization and intestinal resection rates in inflammatory bowel diseases: a population-based interrupted time series study. *Gut* 2020; 69: 274–282. (Impact Factor: 17.943)
236. McIsaac D, **Taljaard M**, Bryson GL, Beaulé PE, Gagne S, Hamilton G, Hladkovicz E, Huang A, Joannisse J, Lavallée LT, MacDonald D, Moloo H, Thavorn K, van Walraven C, Yang H, Forster AJ, Frailty as a predictor of death or new disability after surgery: a prospective cohort study. *Annals of Surgery* 2020; 271(2) 283–289. doi: 10.1097/SLA.0000000000002967. (Impact factor: 9.203)
237. Tran A\*, **Taljaard M**, Abdulaziz KE, Matar M, Lampron J, Steyerberg EW, Vaillancourt C. Early Identification of the Need for Major Intervention in Patients with Traumatic Hemorrhage: Development and Internal Validation of a Simple Bleeding Score. *Canadian Journal of Surgery* 2020 Sep-Oct;63(5):E422-E430. doi: 10.1503/cjs.010619. PMID: 33009903; PMCID: PMC7608708. (Impact Factor 2.544)
238. Hemming K, Kasza J, Hooper R, Forbes A, **Taljaard M**. A tutorial on sample size calculation for multiple-period cluster randomised parallel, cross-over and stepped-wedge trials using the Shiny CRT Calculator. *International Journal of Clinical Epidemiology* 2020; 49(3): 979-995. <https://doi.org/10.1093/ije/dyz237> (Impact Factor 7.701)
239. Nakao S\*, Vaillancourt C, **Taljaard M**, Nemnom M, Woo MY, Stiell IG. Evaluating the Impact of Point-of-Care Ultrasonography on Patients with Suspected Acute Heart Failure or Chronic Obstructive Pulmonary Disease Exacerbation in the Emergency Department: A Prospective Observational Study. *Canadian Journal of Emergency Medicine* 2020; 33(3): 342-349. (Impact Factor 1.829)
240. Zheng B\*, Kwok E, **Taljaard M**, Nemnom M, Stiell I. Decision fatigue in the Emergency Department: How does emergency physician decision making change over an eight-hour shift?. *The American Journal of Emergency Medicine* 2020; pii: S0735-6757(19)30826-5. doi: 10.1016/j.ajem.2019.12.020. (Impact Factor 1.704)
241. Vaillancourt C, Charrette M, **Taljaard M**, Thavorn K, Hall E, McLeod B, Fergusson D, Brehaut J, Graham I, Calder L, Ramsay T, Tugwell P, Kelly P, Cheskes S, Saskin R, Plint A, Osmond M, Macarthur C, Straus S, Rochon P, Prud'homme D, Dahrouge S, Marlin S, Stiell IG. A Pragmatic Strategy Empowering Paramedics to Assess Low-Risk Trauma Patients with the Canadian C-Spine Rule and Selectively Transport them Without Immobilization: Study Protocol for a Stepped Wedge Cluster Randomized Trial. *JMIR Research Protocols* 2020;9(6): e16966. <http://dx.doi.org/10.2196/16966> (Impact Factor NA)
242. **Taljaard M**, Goldstein CE, Giraudeau B, Nicholls SG, Carroll K, Hey SP, Brehaut JC, Jairath V, London AJ, Eldridge SM, Grimshaw JM, Fergusson DA, Weijer C. Cluster over individual randomization: are study design choices appropriately justified? Review of a random sample of trials. *Clinical Trials* 2020; 17(3): 253-263. (Impact Factor 2.715)

243. Weijer C, **Taljaard M**. Ottawa Statement does not impede randomised evaluation of government health programmes. *Journal of Medical Ethics*; 2020; 46(10): 31-33. doi: 10.1136/medethics-2019-105938. (Impact Factor 0.889)
244. Stacey D, **Taljaard M**, Breau RH, Baba N, Blackmore T, Boland L, Carley M, Wu RC, Smylie J, Légaré F. A patient decision aid for men with localized prostate cancer: A comparative case study of natural implementation approaches. *Cancer Nurs*. 2020; 43(1): E10–E21. (Impact factor: 1.844)
245. Freedman S, Thull-Freedman J, Lightbody T, Prisdie K, Wright B, Coulombe A, Anderson LM, Stang AS, Mikrogianakis A, VanRiper L, Stubbs M, Newton A; Pediatric Emergency Research Canada (PERC). Introducing an innovative model of acute paediatric mental health and addictions care to paediatric emergency departments: a protocol for a multicentre prospective cohort study. *BMJ Open Qual*. 2020 Dec;9(4):e001106. doi: 10.1136/bmjopen-2020-001106. PMID: 33318032; PMCID: PMC7737085. (Impact Factor: 2.692)

2019 (IF >5: 12)

246. Nicholls SG, Carroll K, Zwarenstein M, Brehaut JC, Weijer C, Hey SP, Goldstein CE, Graham ID, Grimshaw JM, McKenzie JE, Fergusson DA, **Taljaard M** on behalf of the Ethics of Pragmatic Trials project. The ethical challenges raised in the design and conduct of pragmatic trials: an interview study with key stakeholders. *Trials* 2019; 20, 765. <https://doi-org.proxy.bib.uottawa.ca/10.1186/s13063-019-3899-x> (Impact factor: 1.975)
247. Yau L\*, Mukarram MA, Kim S-M, Arcot K, Thavorn K, Stiell IG, **Taljaard M**, Rowe BH, Sivilotti MLA, Thiruganasambandamoorthy V. Outcomes and emergency medical services resource utilization among patients with syncope arriving to the emergency department by ambulance. *CJEM* 2019; 21(4): 499–504. doi: 10.1017/cem.2018.464. (Impact Factor 1.829)
248. Hemming K, **Taljaard M**, Marshall T, Goldstein CE, Weijer C. Stepped-wedge trials should be classified as research for the purpose of ethical review. *Clinical Trials* (London, England) 2019; 16: 580–588. doi: 10.1177/1740774519873322. (Impact Factor 2.715)
249. Murray DM, **Taljaard M**, Turner EL, George SM. Essential Ingredients and Innovations in the Design and Analysis of Group-Randomized Trials. *Annual review of public health*, 2019;41: 1-19 10.1146/annurev-publhealth-040119-094027. doi: 10.1146/annurev-publhealth-040119-094027. (Impact Factor 10.776)
250. Thiruganasambandamoorthy V, Sivilotti MLA, Rowe BH, McRae AD, Mukarram M, Malveau S, Yagapen AN, Sun BC on behalf of the North American Syncope Consortium. Prevalence of Pulmonary Embolism Among Emergency Department Patients With Syncope: A Multicenter Prospective Cohort Study. *Annals of Emergency Medicine*, 2019; 73(5): 500–510. doi: 10.1016/j.annemergmed.2018 (Impact Factor 5.352)
251. Chaudhry SH\*, **Taljaard M**, MacFarlane AJ, Gaudet LM, Smith GN, Rodger M, White RR, Walker MC, Wen SW. The role of maternal homocysteine concentration in placenta-mediated complications: findings from the Ottawa and Kingston birth cohort. *BMC pregnancy and childbirth*, 2019; 19: 75. doi: 10.1186/s12884-019-2219-5. (Impact Factor 3.512)
252. Dunn S, Lanes A, Sprague AE, Fell DB, Weiss D, Reszel J, **Taljaard M**, Darling EK, Graham ID, Grimshaw JM, Harrold J, Smith GN, Peterson WE, Walker M. 2019. Data

- accuracy in the Ontario Birth Registry: A chart re-abstraction study. *BMC Health Services Research* 2019;19(1):1001. doi: 10.1186/s12913-019-4825-3. (Impact Factor 2.636)
253. Fernando SM\*, Tran A\*, Cheng W, Rochweg B, **Taljaard M**, Vaillancourt C, Rowan KM, Harrison DA, Nolan JP, Kyeremanteng K, McIsaac DI, Guyatt GH, Perry JJ. Pre- and intra-arrest prognostic factors associated with survival following in-hospital cardiac arrest – systematic review and meta-analysis. *BMJ* 2019; 367: 16373–16373. (Impact Factor 27.604)
254. Kurji J\*; Kulkarni M; Gebretsadik LA; Wordofa MA; Morankar S; Bedru KH; Bulcha G; Thavorn K; Labonte R; **Taljaard M**. Effectiveness of Upgraded Maternity Waiting Homes and Local Leader Training in Improving Institutional Births among Women in Jimma Zone, Ethiopia: study protocol for a cluster randomized controlled trial. *Trials* 2019; 20(1): 671.doi: 10.1186/s13063-019-3755-z. (Impact Factor 1.975)
255. Boland L, Légaré F, McIsaac DI, Graham ID, **Taljaard M**, Decary S, & Stacey D. SURE Test Accuracy for Decisional Conflict Screening among Parents Making Decisions for Their Child. *Medical Decision Making* 2019; 39(8): 1010–1018. doi: 10.1177/0272989X19884541. (Impact factor: 2.793)
256. Weijer C, **Taljaard M**. The ethics of cluster randomized trials: Response to a proposal for revision of the Ottawa Statement. *Journal of Clinical Epidemiology* 2019; 116: 140–145. doi: 10.1016/j.jclinepi.2019.08.006.(Impact Factor 4.245)
257. Tsampalieros A\*, Fergusson D, Dixon S, English SW, Manuel D, Van Walraven C, **Taljaard M**, Knoll GA. The Effect of Transplant Volume and Patient Case Mix on Centre Variation in Kidney Transplantation Outcomes. *Canadian Journal of Kidney Health and Disease*. 2019; 6: 2054358119875462–2054358119875462. (Impact factor NA)
258. Kurji J\*, Gebretsadik LA, Wordofa MA, Morankar S, Asefa Y, Kiros G, Mamo A, Bergen N, Asfaw S, Bedru KH, Bulcha G, Labonte R, **Taljaard M**, Kulkarni MA. Factors associated with maternity waiting home use among women in Jimma Zone, Ethiopia: a, multi-level, cross-sectional analysis. *BMJ Open* 2019; 9: e028210–e028210 (Impact Factor 2.376)
259. Riddle AY\*, Kroeger CM, Ramage AK, Bhutta ZA, Kristjansson E, Vlassoff C, **Taljaard M**, Skidmore B, Welch V, Wells GA. Protocol: The effects of empowerment-based nutrition interventions on the nutritional status of adolescent girls in low- and middle-income countries. *Campbell Systematic Reviews* 2019; 15(3): CL21042 (Impact Factor 4.95)
260. Wood B\*, **Taljaard M**, El-Khatib, Z, McFaul S, Graham ID, Little J. Development and Field Testing of a Tool to Elicit Women’s Preferences among Cervical Cancer Screening Modalities. *Journal of Evaluation in Clinical Practice* 2019; 25(6): 1169–1181 doi: 10.1111/jep.13258. (Impact Factor 1.053)
261. Wettstein MS, Palmer KS, Kulkarni GS, J. Paterson M, Ling, V, Lapointe-Shaw L, Li Al, Brown A, **Taljaard M**, Ivers I. Management Strategies and Patient Selection After a Hospital Funding Reform for Prostate Cancer Surgery in Canada. *JAMA Network Open*. Published online August 30, 2019; 2(8):e1910505. doi:10.1001/jamanetworkopen.2019.10505 (Impact Factor: 16.56)
262. Liddy C, Moroz I, Keely E, **Taljaard M**, Deri Armstrong C, Afkham A, Kendall CE. Understanding the impact of a multispecialty electronic consultation service on family physician referral rates to specialists: a randomized controlled trial using health administrative data. *Trials*. 2019; 20(1):348. doi: 10.1186/s13063-019-3393-5. (Impact Factor: 2.258)

263. Kasza J, **Taljaard M**, Forbes A. Information content of stepped-wedge designs when treatment effect heterogeneity and/or implementation periods are present. *Statistics in Medicine* 2019; 38(23): 4686–4701. doi: 10.1002/sim.8327. (Impact Factor: 1.861)
264. Fernando SM\*, Tran A\*, Cheng W, Rochweg B, **Taljaard M**, Kyeremanteng K, English SW, Sekhon MS, Griesdale DEG, Dowlatshahi D, McCredie VA, Wijdicks EFM, Almenawer SA, Inaba K, Rajajee V, Perry JJ. Diagnosis of elevated intracranial pressure in critically ill adults: a systematic review and meta-analysis. *BMJ (Clinical research ed.)* 2019; 366: l4225. doi: 10.1136/bmj.l4225. (Impact Factor: 27.604)
265. Reszel J, Weiss D, Sprague AE, Fell DB, Dunn S, Walker MC, Sidney D, **Taljaard M**, Peterson WE. A mixed-methods evaluation of the MOREOB program in Ontario hospitals: Participant knowledge, organizational culture, and experiences. *BMC Health Services Research*. 2019 (July); 19(1):4660. doi: 10.1186/s12913-019-4224-9. (Impact Factor: 2.636)
266. Teerenstra S, **Taljaard M**, Haenen A, Huis A, Atsma F, Rodwell L, Hulscher M. Sample size calculation for stepped-wedge cluster-randomized trials with more than two levels of clustering. *Clinical Trials*. 2019; 16(3):225-236. doi: 10.1177/1740774519829053. (Impact Factor: 2.715)
267. Mtande TK, Weijer C, Hosseinipour MC, **Taljaard M**, Matoga M, Goldstein CE, Nyambalo B, Rosenberg NE. Ethical Issues Raised by Cluster Randomized Trials Conducted in Low-Resource Settings: Identifying Gaps in the Ottawa Statement Through an Analysis of the PURE Malawi Trial. *Journal of Medical Ethics*. 2019; 45: 388–393. (Impact Factor: 1.889)
268. Goldstein CE, Weijer C, **Taljaard M**, Al-Jaishi AA, Basile E, Brehaut J, Cook CL, Grimshaw JM, Lacson E Jr., Lindsay C, Jardine M, Dember LM, Garg AX. Ethical issues in pragmatic cluster randomized trials in dialysis facilities. *American Journal of Kidney Disease*. 2019; 74(5):659-666. (Impact Factor: 7.62)
269. Van Katwyk SR\*, Grimshaw JM, Nkangu M, Nagi R, Mendelson M, **Taljaard M**, Hoffman SJ. Government policy interventions to reduce human antimicrobial use: a systematic review and evidence map. *Plos Medicine*. 2019; 16(6):e1002819. doi: 10.1371/journal.pmed.1002819. (Impact Factor: 11.675)
270. Vaissou G, Witteman HO, Chipenda-Dansokho S, Saragosa M, Bouck Z, Bravo CA, Desveaux L, Llovet D, Presseau J, **Taljaard M**, Umar S, Grimshaw JM, Tinmouth J, Ivers NM. Testing email content to encourage physicians to access an audit and feedback tool: a factorial randomized experiment. *Current Oncology*. 2019; 7(2):e11. doi: 10.2196/resprot.9090. (Impact Factor: 2.048)
271. Weiss D, Fell DB, Sprague AE, Walker MC, Dunn S, Reszel J, Peterson WE, Coyle D, **Taljaard M**. Effect of implementation of the MOREOB program on adverse maternal and neonatal birth outcomes in Ontario, Canada: a retrospective cohort study. *BMC Pregnancy and Childbirth*. 2019; 19(151):1-10. doi: 10.1186/s12884-019-2296-5. (Impact Factor: 3.512)
272. Grimshaw JM, Ivers NM, Linklater S, Foy RC, Francis JJ, Gude WT, Hysong SJ, on behalf of the Audit & Feedback MetaLab. Reinvigorating Stagnant Science - Implementation Laboratories and a Meta-Laboratory to Efficiently Advance the Science of Audit and Feedback. *BMJ Qual Saf*. 2019; 28(5):416-423. doi: 10.1136/bmjqs-2018-008355. (Impact Factor: 7.226)
273. Reardon PM\*, Patrick S, **Taljaard M**, Thavorn K, Nemnom M, Mukarram M, Kim S, Le Gal G, Huang L\*, Thiruganasambandamoorthy V. Diagnostic Accuracy and Financial Implications of Age-adjusted D-dimer Strategies for the Diagnosis of Deep Venous

- Thrombosis in the Emergency Department. *The Journal of Emergency Medicine*. 2019; 56(5):469-477. doi: 10.1016/j.jemermed.2019.01.027. (Impact Factor: 1.175)
274. Reszel J, Dunn S, Sprague AE, Graham ID, Grimshaw JM, Peterson WE, Ockenden H, Wilding J, Quosdorf A, Darling EK, Fell DB, Harrold J, Lanes A, Smith GN, **Taljaard M**, Weiss D, Walker MC. Use of a maternal newborn audit and feedback system in Ontario: A collective case study. *BMJ Quality & Safety*. 16 Feb 2019. doi:10.1136/bmjqs-2018-008354. [epub ahead of print] 2019; 28: 635–644 (Impact Factor: 7.226)
275. Hemming K, **Taljaard M**, Grimshaw JM. Introducing the new CONSORT extension for stepped-wedge cluster randomised trials. *Trials* 2019; 20:68. doi: 10.1186/s13063-018-3116-3. (Impact Factor: 2.258)
276. Koszycki D, **Taljaard M**, Bialejew C, Gow RM, Bradwejn J. Stress reactivity in healthy child offspring of parents with anxiety disorders. *Psychiatry Research*. 2019; 272:756-764. doi: 10.1016/j.psychres.2018.12.171. (Impact Factor: 2.682)
277. Shireman TI, Ogarek J, Gozalo P, Zhang T, Mor V, Davidson HE, Han L, **Taljaard M**, Gravenstein S. Cost Benefit of High-Dose vs Standard-Dose Influenza Vaccine in a Long-Term Care Population during an A/H1N1 Predominant Influenza Season. *JAMDA*. 2019; 20(7):874-878. doi: 10.1016/j.jamda.2018.12.003 (Impact factor: 5.3252)
278. Lavin Venegas C\*, **Taljaard M**, Reszel J, Dunn S, Graham ID, Harrold J, Larocque C, Nicholls B, Nicholls S, O’Flaherty P, Squires J, Stevens B, Trépanier MJ, Harrison D. (2019). A parent-targeted and mediated video intervention to improve uptake of pain treatment for babies during newborn screening: A pilot randomized controlled trial. *The Journal of Perinatal and Neonatal Nursing*, 33(1), 74–81. <https://doi.org/10.1097/jpn.0000000000000386> (Impact factor: 0.949)
279. Danese E, Raimondi S, Montagnana M, Tagetti A, Langaee T, Borgiani P, Ciccacci C, Carcas A, Borobia A, Tong H, Dávila-Fajardo CL, Botton M, Bourgeois S, Deloukas P, Caldwell M, Burmester J, Berg R, Cavallari L, Drozda K, Huang M, Zhao L, Cen H, Gonzalez-Conejero R, Roldan V, Nakamura Y, Mushiroda T, Gong I, Kim R, Hirai K, Itoh K, Isaza C, Beltrán L, Jiménez-Varo E, Cañadas-Garre M, Giontella A, Kringen M, Haug KBF, Gwak H, Lee KE, Minuz P, Lee MT, Lubitz S, Scott S, Mazzaccara C, Sacchetti L, Genç E, Özer M, Pathare A, Krishnamoorthy R, Paldi A, Siguret V, Lorient M, Kutala VK, Suarez-Kurtz G, Perini J, Denny J, Ramirez A, Mittal B, Rathore SS, Sagreiya H, Altman R, Shahin M, Khalifa S, Limdi N, Rivers C, Shendre A, Dillon C, Suriapranata I, Zhou H, Tan S, Tatarunas V, Lesauskaite V, Zhang Y, Maitland-van der Zee A, Verhoef T, de Boer A, **Taljaard M**, Zambon CF, Pengo V, Zhang J, Pirmohamed M, Johnson J, and Fava C. The effect of CYP4F2, VKORC1 and CYP2C9 in influencing coumarin dose. A single patient data meta-analysis in more than 15,000 individuals. *Clinical Pharmacology & Therapeutics*. 2019; 105(6):1477-1491 (Impact factor: 7.266)
280. Hemming K, Carroll K, Thompson J, Forbes A, **Taljaard M**. Quality of stepped-wedge trial reporting can be reliably assessed using an updated CONSORT: crowd-sourcing systematic review. *Journal of Clinical Epidemiology*. 2019; 107: 77-88. doi: 10.1016/j.jclinepi.2018.11.017. (Impact factor: 4.245)
281. Thiruganasambandamoorthy V, Rowe BH, Sivilotti MLA, McRae AD, Arcot K, Nemnom M, Huang L\*, Mukarram M, Krahn AD, Wells GA, **Taljaard M**. Duration of Electrocardiographic Monitoring of Emergency Department Patients with Syncope. *Circulation*. 2019; 139(11):1396-1406. doi: 10.1161/CIRCULATIONAHA.118.036088. (Impact factor: 18.88)

282. Tran A\*, Nemnom M, Lampron J, Matar M, Vaillancourt C, **Taljaard M**. Accuracy of Massive Transfusion as a Surrogate for Significant Traumatic Bleeding in Health Administrative Datasets. *Injury* 2019; 50(2):318-323. doi: 10.1016/j.injury.2018.11.014. (Impact factor: 2.459)
283. Turner SL, Karahalios A, Forbes AB, **Taljaard M**, Grimshaw JM, Cheng A, Bero L, McKenzie JE. Design characteristics and statistical methods used in interrupted time series studies evaluating public health interventions: protocol for a review. *BMJ Open*. 2019; 9(1):e024096. doi: 10.1136/bmjopen-2018-024096. (Impact factor: 2.413)
284. Goldstein CE, Giraudeau B, Weijer C, **Taljaard M**. In reply: When and how should we cluster and cross over: methodological and ethical issues (letters 1 and 2). *Can J Anaesth*. 2019 Feb;66(2):239-240. doi: 10.1007/s12630-018-1239-3. Epub 2018 (Impact Factor: 3.377)
285. Fernando SM\*, Tran A\*, Cheng W, Rochweg B, **Taljaard M**, Thiruganasambandamoorthy V, Kyeremanteng K, Perry JJ. Prognostic Accuracy of the HEART Score for Prediction of Major Adverse Cardiac Events in Patients Presenting with Chest Pain. *Academic Emergency Medicine* 2019; 26(2):140-151. doi: 10.1111/acem.13649. (Impact factor: 2.612)
286. Campbell MJ, Hemming K, **Taljaard M**. The Stepped Wedge Cluster Randomised Trial: what it is and when it should be used. *Medical Journal of Australia*. 2019; 210(6):253-254. doi: 10.5694/mja2.50018. (Impact factor: 5.332)
287. Ivers NM, **Taljaard M**, Giannakeas V, Reis C, Williams E, Bronskill SE. Public reporting of antipsychotic prescribing in nursing homes: population-based interrupted time series analyses. *BMJ Quality and Safety*. 2019; 28(2):121-131. doi: 10.1136/bmjqs-2018-007840. (Impact factor: 3.988)
288. Lavin Venegas C\*, **Taljaard M**, Reszel J, Harrison D. Barriers and facilitators to using pain treatment during newborn screening blood tests at a mother-baby unit. *Journal of Neonatal Nursing* 2019; 35(3): 139-144. <https://doi.org/10.1016/j.jnn.2018.08.005> (Impact factor: NA)

## 2018

289. Nicholls SG, Carroll K, Brehaut J, Weijer C, Hey SP, Goldstein CE, Zwarenstein M, Graham ID, McKenzie JE, McIntyre L, Jairath V, Campbell MK, Grimshaw JM, Fergusson DA and **Taljaard M**. Stakeholder views regarding ethical issues in the design and conduct of pragmatic trials: Study Protocol. *BMC Medical Ethics* 2018; 19:90. <https://doi.org/10.1186/s12910-018-0332-z>. (Impact factor: 1.969)
290. Xie R; Tan H; **Taljaard M**; Liao Y; Krewski D; Du Q; Wu Wen S. An assessment of impact of maternal education through text messaging: results from a cluster randomized trial in rural China. *JMIR Mhealth and Uhealth* 2018; 6(12):e11213. doi: 10.2196/11213. (Impact factor: 4.541)
291. Chen I, Opiyo N, Tavender E, Mortazhejri S, Rader T, Petkovic J, Yogasingam S, **Taljaard M**, Agarwal S, Laopaiboon M, Wasiak J, Khunpradit S, Lumbiganon P, Gruen RL, Betran A. Non-clinical interventions for reducing unnecessary caesarean section. *Cochrane Database of Systematic Reviews* 2018, Issue 9. Art. No.: CD005528. DOI: 10.1002/14651858.CD005528.pub3. (Impact factor: 6.754).
292. Yang H, Dervin G, Madden S, Fayad A, Beaulé P, Gagné S, Crossan ML, Wheeler K, Afagh M, Zhang T, **Taljaard M**. Postoperative Home Monitoring After Joint Replacement:

- Retrospective Outcome Study Comparing Cases With Matched Historical Controls. *JMIR Perioper Med* 2018;1(2):e10169. DOI: 10.2196/10169. (Impact factor: n/a).
293. **Taljaard M**; Weijer C; Grimshaw JM; Ali A; Brehaut JC; Campbell MK; Carroll K; Edwards S; Eldridge S; Forrest CM; Giraudeau B; Goldstein CE; Graham I; Hemming K; Hey SP; Horn AR; Jairath V; Klassen TP; London AJ; Marlin S; Marshall JC; McIntyre L; McKenzie JE; Nicholls SG; Paprica A; Zwarenstein M; Fergusson DA. Developing a framework for the ethical design and conduct of pragmatic trials in healthcare: A mixed methods research protocol. *Trials*. 2018 Sep 27;19(1):525. doi: 10.1186/s13063-018-2895-x. (Impact factor: 2.067).
294. Lofters AK, Mark A; **Taljaard M**; Green M; Glazier RH; Dahrouge S. Cancer Screening Inequities in a Time of Primary Care Reform: A Population-Based Longitudinal Study in Ontario, Canada. *BMC Family Practice* 2018; Aug 29;19(1):147. doi: 10.1186/s1FSt2875-018-0827-1. (Impact factor: 2.032)
295. Tsampalieros A\*, Knoll GA, Dixon S, English S, Manuel D, Van Walraven C, **Taljaard M**, Fergusson D. Case-mix, patterns of care and in-patient outcomes among Ontario kidney transplant centres: a population-based study. *Can J Kidney Health Dis*. 2018; 5: 2054358117730053. (Impact factor: n/a).
296. Yang H, Dervin G, Madden S, Beaulé P, Gagné S, Vrossan M, Fayad A, Wheeler K, Afagh M, Zhang TH, **Taljaard M**. Postoperative Home Monitoring After Joint Replacement: Feasibility Study. *JMIR Perioper Med* 2018;1(2):e10168 DOI: 10.2196/10168. (Impact factor: n/a).
297. McIntyre L, **Taljaard M**, McArdle T, Fox-Robichaud A, English S, Martin C, Marshall J, Menon K, Muscedere J, Cook D, Weijer C, Saginur R, Maybee A, Iyengar A, Forster A, Graham I, Hawken S, McCartney C, Seely A, Stiell I, Thavorn K, Fergusson D. The FLUID Trial: A Protocol for a Hospital – Wide Open - Label Cluster Cross-Over Pragmatic Comparative Effectiveness Randomized Pilot Trial. *BMJ Open*. 2018; 8(8): e022780. (Impact factor: 2.413)
298. Goldstein CE, Weijer C, Brehaut JC, Campbell M, Fergusson DA, Grimshaw JM, Hemming K, Horn AR, **Taljaard M**. Accommodating quality and service improvement research within existing ethical principles. *Trials* 2018; 19(1): 334. (Impact factor: 2.067)
299. Manuel DG, Tuna M, Bennett C, Hennessy D, Rosella L, Sanmartin C, Tu JV, Perez R\*, Fisher S\*, **Taljaard M**. Development and validation of a cardiovascular disease risk prediction model using population health surveys: the Cardiovascular Disease Population Risk Tool (CVDPoRT). *CMAJ* Jul 2018, 190 (29) E871-E882; DOI: 10.1503/cmaj.170914. (Impact factor: 6.210)
300. Wood B\*, Russell VL, El-Khatib Z, McFaul S, **Taljaard M**, Little J, Graham ID. They should be asking us: a qualitative decisional needs assessment for women considering cervical cancer screening. *Global Qualitative Nursing Research* 2018 Jul 2;5:2333393618783632. doi: 10.1177/2333393618783632. eCollection 2018 Jan-Dec. (Impact factor: n/a)
301. McIsaac D, Saunders C, Hladkiewicz E, Bryson G, Forster A, Gagne S, Huang A, Lalu M, Lavallee L, Moloo H, Nantel J, Power B, Scheede-Bergdahl C, **Taljaard M**, van Walraven C, McCartney C. The PREHAB Study: A protocol for a prospective randomized clinical trial of exercise therapy for people living with frailty having cancer surgery. *BMJ Open* 2018; 8(6):e022057. (Impact factor: 2.413)



302. Boet S, Bryson GL, **Taljaard M**, Pigford A, McIsaac D, Brehaut J, Forster A, Hohamed K, Clavel N, Pysyk C, Grimshaw J, on behalf of the Group Canadian Perioperative Anesthesia Clinical Trials Group. Effect of Audit and Feedback On Physicians' Intraoperative Temperature Management And Patient Outcomes: A Three-Arm Cluster Randomized Controlled Trial Comparing Benchmarked And Ranked Feedback. *Canadian Journal of Anesthesia* 2018; 65(11):1196-1209. (Impact factor: 3.377)
303. Cook OG\*, Mukarram MA, Kim S, Arcot K, Nemnom M, **Taljaard M**, Sivilotti MLA, Rowe BH, Thiruganasambandamoorthy V. The application of outpatient cardiac testing among emergency department patients with syncope. *Emergency Medicine Journal*. Published Online First: 24 April 2018. doi: 10.1136/emered-2017-207081. (Impact factor: 2.046)
304. El Amiri W, Koszycki D, **Taljaard M**, Segal Z, Bradwejn J. Predictors of Etiological Beliefs about Panic Disorder and Impact of Beliefs on Treatment Outcomes. *Psychiatry Research* 2018; 264:155-161 (Impact factor: 2.223)
305. Hemming K, **Taljaard M**, McKenzie J, Hooper R, Copas A, Thompson JA, Dixon-Woods M, Aldcroft A, Doussau A, Grayling M, Kristunas C, Goldstein CE, Girling A, Eldridge S, Campbell MJ, Lilford RJ, Weijer C, Forbes A, Grimshaw JM Reporting of stepped wedge cluster randomised trials: Extension of the CONSORT 2010 statement with explanation and elaboration. *BMJ* 2018;363:k1614. (Impact factor: 23.259)
306. Horn AR, Weijer C, Hey PS, Brehaut J, Fergusson D, Goldstein CE, Grimshaw J, **Taljaard M**. Thinking Clearly About the FIRST Trial: Addressing ethical challenges in cluster randomized trials of policy interventions involving health providers. *Journal of Medical Ethics*. 2018; 44(9):593-598. doi: 10.1136/medethics-2017-104282 (Impact factor: 1.889)
307. Mallya S, Sander B, Roy-Gagnon M, **Taljaard M**, Jolly A, Kulkarni M. Factors associated with Human West Nile Virus Infection in Ontario: A Generalized Linear Mixed Modeling Approach. *BMC Infectious Diseases* 2018; 18:141 (Impact factor: 2.620)
308. Katz KC, Golding GR, Choi KB, Pelude L, Amaratunga K, **Taljaard M**, Alexandre A, Collet JC, Davis I, Du T, Evans GE, Frenette C, Gravel D, Hota S, Kibsey P, Langley JM, Lee B, Lemieux C, Longtin Y, Mertz D, L Maze Dit Mieusement, Minion J, Moore D, Munira M, Quach C, Richardson S, Science M, Simor AE, Stagg P, Suh K, Taylor G, Wong A, Thampi N and the Canadian Nosocomial Infection Surveillance Program. Evolving Epidemiology of Clostridium Difficile Infection in Canadian Hospitals during a Post-Epidemic period (2009-2015). *CMAJ*. 2018; 190(25):E758-765. (Impact factor: 6.210)
309. Bhatt M; Johnson DW; **Taljaard M**; Chan J; Barrowman N; Farion KJ; Ali S; Beno S; Dixon A; McTimoney CM; Dubrovsky AS; Roback MG for the Sedation Safety Study Group of Pediatric Emergency Research Canada (PERC). Association of preprocedural fasting with outcomes of emergency department sedation in children. *JAMA Pediatr*. 2018;172(7):678-685. doi:10.1001/jamapediatrics.2018.0830. (Impact factor: 10.769)
310. Goldstein CE; Giraudeau B, Weijer C; **Taljaard M**. When and how should we cluster and cross over: methodological and ethical issues. *Canadian Journal of Anesthesia* 2018; 65(7): 760-765. (Impact factor: 3.377)
311. Liddy C, Moroz I, Keely E, **Taljaard M**, Mark Fraser A, Deri Armstrong C, Afkham A, Kendall, C. The use of electronic consultations is associated with lower specialist referral rates: a cross sectional study using population-based health administrative data. *Family Practice* 2018; 35(6):698-705. (Impact factor: 1.675)

312. Goldstein CE; Weijer C; Brehaut JC; Fergusson DA; Grimshaw JM; Horn AR; **Taljaard M**. Ethical issues in pragmatic randomized controlled trials: a review of the recent literature identifies gaps in ethical argumentation. *BMC Medical Ethics* 2018; 19(1): 14. (Impact factor: 1.969)
313. Hemming K, **Taljaard M**, Forbes G, Eldridge S, Weijer C. Ethical implications of excessive cluster sizes in cluster randomised trials. *BMJ Quality and Safety* 2018; 27(8):664-670. (Impact factor: 7.226).
314. Corrales-Medina VF, Dwivedi G, **Taljaard M**, Petreich W, Yende S, Kronmal RA, Chirinos JA. Coronary artery calcium before and after hospitalization for pneumonia: The MESA study. *PLoS One* 2018 Feb 8;13(2):e0191750. doi: 10.1371/journal.pone.0191750. eCollection 2018. (Impact factor: 2.766)
315. Hey SP, Weijer C, **Taljaard M**, Kesselheim AS. Research Ethics for Emerging Trial Designs: Does Equipoise Need to Adapt? *BMJ* 2018; 360: k226. (Impact factor: 23.259)
316. McRae A; Perry JJ; Brehaut C; Brown E; Curran J; Emond M; Hohl C; **Taljaard M**; Stiell IG. Engaging emergency clinicians in emergency department clinical research. *CJEM* 2018; 20(3): 443-447. (Impact factor: 1.481)
317. Hemming K, **Taljaard M**, Forbes A. Modeling clustering and treatment effect heterogeneity in parallel and stepped-wedge cluster randomised trials. *Statistics in Medicine* 2018; 37(6):883-898. (Impact factor: 1.932)
318. Stiell IG, Perry JJ, Brehaut J, Brown E, Curran J, Emond M, Hohl C, **Taljaard M**, McRae A. How to conduct implementation trials and multicentre studies in the emergency department. *CJEM* 2018; 20(3): 448-452. (Impact factor: 1.481)
319. Rash JA, Poulin P, Shergill Y, Romanow H, Freeman J, **Taljaard M**, Hebert G, Stiell IG, Smyth C. Chronic Pain in the Emergency Department: A Pilot Interdisciplinary Program Demonstrates Improvements in Disability, Psychosocial Function, and Healthcare Utilization. *Pain Research and Management*; 2018; Article ID 1875967, 10 pages. doi:10.1155/2018/1875967 (Impact factor: 1.270)
320. Gould D, Moralejo D, Drey N, Chudleigh J, **Taljaard M**. Interventions to improve hand hygiene compliance in patient care: reflections on three systematic reviews for the Cochrane Collaboration 2007-2017. *Journal of Infection Prevention* 2018;19(3) 108–113. (Impact factor: n/a)
321. Fernando SM\*, Tran A\*, **Taljaard M**, Cheng W, Rochweg B, Seely AJE, Perry JJ. Prognostic Accuracy of the Quick Sequential Organ Failure Assessment (qSOFA) for Mortality in Patients with Suspected Infection – A Systematic Review and Meta-Analysis. *Annals of Internal Medicine* 2018; 168(4): 266-275. (Impact factor: 19.384)
322. Tran A\*, Matar M, Lampron J, Steyerberg E, **Taljaard M**, Vaillancourt C. Early Identification of Patients Requiring Massive Transfusion, Embolization or Hemostatic Surgery for Traumatic Hemorrhage: A Systematic Review and Meta-Analysis. *Journal of Trauma and Acute Care Surgery* 2018; 84(3): 505-516. (Impact factor: 3.695)
323. Vaissou G; Witteman HO; Bouck Z; Bravo CA; Desveaux L; Llovet D; Presseau J; Saragosa M; **Taljaard M**; Umar S; Grimshaw J; Tinmouth J; Ivers NM. Testing Behaviour Change Techniques to encourage primary care physicians to access cancer screening audit and feedback reports: Protocol for a factorial randomized experiment of email content. *JMIR Research Protocols*. 2018; 7(2): e11. (Impact factor: na)
324. Weiss D, Dunn S, Sprague AE, Fell DB, Grimshaw JM, Darling E, Graham ID, Harrold J, Smith GN, Peterson WE, Reszel J, Lanes A, Walker M, **Taljaard M**. Effect of a

population-level performance dashboard intervention on maternal-newborn outcomes: an interrupted time series study. *BMJ Quality and Safety* 2018 27(6): 425-436. (Impact factor: 3.988)

325. Weijer C, Goldstein C, **Taljaard M**. TwiC or Treat? Are Trials within Cohorts Ethically Defensible? *Clinical Trials*. 2018; 15(1): 21-24. (Impact factor: 2.715)
326. Gravenstein S, Davidson HE, Han LF, Ogarek JA, Dahal R, Gozalo PL, **Taljaard M**, Mor V. 2017. Feasibility of a Cluster-Randomized Influenza Vaccination Trial in U.S. Nursing Homes: Lessons Learned. *Human Vaccines & Immunotherapeutics*, 2018; 14(3): 736-743. (Impact factor: 3.643)
327. Kadhim-Saleh A\*, Worrall JC, **Taljaard M**, Gatien M, Perry J. Self-Awareness of Computed Tomography Ordering in the Emergency Department. *CJEM* 2018; 20(2): 275-283. (Impact factor: 1.106)
328. Curran JA, Murphy A, Burns E, Plint A, **Taljaard M**, MacPhee S, Fitzpatrick E, Bishop A, Chorney J, Bourque M. Essential Content for Discharge Instructions in Pediatric Emergency Care: A Delphi Study. *Pediatr Emerg Care*. 2018; 34(5): 339-343. (Impact factor: 1.034)
329. Horn AR, Weijer C, Grimshaw J, Brehaut J, Fergusson D, Goldstein CE, **Taljaard M**. An Ethical Analysis of the SUPPORT Trial: Addressing challenges posed by a pragmatic comparative effectiveness randomized controlled trial. *Kennedy Institute of Ethics Journal* 2018; 28( 1): 85–117. (Impact factor: 1.333).
330. Boland L, **Taljaard M**, Dervin G, Trenaman L, Tugwell P, Pomey M, Stacey D. Effect of patient decision aids was influenced by pre-surgical evaluation for patients with osteoarthritis of the knee. *Canadian Journal of Surgery*. 2018; 60(6): 3316. (Impact factor: 1.924)

## 2017

331. Rogers Van Katwyk S\*, Grimshaw JM, Mendelson M, **Taljaard M**, Hoffman SJ. Government policy interventions to reduce human antimicrobial use: protocol for a systematic review and meta-analysis. *Systematic Reviews* 2017; 6(1): 256. (Impact factor: 1.441)
332. Li A, Garg A, Prakash V, Grimshaw J, **Taljaard M**, Mitchell J, Matti D, Linklater S, Naylor K, Dixon S, Faulds C, Bevan R, Getchell L, Knoll G, Kim J, Sontrop J, Bjerre L, Tong A, Presseau J. Promoting deceased organ and tissue donation registration in family physician waiting rooms (RegisterNow-1 Trial): Study Protocol for a pragmatic stepped-wedge cluster randomized controlled registry trial. *Trials* 2017; 18:610. (Impact factor: 1.969)
333. Potter B; Hutton B; Clifford TJ; Pallone N; Smith M; Stockler S; Chakraborty P; Barbeau P; Garritty C; Pugliese M; Rahman A; Skidmore B; Tessier L; Tingley K; Coyle D; Greenberg CR; Korngut L; MacKenzie A; Mitchell JJ; Nicholls S; Offringa M; Schulze A; **Taljaard M**. Establishing Core Outcome Sets for Phenylketonuria (PKU) and Medium-Chain Acyl-CoA Dehydrogenase (MCAD) Deficiency in Children: Study Protocol for Systematic Reviews and Delphi Surveys. *Trials* 2017 Dec 19;18(1):603. doi: 10.1186/s13063-017-2327-3. (Impact factor: 1.969)
334. Miller J; Barber D; Donnelly D; French S; Green M; Hill J; Norman K; MacDermid J; Marsh J; **Taljaard M**; Wideman T; Cooper L; McPhee C; Richardson J. Determining the

- impact of a new physiotherapist led primary care model for back pain – Protocol for a pilot cluster randomized controlled trial. *Trials* 2017; 18(1): 526. (Impact factor: 1.969).
335. Sood MM\*, Akbari A, Manual D, Ruzicka M, Hiremath S, Zimmerman D, McCormick B, **Taljaard M**. Longitudinal Blood Pressure in Late-Stage Chronic Kidney Disease and the Risk of End-Stage Kidney Disease or Mortality (Best Blood Pressure in Chronic Kidney Disease Study). *Hypertension* 2017; 70(6), 1210-1218 (Impact factor: 6.857)
336. Tran A\*, Matar M, Lampron J, Steyerberg E, Vaillancourt C, **Taljaard M**. Outcome variation among Canadian trauma centres: toward a clinical prediction rule for standardizing approaches to clinical assessment of hemorrhage. *Can J Surg* 2017, 60(5). (Impact factor: 1.924)
337. Welch VA, Norheim OF, Jull J, Cookson R, Sommerfelt H, Tugwell P AND the CONSORT-Equity and Boston Equity Symposium participants: Armstrong R, Asada Y, Bærøe K, Baird S, Bhutta ZA, Boyer Y, Cuervo LG, Edwards S, Gough D, Greer-Smith R, Grimshaw JM, Johansson KA, Kisia CN, Kristjansson E, Loder E Lyddiatt A, Mbuagbaw L, McGowan J, Moher D, Pantoja T, Petkovic J, Petticrew M, Pottie K, Robberstad B, Shea B, **Taljaard M**, Verguet S, Volmink J, Weijer C, Wells GA, Wester G, White H, Whitehead M, Yoganathan M. Reporting of health equity in randomised trials: CONSORT-Equity 2017 extension and elaboration. *BMJ*. 2017 359:j5085. (Impact factor: 20.785)
338. Fisher S\*, Hsu A, Mojaverian N, **Taljaard M**, Huyer G, Manuel DG, Tanuseputro P. Dementia Population Risk Tool (DemPoRT): Study Protocol for a Predictive Algorithm Assessing Dementia Risk in the Community. *BMJ Open* 2017; 7(10) (Impact factor: 2.369)
339. Ivers NM, Desveaux L, Pesseau J, Reis C, Wittelman HO, **Taljaard M**, McCleary N, Thavorn K, Grimshaw JM. Testing feedback message framing and comparators to address prescribing of high-risk medications in nursing homes: protocol for a pragmatic, factorial, cluster-randomized trial. *Implement Sci*. 2017 Jul 14;12(1):86. doi: 10.1186/s13012-017-0615-7. (Impact factor: 3.354)
340. Gould DJ, Moralejo D, Drey N, Chudleigh JH, **Taljaard M**. Interventions to improve hand hygiene compliance in patient care. *Cochrane Database of Systematic Reviews* 2017, Issue 8. Art. No.: CD005186.DOI: 10.1002/14651858.CD005186.pub4. (Impact factor: 6.264)
341. Bhatt M, Johnson DW, Chan J, **Taljaard M**, Barrowman N, Farion KJ, Ali S, Beno S, Dixon A, McTimoney M, Dubrovsky S, Sourial N, Roback MG, for the Sedation Safety Study Group of Pediatric Emergency Research Canada (PERC). Risk Factors for Adverse Events in Emergency Department Procedural Sedation for Children. *JAMA Pediatr*. 2017; 171(10): 957-964. (Impact factor: 10.251)
342. Thiruganasambandamoorthy V, Stiell IG, Sivilotti MLA, Rowe BH, Mukarram M, Arcot K, Kwong K\*, McRae AD, Wells GA, **Taljaard M**. Predicting Short-Term Risk of Arrhythmia among Patients with Syncope: The Canadian Syncope Arrhythmia Risk Score. *Academic Emergency Medicine*. 2017; 24(11):1315-1326. (Impact factor: 2.925)
343. Jull J, Whitehead M, Petticrew M, Kristjansson E, Gough D, Petkovic J, Volmink J, Weijer C, **Taljaard M**, Edwards S, Mbuagbaw L, Cookson R, McGowan J, Lydiatt A, Boyer Y, Cuervo LG, Armstrong R, White H, Yoganathan M, Pantoja T, Shea B, Pottie K, Norheim O, Baird S, Robberstad B, Sommerfelt H, Asada Y, Wells G, Tugwell P, Welch V. When is a randomized controlled trial health equity-relevant? Development and validation of a conceptual framework. *BMJ Open* 2017; 7(9):e015815. (Impact factor: 2.369)

344. Nathan HJ, Poulin P, Smyth C, Wozny D, **Taljaard M**, Gilron I, Sorisky A, Gautam R\*, Lochnan H. Randomized Trial of the Effect of Mindfulness Based Stress Reduction for Painful Diabetic Peripheral Neuropathy. *Clinical Diabetes* 2017; 35(5): 294-304. (Impact factor: n/a)
345. Dickson C\*, **Taljaard M**, Friedman DS, Metz G, Wong T, Grimshaw JM. The antibiotic management of gonorrhoea in Ontario, Canada following multiple changes in guidelines: An interrupted time series analysis. *Sexually Transmitted Infections* 2017 Dec;93(8):561-565. (Impact factor: 3.212)
346. Tsampalieros A\*, Knoll GA, Fergusson N, Bennett A, **Taljaard M**, Fergusson D. Center Variation and the Effect of Center and Provider Characteristics on Clinical Outcomes in Kidney Transplantation: A Systematic Review of the Evidence. *Canadian Journal of Kidney Health and Disease*. 2017; 4: 2054358117735523. (Impact factor: n/a).
347. Ooi T, Krysa JA, Chaker S, Abujrad H, Mayne J, Henry K, Cousins M, Raymond A, Favreau C, **Taljaard M**, Chrétien M, Mbikay M, Proctor SD, Vine DF. The Effect of PCSK9 Loss-of-Function Variants on the Postprandial Lipid and ApoB-Lipoprotein Response. *The Journal of Clinical Endocrinology & Metabolism* 2017; 102(9):3452-3460. (Impact factor: 5.455)
348. Ivers N, Schwalm J-D, Witteman HO, Presseau J, **Taljaard M**, McCready T, Bosiak B, Cunningham J, Smarz S, Desveaux L, Tu JV, Atzema C, Oakes G, Isaranuwatchai W, Grace SL, Bhatia RS, Natarajan M, Grimshaw JM. Interventions Supporting Long-term Adherence and Decreasing cardiovascular events (ISLAND): Pragmatic randomized trial protocol. *Am Heart J* 2017;190:64-75. (Impact factor: 4.436)
349. Hemming K, Eldridge S, Forbes G, C Weijer, **Taljaard M**. How to design efficient cluster randomised trials. *BMJ* 2017; Jul 14: 358:j3064. (Impact factor: 20.785)
350. Trenaman L; Stacey D, Bryan S, **Taljaard M**, Hawker G, Dervin G, Tugwell P, Bansback N. Decision aids for patients considering total joint replacement: A cost-effectiveness analysis alongside a randomised controlled trial. *Osteoarthritis and Cartilage*. 2017; 25(10):1615-1622. (Impact factor: 4.742)
351. Gravenstein S, Davidson HE, **Taljaard M**, Ogarek J, Gozalo P, Han L, Mor V. Comparative effectiveness of high-dose versus standard-dose influenza vaccination on numbers of US nursing home residents admitted to hospital: a cluster-randomised trial. *The Lancet Respiratory Medicine* 2017; 5(9):738-746. (Impact factor: 15.328)
352. Mbuagbaw L, Aves T, Shea B, Jull J, Welch V, **Taljaard M**, Yoganathan M; Greer-Smith R, Wells G, Tugwell P. Considerations and guidance in designing equity-relevant clinical trials. *International Journal for Equity in Health* 2017; 16(1): 93. (Impact factor: 1.738)
353. Tran A\*, Matar M, Steyerberg EW, Lampron J, **Taljaard M**, Vaillancourt C. Early Identification of Patients Requiring Massive Transfusion, Embolization or Hemostatic Surgery for Traumatic Hemorrhage: A Systematic Review Protocol. *Systematic Review* 2017; 6(1):80. (Impact factor: n/a)
354. **Taljaard M**, Hemming K, Shah L, Giraudeau B, Grimshaw JM, Weijer C. Inadequacy of ethical conduct and reporting of stepped wedge cluster randomized trials: results from a systematic review. *Clinical Trials* 2017; 14(4):333-341. (Impact factor: 2.715)
355. Kobewka DM, van Walraven C, **Taljaard M**, Ronksley P, Forster A. The Prevalence of Potentially Preventable Deaths in an Acute Care Hospital, a Retrospective Cohort. *Medicine* 2017; 96(8):e6162. (Impact factor: 1.803)

356. Hemming K, **Taljaard M**, Forbes A. Analysis of cluster randomised stepped wedge trials with repeated cross-sectional samples. *Trials* 2017;18(1):101. (Impact factor: 1.969)
357. Sood MM\*, Akbari A, Manual D, Ruzicka M, Hiremath S, Zimmerman D, McCormick B, **Taljaard M**. Time-varying association of individual blood pressure components with estimated glomerular filtration rate in late stage chronic kidney disease. *Clinical Journal of the American Society of Nephrology* 2017; 12(6):904-911. (Impact factor: 4.780)
358. Fabian JC\*, **Taljaard M**, Perry JJ. A retrospective cohort study examining treatments and operative interventions for frostbite in a tertiary care hospital. *Canadian Journal of Emergency Medicine CJEM* 2017;19(2):88-95. (Impact factor: 1.311)
359. Li G, **Taljaard M**, van den Heuvel ER, Levine MAH, Cook DJ, Wells GA, Devereaux PJ, Thabane L. An introduction to multiplicity issues in clinical trials: the what, why, when and how. *International Journal of Epidemiology* 2017 46(2):746-755. (Impact factor: 7.738)
360. McColl T\*, Gatien M, Calder L, Yadav K, Tam R, Ong M, **Taljaard M**, Stiell I. Implementation of an Emergency Department Sepsis Bundle and System Redesign: A Process Improvement Initiative. *CJEM* 2017; 19(2):112-121. (Impact factor: 1.311)
361. Seely JM, Verma R, Smyth K, Hack K, Kielar A, **Taljaard M**, Gravel D, Ellison E. Benign Papillomas of the Breast Diagnosed on Large-Gauge Vacuum Biopsy compared with 14 Gauge Core Needle Biopsy – Do they require surgical excision? *Breast Journal* 2017; 23(2): 146-153. (Impact factor: 2.297)

## 2016

362. Wilding L, Abdulaziz K\*, Brehaut J, **Taljaard M**, Emond M, Sirois M-J, & Perry J. Geriatric Emergency Management nurse's views on prediction and management of functional decline in older adults after a minor trauma. *Perspectives* 2016; 39(1), 15-22. (Impact factor: n/a)
363. McIsaac DI, **Taljaard M**, Bryson GL, Beaulé PE, Gagne S, Hamilton G, Hladkovicz E, Huang A, Joannisse J, Lavallée LT, Moloo H, Thavorn K, van Walraven C, Yang H, Forster AJ. Comparative assessment of two frailty instruments for risk-stratification in elderly surgical patients: study protocol for a prospective cohort study. *BMC Anesthesiology* 2016; 16:111. (Impact factor: 1.320)
364. Hsu AT, Manuel DG, **Taljaard M**, Chalifoux M, Bennett C, Costa A, Bronskill S, Kobewka D, Tanuseputro P..An algorithm for predicting death among older adults in the home care setting: Study protocol for the Risk Evaluation for Support: Predictions for Elder-life in the Community Tool (RESPECT). *BMJ Open* 2016;6:e013666 doi:10.1136/bmjopen-2016-013666. (Impact factor: 2.562)
365. Légaré F, Brière N, Stacey D, Lacroix G, Desroches S, Dumont S, Fraser K, Rivest L, Durand PJ, Turcotte S, **Taljaard M**, Bourassa H, Roy L, Guerard GP. Implementing shared decision making in interprofessional home care teams (the IPSDM-SW study): protocol for a stepped wedge cluster randomized trial. *BMJ Open* 2016;6(11) :e014023 doi:10.1136/bmjopen-2016-014023. (Impact factor: 2.562)
366. Poulin P, Nelli J, Tremblay S, Small R, Caluyong MB, Freeman J, Romanow H, Stokes Y, Carpino T, Carson A, Shergill Y, Stiell IG, **Taljaard M**, Nathan H, Smyth CE. Chronic Pain in the Emergency Department: A Pilot Mixed-Method Cross-Sectional Study Examining Patient Characteristics and Reasons for Presentations. *Pain Research and*

- Management 2016; Article ID 3092391, 10 pages. doi:10.1155/2016/3092391. (Impact factor: 1.685)
367. Abdulaziz K\*, Brehaut J, **Taljaard M**, Emond M, Sirois M-J, Lee JS, Wilding L, Perry JJ. National Survey of Family Physicians to Define Functional Decline in Elderly Patients with Minor Trauma. *BMC Family Practice* 2016; 17:117. DOI: 10.1186/s12875-016-0520-1. (Impact factor: 1.641)
368. Deri Armstrong C, **Taljaard M**, Hogg W, Mark AE, Liddy C. Practice facilitation for improving cardiovascular care: secondary evaluation of a stepped wedge cluster randomized controlled trial using population-based administrative data. *Trials* 2016; 17:434. (Impact factor: 1.859)
369. Wood B\*; Rogers Van Katwyk S\*; El-Khatib Z; McFaul S; **Taljaard M**; Wright E; Graham ID; Little J. Eliciting women's cervical screening preferences: A mixed methods systematic review protocol. *Systematic Reviews* 2016; 5:136. doi: 10.1186/s13643-016-0310-9. (Impact factor: 2.75)
370. Roth VR, Longpre T\*, Coyle D, Suh KN, **Taljaard M**, Muldoon KA, Ramotar K, Forster A. Cost analysis of universal screening vs. risk factor-based screening for methicillin-resistant *Staphylococcus aureus* (MRSA). *Plos One* 2016 Jul 27;11(7):e0159667. doi: 10.1371/journal.pone.0159667. eCollection 2016. (Impact factor: 3.234)
371. Cook OG\*, Mukarram MA, Rahman OM, Kim S, Arcot K, Thavorn K, **Taljaard M**, Sivilotti MLA, Rowe BH, Thiruganasambandamoorthy V. Reasons for Hospitalization among Emergency Department Patients with Syncope. *Academic Emergency Medicine* 2016;23(11):1210–1217. (Impact factor: 2.5)
372. Manuel DG, Perez R\*, Sanmartin C, **Taljaard M**, Hennessy, D, Wilson K, Tanuseputro P, Manson H, Bennett C, Tuna M, Fisher S\*, & Rosella LC. Measuring burden of unhealthy behaviours using a multivariable predictive approach: Life expectancy lost in Canada attributable to smoking, alcohol, physical inactivity, and diet. *PLOS Medicine*, 2016; 13(8): e1002082. (Impact factor: 14.429)
373. Stacey D; **Taljaard M**; Smylie J; Boland L; Breau RH; Carley M; Jana K; Peckford L; Blackmore T; Waldie M; Wu RC; Legare F. Implementation of a patient decision aid for men with localized prostate cancer: Evaluation of patient outcomes and practice variation. *Study Protocol. Implementation Science*. 2016, 11:87, doi: 10.1186/s13012-016-0451-1. (Impact factor: 3.201)
374. Dunn S, Sprague AE, Grimshaw JM, Graham ID, **Taljaard M**, Fell D, Peterson WE, Darling E, Harrold J, Smith GN, Reszel J, Lanes A, Truskoski C, Wilding J, Weiss D, Walker M. A Mixed Methods Evaluation of the Maternal Newborn Dashboard in Ontario: Dashboard Attributes, Contextual Factors & Facilitators and Barriers to Use: A Study Protocol. *Implementation Science*. 2016, 11:59, DOI: 10.1186/s13012-016-0427-1. (Impact factor: 3.201)
375. Desveaux L, Gomes T, Tadrous M, Jeffs L, **Taljaard M**, Rogers J, Bell C, Ivers N. Appropriate prescribing in nursing homes demonstration project (APDP) study protocol: pragmatic, cluster-randomized trial and mixed methods process evaluation of an Ontario policy-maker initiative to improve appropriate prescribing of antipsychotics. *Implementation Science* 2016; 11:45. DOI: 10.1186/s13012-016-0410-x. (Impact factor: 3.201)
376. Parra-Herran C, **Taljaard M**, Djordjevic B, Reyes MC, Schwartz L, Schoolmeester JK, Lastra RR, Quick CM, Laury A, Rasty G, Nucci MR, Howitt BE. Pattern Based Classification of Invasive Endocervical Adenocarcinoma, Depth of Invasion Measurement

- and Distinction from Adenocarcinoma In Situ: Interobserver Variation among Gynecologic Pathologists. *Modern Pathology*. 2016 29(8):879-892. (Impact factor: 5.485)
377. Thiruganasambandamoorthy V; Kwong K\*; Wells GA; Sivilotti MLA; Mukarram M; 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. *Canadian Medical Association Journal* 2016; 188(12): E289-299. (Impact factor: 6.0)
378. Koszycki D, Thake J, Mavounza C, Daoust J, **Taljaard M**, Bradwejn J. Preliminary investigation of a mindfulness-based intervention for social anxiety disorder that integrates compassion meditation and mindful exposure. *Journal of Alternative and Complementary Medicine*. 2016 May; 22(5):363-374. doi: 10.1089/acm.2015.0108. (Impact factor: 1.395)
379. **Taljaard M**, Teerenstra S, Ivers N, Fergusson D. Substantial risks associated with few clusters in cluster randomized and stepped wedge designs. *Clinical Trials*. 2016; 13(4) 459–463. doi: 10.1177/1740774516634316. (Impact factor: 1.858),
380. Hemming K, **Taljaard M**. Sample size calculations for stepped wedge and cluster randomised trials: a unified approach. *J Clin Epidemiol* 2016;69, 137-146 (Impact factor: 5.898)
381. Gravenstein S, Dahal R, Gozalo PL, Davidson HE, Han LF, **Taljaard M**, Mor V. A cluster randomized controlled trial comparing relative effectiveness of two licensed influenza vaccines in U.S. nursing homes: Design and rationale. *Clinical Trials*. 2016 Jun; 13(3):264-274. doi: 10.1177/1740774515625976. (Impact factor: 1.858)
382. Martin J, **Taljaard M**, Girling A, Hemming K. A systematic review finds major deficiencies in sample size methodology and reporting for stepped wedge cluster randomised trials. *BMJ Open* 2016 Feb 4;6(2):e010166. doi: 10.1136/bmjopen-2015-010166. (Impact factor: 2.562)
383. McRae A, **Taljaard M**, Weijer C. Cluster Randomized Trials: A Closer Look. *Clinical Trials*. 2016 Jun;13(3):294-300. doi: 10.1177/1740774516629405. (Impact factor: 1.858)
384. Liu S\*, Vaillancourt C, Kasaboski A, **Taljaard M**. Comparison of Bystander Fatigue and CPR Quality when Older Bystanders Use Continuous Chest Compressions Versus 30:2 Compressions to Ventilations: A Randomized Cross-over Trial. *Canadian Journal of Emergency Medicine* 2016;18(6):461-468
385. Sanaee L\*, **Taljaard M**, Karnauchow T, Perry JJ. Clinical and Laboratory Findings that Differentiate Herpes Simplex Virus from Enteroviral Meningitis. *Canadian J of Infectious Diseases & Medical Microbiology*. Volume 2016 (2016), Article ID 3463909, 8 pages. <http://dx.doi.org/10.1155/2016/3463909> (Impact factor: 0.991)
386. Plint AC, **Taljaard M**, McGahern C, Scott SD, Grimshaw JM, Klassen TP, Johnson DW, for Pediatric Emergency Research Canada (PERC). Management of bronchiolitis in community hospitals in Ontario: a multicentre cohort study. *Canadian Journal of Emergency Medicine* 2016; 18(6): 443-452. (Impact Factor: 1.106)
387. Stacey D, **Taljaard M**, Dervin G, Tugwell P, O'Connor AM, Pomey M, Boland L\*, Beach S, Meltzer D, Hawker G. Impact of patient decision aids on appropriate and timely access to hip or knee arthroplasty for osteoarthritis: A randomized controlled trial. *Osteoarthritis Cartilage* 2016 Jan;24(1):99-107. doi: 10.1016/j.joca.2015.07.024. Epub 2015 Aug 4. (Impact factor: 4.692)



388. Abdulaziz K\*, Perry JJ, **Taljaard M**, Emond M, Sirois M-J, Lee JS, Wilding L, Brehaut J. National Survey of Geriatricians to Define Functional Decline in Elderly Patients with Minor Trauma. *Canadian Geriatrics Journal* 2016 Mar 31;19(1):2-8. doi: 10.5770/cgj.19.192.
389. Roth VR, Longpre T\*, **Taljaard M**, Coyle D, Suh KN, Muldoon KA, Ramotar K, Forster A. Universal vs Risk Factor Screening for Methicillin-Resistant *Staphylococcus aureus* in a Large Multicenter Tertiary Care Facility in Canada. *Infection Control & Hospital Epidemiology* 2016; 37(1): 41-48. Epub 2015 Oct. 16. (Impact factor: 3.669)
390. Sampsel K, Godbout J, Leach T, **Taljaard M**, Calder L. Characteristics Associated with Sexual Assaults at Mass Gatherings. *Emergency Medicine Journal* 2016. Feb 33(2): 139-43. Epub 2015 Aug 27. (Impact factor: 1.836)

## 2015

391. Corrales-Medina VF, **Taljaard M**, Yende S, Kronmal R, Dwivedi G, Newman AB, Elkind MS, Lyles MF, Chirinos JA. Intermediate and Long-Term Risk of New-Onset Heart Failure after Hospitalization for Pneumonia in Elderly Adults. *American Heart Journal* 2015 Aug;170(2):306-12. doi: 10.1016/j.ahj.2015.04.028. Epub 2015 May 2. (Impact factor: 4.463)
392. LeBlanc CM, Ma J, **Taljaard M**, Roth J, Scuccimarri R, Miettunen P, Lang B, Huber AM, Houghton K, Jaremko JL, Ho J, Shenouda N, Matzinger MA, Lentle B, Stein R, Sbrocchi AM, Oen K, Rodd C, Jurencak R, Cummings E, Couch R, Cabral DA, Atkinson S, Alos N, Rauch F, Siminoski K, Ward LM; Canadian STOPP Consortium. Incident vertebral fractures and risk factors in the first three years following glucocorticoid initiation among pediatric patients with rheumatic disorders. *J Bone Miner Res.* 2015; 30(9): 1667-75. Epub 2015 May 26. (Impact factor: 6.832)
393. Abdulaziz K\*, Brehaut JC, **Taljaard M**, Émond M, Sirois M, Lee JS, Wilding L, Perry JJ. National Survey of Emergency Physicians to Define Functional Decline in Elderly Patients with Minor Trauma. *Canadian Journal of Emergency Medicine* 2015;1-9. DOI: <http://dx.doi.org/10.1017/cem.2015.37> (Impact factor: 1.163)
394. Schwalm JD\*, Ivers NM, Natarajan MK, **Taljaard M**, Rao-Melacini P, Witteman HO, Zwarenstein M, Grimshaw JM. Cluster randomized controlled trial of Delayed Educational Reminders for Long-term Medication Adherence in ST-Elevation Myocardial Infarction (DERLA-STEMI). *Am Heart J.* 2015 Nov;170(5):903-13. doi: 10.1016/j.ahj.2015.08.014. Epub 2015 Aug 20. (Impact factor: 4.463)
395. Liddy C, Hogg W, Singh J, **Taljaard M**, Russell G, Deri Armstrong C, Akbari A, Dahrouge S, Grimshaw JM. A real-world stepped wedge cluster randomized trial of practice facilitation to improve cardiovascular care. *Implementation Science* 2015, 10:150 doi:10.1186/s13012-015-0341-y. (Impact factor: 4.12)
396. Welch V, Jull J, Petkovic J, Armstrong R, Gough D, Grimshaw J, Kristjansson E, McGowan J, Moher D, Pantoja T, Petticrew M, Pottie K, Rader T, Shea, B, **Taljaard M**, Waters E, Weijer C, Wells GA, White H, Tugwell P. Protocol for the development of a CONSORT-Equity guideline to improve reporting of health equity in randomized trials. *Implementation Science* 2015 Oct 21;10:146. doi: 10.1186/s13012-015-0332-z. (Impact factor: 4.12)

397. **Taljaard M**, Chaudhry SH\*, Brehaut JC, Weijer C, Grimshaw JM. Mail merge can be used to create personalized questionnaires in complex surveys. *BMC Res Notes* 2015; 8:574 DOI 10.1186/s13104-015-1570-5
398. Wilson JLC\*, Poulin P, Sikorski R, Nathan HJ, **Taljaard M**, Smyth C. Opioid use among same-day surgery patients: Prevalence, management and outcomes. *Pain Research & Management* 2015 Nov-Dec;20(6):300-4. Epub 2015 Sep 10. (Impact factor: 1.518)
399. Kendall CE\*, Manuel DG, Younger J, Hogg W, Glazier RH, **Taljaard M**. A population-based study evaluating the impact of family physician HIV experience on the delivery of care for people living with HIV in Ontario. *Annals of Family Medicine* 2015 Sep;13(5):436-45. doi: 10.1370/afm.1822. (Impact factor: 5.434)
400. Kendall CE\*, **Taljaard M**, Younger J, Hogg W, Glazier RH, Manuel DG. A population-based study comparing patterns of care delivery on the quality of care for persons living with HIV in Ontario. *BMJ Open* 2015;5:e007428 doi:10.1136/bmjopen-2014-007428. (Impact factor: 2.063).
401. Ooi TC, Raymond A, Cousins M, Favreau C, **Taljaard M**, Gavin C, Jolly E, Malone S, Eapen L, Chretien M, Mbikay M, Mayne J. Relationship Between Testosterone, Estradiol and Circulating PCSK9: Cross-sectional and Interventional Studies in Humans. *Clinica Chimica Acta* 2015 Jun 15;446:97-104. doi: 10.1016/j.cca.2015.03.036. Epub 2015 Apr 7. (Impact factor: 2.82)
402. Thiruganasambandamoorthy V, **Taljaard M**, Stiell IG, Sivilotti MLA, Murray H, Vaidyanathan A, Rowe BH, Calder LA, Lang E, McRae A, Sheldon R, Wells GA. Emergency Department Management of Syncope – Need for Standardization and Improved Risk-Stratification. *Internal and Emergency Medicine* 2015 Aug;10(5):619-27. doi: 10.1007/s11739-015-1237-1. Epub 2015 Apr 28. (Impact factor: 2.401)
403. Thiruganasambandamoorthy V, Kwong K\*, Stiell IG, Swampillai J, Toarta C, Sumner GL, Kuriachan VP, Mukarram M, **Taljaard M**, Hazra S, Wells GA, Sheldon R. Short-Term Risk of Arrhythmias among Emergency Department Syncope Patients with Non-Sinus Rhythm. *International Journal of Cardiology* 2015 Jun 15;189:12-4. doi: 10.1016/j.ijcard.2015.03.388. Epub 2015 Mar 28. (Impact factor: 6.175)
404. Singh J, Liddy C, Hogg W, **Taljaard M**. Intracluster correlation coefficients for sample size calculations related to cardiovascular disease prevention and management in primary care practices. *BMC Research Notes* 2015, 8:89
405. Kendall CE\*, Younger J, Manuel DG, Hogg W, Glazier RH, **Taljaard M**. Health administrative data can be used to define a shared care typology for people with HIV. *Journal of Clinical Epidemiology*. 2015 Nov;68(11):1301-11. doi: 10.1016/j.jclinepi.2015.02.008. Epub 2015 Feb 21. (Impact factor: 5.898)
406. Kendall CE\*, Wong J, **Taljaard M**, Glazier RH, Hogg W, Younger J, Manuel DG. A cross-sectional, population-based study of HIV physicians and outpatient health care use by people with HIV in Ontario. *BMC Health Services Research* 2015, 15:63 doi:10.1186/s12913-015-0723-5. (Impact factor: 1.71)
407. Abdulaziz K\*, Brehaut J, **Taljaard M**, Emond M, Sirois M-J, Lee JS, Wilding L, Perry JJ. National survey of physicians to determine the effect of unconditional incentives on response rates of physician postal surveys. *BMJ Open* 2015;5:2 e007166. (Impact factor: 2.063)
408. Wright N, Ivers N, Eldridge S, **Taljaard M**, Bremner S. A review of the use of covariates in cluster randomised trials uncovers marked discrepancies between guidance and

practice. *Journal of Clinical Epidemiology* 2015 Jun;68(6):603-9. doi: 10.1016/j.jclinepi.2014.12.006. Epub 2014 Dec 30 (Impact factor: 5.898)

409. Rutterford C, **Taljaard M**, Dixon S, Copas A, Eldridge S. Reporting and methodological quality of sample size calculations in cluster randomised trials could be improved: A review. *Journal of Clinical Epidemiology* 2015; 68(6): 716-23. Epub 2014 Dec. 15. (Impact factor: 4.703)
410. Thiruganasambandamoorthy V, Stiell IG, Wells GA, Vaidyanathan A, Mukarram M, **Taljaard M**. Outcomes in Pre-Syncope Patients: A Prospective Cohort Study. *Annals of Emergency Medicine* 2015; 65(3): 268-276. Epub 2014 Aug 30. (Impact factor: 4.695)

## 2014

411. Weijer C, **Taljaard M**, Grimshaw JM, Edwards SJL, Eccles MP, and the Ottawa Ethics of Cluster Randomised Trials Consensus Group. The Ottawa Statement on the ethical design and conduct of cluster randomised trials: a short report. *Research Ethics* 2014;10(2): 77-85
412. **Taljaard M**, Tuna M, Bennett C, Perez R\*, Rosella L, Tu JV, Sanmartin C, Hennessy D, Tanuseputro P, Lebenbaum M, Manuel DG. Cardiovascular Disease Population Risk Tool (CVDPoRT) — predictive algorithm for assessing CVD risk in the community setting: Study protocol. *BMJ Open* 2014;4:e006701. doi:10.1136/bmjopen-2014-006701. (Impact factor: 2.063)
413. Perez R\*, Brehaut JC, **Taljaard M**, Stiell IG, Clement CM, Grimshaw J. Theory of Planned Behaviour can help understand processes underlying the use of two emergency medicine diagnostic imaging rules. *Implementation Science* 2014; 9:88 . (Impact factor: 3.47)
414. Naicker K\*, Liddy C, Singh J, **Taljaard M**, Hogg WE. Quality of cardiovascular disease care in Ontario's primary care practices: a cross sectional study examining differences in guideline adherence by patient sex. *BMC Family Practice* 2014; 15:123 . (Impact factor: 1.74)
415. Squires JE, Grimshaw JM, **Taljaard M**, Linklater S, Chasse M, Shemie SD, Knoll GA. Design, Implementation, and Evaluation of a Knowledge Translation Intervention to Increase Organ Donation after Cardiocirculatory Death in Canada: A Study Protocol. *Implementation Science* 2014; 9:80. (Impact factor: 3.47)
416. **Taljaard M**, McKenzie JE, Ramsay CR, Grimshaw JM. The use of segmented regression in analysing interrupted time series studies: An example in pre-hospital ambulance care. *Implementation Science* 2014; 9:77. (Impact factor: 3.47)
417. Noel-Weiss J, **Taljaard M**, Kujawa-Myles S\*. Breastfeeding and lactation research: Exploring a tool to measure infant feeding patterns. *International Breastfeeding Journal* 2014; 9:5 (Impact factor 1.05)
418. Stacey D, Hawker G, Dervin G, Tugwell P, Boland L, Pomey M, O'Connor AM, **Taljaard M**. Decision aid for patients considering total knee arthroplasty with preference report for surgeons: a pilot randomized controlled trial. *BMC Musculoskeletal Disorders* 2014, 15:54. DOI: 10.1186/1471-2474-15-54. (Impact factor: 1.9)
419. Kendall CE\*, Wong J, **Taljaard M**, Glazier RH, Hogg W, Younger J, Manuel DG. A cross-sectional, population-based study measuring comorbidity among people living with HIV in Ontario. *BMC Public Health* 2014; 14:161. (Impact factor 2.08)

420. Liddy C, Singh J, Kelly R\*, Dahrouge S, **Taljaard M**, Younger J. What is the impact of primary care model type on specialist referral rates? A cross-sectional study. *BMC Family Practice* 2014, 15:22. (Impact factor 1.61).
421. **Taljaard M**, Brehaut JC, Weijer C, Boruch R, Donner A, Eccles MP, McRae AD, Saginur R, Zwarenstein M, Grimshaw JM. Variability in research ethics review of cluster randomized trials: Scenario-based survey in three countries. *Trials* 2014, 15:48. DOI: 10.1186/1745-6215-15-48. (Impact factor 2.21)
422. **Taljaard M**, Grimshaw JMG. Editorial: Concept, characteristics and implications of cluster randomisation. *Clinical Investigation* 2014; 4(1): 1-4.
423. Abujrad H\*, Mayne J, Ruzicka M, Cousins M, Raymond A, Cheesman J, **Taljaard M**, Sorisky A, Burns K, Ooi TC. Chronic Kidney Disease on Hemodialysis is Associated with Decreased Serum PCSK9 Levels Atherosclerosis. *Atherosclerosis* 2014;233(1):123-129. (Impact Factor 3.91)
424. **Taljaard M**, Chaudhry SH\*, Brehaut JC, Weijer C, Boruch R, Donner A, Eccles MP, McRae AD, Saginur R, Zwarenstein M, Grimshaw JM. Survey of consent practices in cluster randomized trials: improvements are needed in ethical conduct and reporting. *Clinical Trials* 2014; 11(1):60 - 69. (Impact factor 2.2)
425. Chiu M, Bryson GL, Lui A, Watters JM, **Taljaard M**, Nathan HJ. Reducing persistent postoperative pain and disability one year after breast cancer surgery: A randomized, controlled trial comparing thoracic paravertebral block to local anesthetic infiltration. *Annals of Surgical Oncology* 2014; 21(3): 795-801. DOI 10.1245/s10434-013-3334-6. (Impact factor 4.12)
426. Corrales-Medina VF, **Taljaard M**, Fine MJ, Dwivedi G, Perry JJ, Musher DM, Chirinos JA. Risk-stratification for cardiac complications in patients hospitalized for community-acquired pneumonia. *Mayo Clinic Proceedings* 2014;89(1):60-68. (Impact factor 5.698)
427. Khadilkar A\*, Whitehead J, **Taljaard M**, Manuel D. Quality of Diabetes Care in the Canadian Forces. *Canadian Journal of Diabetes* 2014; 38(1): 11-16. (Impact Factor: 0.458)

## 2013

428. Malcolm J, Maranger J, **Taljaard M**, Shah B, Tailor C\*, Liddy C, Keely E, Ooi TC. Into the Abyss: Diabetes process of care indicators and outcomes of defaulters from a Canadian tertiary Care Multidisciplinary Diabetes Clinic. *BMC Health Services Research* 2013, 13:303. (Impact factor: 1.77)
429. Majeed H\*, Rodger M, Forgie M, Carrier M, **Taljaard M**, Scarvelis D, Gonsalves C, Rodriguez RA, Wells PS. Effect of 200 µG/day of vitamin k1 on the variability of anticoagulation control in patients on warfarin: A randomized controlled trial. *Thrombosis Research* 2013; doi:10.1016/j.thromres.2013.07.019 (Impact factor: 3.133)
430. Jabbour M, Curran J, Scott SD, Guttman A, Rotter T, Ducharme FM, Lougheed MD, McNaughton-Filion ML, Newton A, Shafir M, Paprica A, Klassen T, **Taljaard M**, Grimshaw J, Johnson DW. Best strategies to implement clinical pathways in an emergency department setting: study protocol for a cluster randomized controlled trial. *Implementation Science* 2013, 8:55. (Impact factor: 2.37)
431. Hickey M\*, Gatién M, **Taljaard M**, Aujnarain A, Giulivi A, Perry JJ. Outcomes of Urgent Warfarin Reversal Using Fresh Frozen Plasma versus Prothrombin Complex

Concentrate in the Emergency Department. *Circulation* 2013;

DOI:10.1161/CIRCULATIONAHA.113.001875. (Impact factor: 14.74)

432. Bryson GL, Clavel NA\*, Moga R\*, Power B, **Taljaard M**, Nathan HJ. Patient function and caregiver burden after ambulatory surgery: a cohort study of patients older than 65. *Canadian Journal of Anesthesia* 2013 Sep;60(9):864-873. Epub 2013 Jun 15. (Impact factor: 2.31.)
433. **Taljaard M**, Weijer C, Grimshaw JM, Eccles MP, the Ottawa Ethics of Cluster Randomised Trials Consensus Group. The Ottawa Statement on the Ethical Design and Conduct of Cluster Randomised Trials: A précis for researchers and research ethics committees. *BMJ* 2013;346:f2838. doi: <http://dx.doi.org/10.1136/bmj.f2838> (Impact factor: 17.215)
434. Ivers NM, Tricco AC, **Taljaard M**, Halperin I, Turner L, Moher D, Grimshaw JM. Quality improvement needed in quality improvement randomised trials: systematic review of interventions to improve care in diabetes. *BMJ Open* 2013;3:e002727. doi:10.1136/bmjopen-2013-002727. (Impact factor: 1.583)
435. Mayo-Bruinsma L\*, Hogg W, **Taljaard M**, Dahrouge S. Family-centered care delivery: Comparing models of primary care services delivery in Ontario. *Canadian Family Physician* 2013; 59(11):1202-1210 (Impact factor: 1.403)
436. McRae A\*, Bennett C, Weijer C, Brehaut J, Brown JB, Donner A, Eccles MP, Grimshaw JM, Zwarenstein M, Chaudhry S\*, **Taljaard M**. Researchers' perceptions of ethical challenges in cluster randomized trials: A qualitative analysis. *Trials* 2013, 14:1 doi:10.1186/1745-6215-14-1. (Impact factor 2.50)
437. Chaudhry SH\*, Brehaut JC, Grimshaw JM, Weijer C, Boruch R, Donner A, Eccles MP, McRae AD, Saginur R, Skea ZA, Zwarenstein M, **Taljaard M**. Challenges in the research ethics review of cluster randomized trials: International survey of investigators. *Clinical Trials* 2013;10(2):257 - 268. (Impact factor: 2.362)
438. Maranger J, Malcolm J, Liddy C, Izzi S, Brez S, Cook K, Gendron D, **Taljaard M**, Reid R, Keely E, Ooi TC. Facilitating Specialist to Primary Care Transfer with Tools For Transition: A Quality of Care Improvement Initiative for Patients with Type 2 Diabetes. *Healthcare Quarterly* 2013;16(1):47-52
439. McRae AD\*, Bennett C, Skea Z, Boruch R, Brehaut JC, Donner A, Eccles MP, Grimshaw JM, Weijer C, **Taljaard M**. Reporting of patient consent in healthcare cluster randomized trials is associated with the type of study interventions and publication characteristics. *Journal of Medical Ethics* 2013; 39(2): 119-124. (Impact factor: 1.363)
440. Wong J\*, **Taljaard M**, Forster AJ, Escobar GJ, van Walraven C. Addition of time-dependent covariates to a survival model significantly improved predictions for daily risk of hospital death. *J Eval Clin Pract.* 2013; 19(2): 351-357 (Impact factor 1.229)
441. Carter MA\*, Dubois L, Tremblay MS, **Taljaard M**. The influence of place on weight gain during early childhood: a population-based, longitudinal study. *Journal of Urban Health* 2013; 90(2): 224-239. (Impact factor: 2.068)

## 2012

442. Carter MA\*, Dubois L, Tremblay MS, **Taljaard M**. Local social environmental factors are associated with household food insecurity in a longitudinal study of children. *BMC Public Health* 2012; 12:1038 doi:10.1186/1471-2458-12-1038. (Impact factor: 2.00)

443. Weijer C, Grimshaw JM, Eccles MP, McRae AD\*, White A, Brehaut JC, **Taljaard M** and the Ottawa Ethics of Cluster Trials Consensus Group. The Ottawa Statement on the Ethical Design and Conduct of CRTs. *PLoS Medicine* 2012. 9(11): e1001346. doi:10.1371/journal.pmed.1001346 (Impact factor 13.05)
444. Danese E, Montagnana M, Johnson JA, Rettie A, Zambon CF, Lubitz SA, Suarez-Kurtz G, Cavallari LH, Zhao L, Huang M, Nakamura Y, Mushiroda T, Kringen MK, Borgiani P, Ciccacci C, Rieder MJ, Halperin JL, Langaee TJ, Siguret V, Lorient M, Sagreya H, Altman RB, Shahin MHA, Khalifa SI, Chowbay B, Suriapranata IM, Teichert M, **Taljaard M**, Botton MR, Zhang JE, Pirmohamed M, Zhang X, Carlquist JF, Horne BD, Lee MTM, Pengo V, Guidi GC, Minuz P, Fava C. Impact of the CYP4F2 V433M polymorphism on coumarin dose requirement. A systematic review and meta-analysis. *Clinical Pharmacology & Therapeutics* 11/2012; DOI:10.1038/clpt.2012.184. (Impact factor: 6.043)
445. Liddy EC, Singh J, Hogg W, Dahrouge S, Deri Armstrong C, Russell G, **Taljaard M**, Akbari A, Wells G. Quality of cardiovascular disease care in Ontario, Canada: missed opportunities for prevention - a cross sectional study. *BMC Cardiovascular Disorders* 2012, 12:74. (Impact factor 1.52)
446. Carter MA\*, Dubois L, Tremblay MS, **Taljaard M**, Jones BL. Trajectories of childhood weight gain: the relative importance of local environment versus individual social and early life factors. *PLoS ONE* 2012; 7(10): e47065. doi:10.1371/journal.pone.0047065. (Impact factor: 4.4)
447. Forster AJ, **Taljaard M**, Bennett C, van Walraven C. Reliability of the Peer-Review Process for Adverse Event Rating. *PLoS ONE* 2012;7(7): e41239. doi:10.1371/journal.pone.0041239 (Impact factor 4.4)
448. Ivers N, Schwalm J\*, Grimshaw JM, Wittelman H, **Taljaard M**, Zwarenstein M, Natarajan MK. Delayed Educational Reminders for Long-term medication Adherence in ST-Elevation Myocardial Infarction (DERLA-STEMI): Protocol for a pragmatic, cluster-randomized controlled trial. *Implementation Science* 2012, 7:54 doi:10.1186/1748-5908-7-54. (Impact factor 3.1)
449. Gallo A, Weijer C, White A, Grimshaw JM, Boruch R, Brehaut JC, Donner A, Eccles MP, McRae AD\*, Saginur R, Zwarenstein M, **Taljaard M**. What is the role and authority of gatekeepers in cluster randomized trials in health research? *Trials* 2012; 13:116. (Impact factor 2.5)
450. Bryson GL, Gomez CP, Jee TK, Blackburn J, **Taljaard M**, Forster AJ. Unplanned admission after day surgery: A historical cohort study in patients with obstructive sleep apnea. *Canadian Journal of Anesthesiology* 2012: doi 10.1007/s12630-012-9746-0. (Impact factor 2.346)
451. Perry J, Symington C, Mansour M, **Taljaard M**, Stiell IG. Is this Subarachnoid Hemorrhage Significant? A National Survey of Neurosurgeons. *Canadian Journal of Neurological Sciences*. 2012; 39: 638-643. (Impact factor 1.179)
452. Neillipovitz D, Bryson G, **Taljaard M**. STAR VaS - Short Term Atorvastatin Regime for Vasculopathic Subjects: A randomized, placebo-controlled, trial evaluating perioperative atorvastatin therapy in non-cardiac surgery. *Canadian Journal of Anesthesia* 2012, 59(6): 527-537 (Impact factor: 2.18)
453. Gartke K, Portner O, **Taljaard M**. Neuropathic Symptoms Following Continuous Popliteal Block (CPB) for Post-operative Pain Control after Foot and Ankle Surgery. *Foot & Ankle International* 2012 Apr;33(4):267-74. (Impact factor: 0.592)

454. Forster AJ, **Taljaard M**, Oake N, Wilson K, Roth V, Van Walraven C. The effect of hospital-acquired *Clostridium difficile* infection on length of stay in hospital. *Canadian Medical Association Journal* 2012, 184(1) First published December 5, 2011, doi: 10.1503/cmaj.110543 (Impact factor: 9.02)
455. Perry J, Goindi R\*, Symington C, Brehaut J, **Taljaard M**, Schneider S, Stiell IG. A Survey of Emergency Physicians' Requirements for a Clinical Decision Rule for Acute Respiratory Illnesses in 3 Countries. *Canadian Journal of Emergency Medicine* 2012 Mar 1;14(2):83-9. (Impact factor: 1.515)

## 2011

456. Liddy C, Singh JP, Hogg W, Dahrouge S, **Taljaard M**. Comparison of Primary Care Models in the Prevention of Cardiovascular Disease – A Cross Sectional Study. *BMC Family Practice* 2011, 12:114. (Impact factor: 1.47)
457. McRae AD\*, Weijer C, Binik A, Grimshaw JM, Boruch R, Brehaut JC, Donner A, Eccles MP, Saginur R, White A, **Taljaard M**. When is informed consent required in cluster randomized trials in health research? *Trials* 2011, 12:202. (Impact factor: 2.08)
458. Ivers N, **Taljaard M**, Dixon S, Bennett C, McRae AD\*, Taleban J, Skea Z, Brehaut J, Boruch RF, Eccles M, Grimshaw JM, Weijer C, Zwarenstein M, Donner A. Impact of CONSORT extension for cluster randomised trials on quality of reporting and study methodology: review of random sample of 300 trials, 2000-8. *BMJ* 2011; 343:d5886 (Impact factor: 13.271)
459. McRae AD\*, Weijer C, Binik A, White A, Grimshaw JM, Boruch R, Brehaut JC, Donner A, Eccles MP, Saginur R, Zwarenstein M, **Taljaard M**. Who is the research subject in cluster randomized trials in health research? *Trials*. 2011, 12:183. (Impact factor: 2.08)
460. Wong J\*, **Taljaard M**, Forster AJ, Van Walraven C. Does adding risk-trends to survival models improve in-hospital mortality predictions? A cohort study. *BMC Health Services Research* 2011, 11:171 doi:10.1186/1472-6963-11-171. (Impact factor: 1.72)
461. Liddy C, Hogg W, Russell G, Wells G, Armstrong CD, Akbari A, Dahrouge S, **Taljaard M**, Mayo-Bruinsma L\*, Singh J, Cornett JA. Improved Delivery of Cardiovascular Care (IDOC) through Outreach Facilitation: study protocol and implementation details of a cluster randomized controlled trial in primary care. *Implementation Science* 2011, 6:110 (Impact factor: 2.51)
462. Sepucha K, Stacey D, Clay, C, Chang Y, Cosenza C, Dervin G, Dorrwachter J, Feibelmann S, Katz JN, Kearing S, Malchau H, **Taljaard M**, Tomek I, Tugwell P, Levin CA. Decision quality instrument for treatment of hip and knee osteoarthritis: a psychometric evaluation. *BMC Musculoskeletal Disorders* 2011,12:149 doi:10.1186/1471-2474-12-149 (Impact factor: 1.94)
463. Louzada ML\*, **Taljaard M**, Langlois NJ, Kahn SR, Rodger MA, Anderson DR, Kovacs MJ, Wells PS. Psychological impact of thrombophilia testing in asymptomatic family members. *Thrombosis Research*. doi:10.1016/j.thromres.2011.05.024 (Impact factor: 2.372)
464. Van Walraven C, Jennings A, **Taljaard M**, Dhalla I, English S, Mulpuru S, Blecker S, Forster AJ. The incidence of potentially avoidable hospital readmissions and its relationship to all-cause urgent readmissions. *CMAJ* 2011, 183(14) First published August 22, 2011, doi: 10.1503/cmaj.110400. (Impact factor: 9.02)

465. Binik A\*, Weijer C, McRae AD\*, Grimshaw J, Boruch R, Brehaut JC, Donner A, Eccles MP, Saginur R, **Taljaard M**, Zwarenstein M. Does clinical equipoise apply to cluster randomized trials? *Trials* 2011, 12:118. (Impact factor: 2.08)
466. Weijer C, Grimshaw JM, **Taljaard M**, Binik A\*, Boruch R, Brehaut JC, Donner A, Eccles MP, Gallo A, McRae AD\*, Saginur R, Zwarenstein M. Ethical issues posed by cluster randomized trials in health research. *Trials* 2011, 12:100. (Impact factor: 2.08)
467. **Taljaard M**, McRae AD\*, Weijer C, Bennett C, Dixon S, Taleban J, Skea Z, Brehaut J, Eccles MP, Donner A, Saginur R, Boruch RF, Grimshaw JM. Inadequate reporting of research ethics review and informed consent in cluster randomised trials: review of random sample of published trials. *BMJ* 2011;342:d2496. (Impact factor 13.66)
468. Wong J\*, **Taljaard M**, Forster AJ, Escobar GJ, Van Walraven C. Derivation and validation of a model to predict daily risk of death in hospital. *Medical Care*. 2011 Aug;49(8):734-43 (Impact factor 3.241).
469. Bryson GL, Wyand A, Wozny D, Rees L, **Taljaard M**, Nathan H. The clock drawing test is a poor screening tool for postoperative delirium and cognitive dysfunction after aortic repair. *Canadian Journal of Anesthesia* 2011, 58(3): 267-274. (Impact factor: 2.306)
470. Vaillancourt C; Midzic I\*, **Taljaard M**, Chisamore B. Performer fatigue and CPR quality comparing 30:2 to 15:2 compression to ventilation ratios in older bystanders: A randomized crossover trial. *Resuscitation* 2011; 82: 51–56 (Impact factor: 2.712)
471. Bryson GL, Wyand A, Wozny D, Rees L, **Taljaard M**, Nathan H. A prospective cohort study evaluating associations among delirium, postoperative cognitive dysfunction, and apolipoprotein E genotype following open aortic repair. *Canadian Journal of Anesthesia* 2011 Mar;58(3):246-55. Epub 2011 Jan 11. (Impact factor: 2.306)
472. Perry JJ, Goindi R\*, Brehaut J, **Taljaard M**, Schneider S, Stiell IG. Emergency physicians' management of transient ischemic attack and desired sensitivity of a clinical decision rule for stroke in three countries. *Canadian Journal of Emergency Medicine* 2011, 13(1): 19-27. (Impact factor: 1.3)
473. Koszycki D, **Taljaard M**, Segal Z, Bradwejn J. A randomized trial of sertraline, self-administered cognitive behavior therapy, and their combination for panic disorder. *Psychological Medicine* 2011; 41(2): 373-383. (Impact factor: 5.012)

## 2010

474. Bryson GL, Charapov I, Krolczyk G, **Taljaard M**, Reid D. Intravenous lidocaine does not reduce length of hospital stay following abdominal hysterectomy. *Canadian Journal of Anesthesia*, 2010 Aug; 57(8):759-66. Epub 2010 Jun 8. (Impact factor: 2.306)
475. Oake N, **Taljaard M**, van Walraven C, Wilson K, Roth V, Forster AJ. The effect of hospital-acquired *Clostridium difficile* infection on in-hospital mortality. *Archives of Internal Medicine* 2010;170(20):1804-1810. (Impact factor: 9.81)
476. Van Walraven C, **Taljaard M**, Etchells E, Bell CM, Stiell IG, Zarnke K, Forster AJ. The independent association of provider and information continuity on outcomes after hospital discharge: implications for hospitalists. *Journal of Hospital Medicine* 2010; 5(7): 298-405. (Impact factor: 1.496)
477. **Taljaard M**, McGowan J, Grimshaw JM, Brehaut JC, McRae A, Eccles MP, Donner A. Electronic search strategies to identify reports of cluster randomized trials in MEDLINE:



Low precision will improve with adherence to reporting standards. *BMC Medical Research Methodology*, 2010; 10:15. (Impact factor: 2.3)

478. Van Walraven C, **Taljaard M**, Bell CM, Etchells E, Stiell IG, Zarnke K, Forster AJ. Prospective cohort study found that provider and information continuity was low after patient discharge from hospital. *Journal of Clinical Epidemiology*, 2010 Sep; 63(9):1000-10. (Impact factor: 2.9)
479. Perry JJ, Mansour M, Sharma M, Symington C, Brehaut J, **Taljaard M**, Stiell IG. National Survey of Canadian Neurologists' Current Practice for Transient Ischemic Attack and the Need for a Clinical Decision Rule. *Stroke*, 2010; 41:987-991. (Impact factor: 6.5)
480. **Taljaard M**, Ward MR, Kutryk MJB, Courtman DW, Camack NH, Goodman SG, Parker TG, Dick AJ, Galipeau J, Stewart DJ. Rationale and design of Enhanced Angiogenic Cell Therapy in Acute Myocardial Infarction (ENACT-AMI): The first randomized placebo-controlled trial of enhanced progenitor cell therapy for acute myocardial infarction. *American Heart Journal*, 2010; 159(3): 354-360. (Impact factor: 4.3)
481. Wells PS, Majeed H\*, Kassem S\*, Langlois N, Gin B, Clermont J, **Taljaard M**. A regression model to predict warfarin dose from clinical variables and polymorphisms in CYP2C9, CYP4F2, and VKORC1: Derivation in a sample with predominantly a history of venous thromboembolism. *Thrombosis Research* 2010; 125:259-264. (Impact factor: 2.4)
482. Brehaut JC, Graham ID, Wood TJ, **Taljaard M**, Eagles D\*, Lott A, Clement C, Kelly A, Mason S, Kellerman A, Stiell IG. Measuring Acceptability of Clinical Decision Rules: Validation of the Ottawa Acceptability of Decision Rules Scale (OADRS) in Four Countries. *Medical Decision Making* 2010; 30(3): 398-408. (Impact factor: 2.9)

## 2009

483. **Taljaard M**, Donner A, Villar J, Wojdyla D, Faundes A, Zavaleta N, Acosta A. Understanding the Factors Associated with Differences in Caesarean Section Rates at Hospital-Level: The Case of Latin America. *Paediatric and Perinatal Epidemiology* 2009; 23(6): 574-581. (Impact factor: 1.7)
484. **Taljaard M**, Weijer C, Grimshaw JM, Belle Brown J, Binik A, Boruch R, Brehaut JC, Chaudhry SH\*, Eccles MP, McRae A\*, Saginur R, Zwarenstein M, Donner A. Ethical and policy issues in cluster randomized trials: rationale and design of a mixed methods research study. *Trials* 2009; 10:61. (Impact factor: 1.7)
485. Van Walraven C, Oake N, Coyle D, **Taljaard M**, Forster AJ. Changes in surrogate outcomes can be translated into clinical outcomes using a Monte Carlo model. *Journal of Clinical Epidemiology* 2009; 62(12): 1306-1315. (Impact factor: 2.9)
486. Wells PS, Louzada ML\*, **Taljaard M**, Anderson DR, Kahn SR, Langlois NJ, Rutberg J, Kovacs MJ, Rodger MA. A Pilot Study to Assess the Feasibility of a Multicenter Cluster Randomized Trial for the Management of Asymptomatic Persons with a Thrombophilia. *Journal of Genetic Counseling* 2009; 18:475-482. (Impact factor: 0.4)

## 2008

487. Stacey D, **Taljaard M**, Drake E R, O'Connor AM. Audit and feedback using the brief Decision Support Analysis Tool (DSAT-10) to evaluate nurse-standardized patient encounters. *Patient Education and Counselling* 2008; 73: 519-525. (Impact factor: 2.2)

488. Eagles D\*, Stiell IG, Clement CM, Brehaut J, **Taljaard M**, Kelly A, Mason S, Kellermann A, Perry JJ. International Survey of Emergency Physicians' Awareness and Use of the Canadian C-Spine Rule and the Canadian CT Head Rule. *Academic Emergency Medicine* 2008; Dec15(12):1256-61. (Impact factor: 2.5)
489. Van Walraven C, **Taljaard M**, Bell CM, Etchells E, Zarnke KB, Stiell IG, Forster AJ. Information exchange between physicians who treat the same patient in the community. *Canadian Medical Association Journal* 2008; 179(10): 1013-1018. (Impact factor: 7.5)
490. McIntyre LA, Fergusson D, Cook DJ, Rankin N, Dhingra V, Granton J, Magder S, Stiell I, **Taljaard M**, Hebert PC. Fluid resuscitation in the Management of Early Septic Shock (FINESS): A Canadian Randomized Controlled Feasibility Trial. *Canadian Journal of Anaesthesia* 2008; 55(12): 819-826. (Impact factor 2.306)
491. **Taljaard M**, Donner A, Klar N. Imputation strategies for missing continuous outcomes in cluster randomized trials. *Biometrical Journal* 2008; 50(3): 329–345. (Impact factor: 1.1)
492. **Taljaard M**, Donner A, Villar J and members of the World Health Organization 2005 Global Survey on Maternal and Perinatal Health Research Group. Intracluster Correlation Coefficients from the 2005 WHO Global Survey on Material and Perinatal Health: Implications for Implementation Research. *Paediatric and Perinatal Epidemiology* 2008; 22(2): 117-125. (Impact factor: 1.7)

## 2007

493. **Taljaard M**, Donner A, Klar N. Accounting for expected attrition in the planning of community intervention trials. *Statistics in Medicine* 2007; 26(13): 2615-2628. (Impact factor: 2.1)
494. Donner A, **Taljaard M**, Klar N. The merits of breaking the matches: a cautionary tale. *Statistics in Medicine* 2007; 26, 2036-2051. (Impact factor: 2.1)

## 2006

495. Say L, Donner A, Gülmezoglu AM, **Taljaard M**, Piaggio G. The prevalence of stillbirths: a systematic review. *Reproductive Health* 2006; 3:1-11.

## Letters:

496. Lee DS, Ross HJ, for the COACH trial investigators. Response to Fan and Hsu. *New England Journal of Medicine* 2023; 388:22-32
497. Myran DT, Pugliese M, Tanuseputro P, Taljaard M. Response to Smyth & McCarron: Increases in cannabis-attributable emergency department visits during different phases of the pre- and post-legalization period are multi-factorial. *Addiction*. 2023 May;118(5):980-982. doi: 10.1111/add.16152. Epub 2023 Feb 27. PMID: 36738192.
498. In reply: Hemming K, Taljaard M. Why proper understanding of confidence intervals and statistical significance is important. *Med J Aust*. 2021 Aug 16;215(4):191-191.e1. doi: 10.5694/mja2.51186. Epub 2021 Jul 21. PMID: 34291463.
499. Zheng B, Toarta C, Cheng W, **Taljaard M**, Reaume N, Perry JJ. In reply: Response to letter to the editor. *Critical Reviews in Oncology/Hematology*, 2020; 103085. <https://doi.org/10.1016/j.critrevonc.2020.103085>.

500. Hemming K, Goldstein CE, Marshall T, **Taljaard M**, Weijer C. Response to: Lilford and Watson: Comment on ‘Stepped wedge trials should be classified as research for the purpose of ethical review’. *Clinical Trials* 2020. <https://doi.org/10.1177/1740774520920578> (Impact factor: 2.715)
501. Fernando SM\*, Tran A\*, Cheng W, Rochweg B, **Taljaard M**, Thiruganasambandamoorthy V, Kyeremanteng K, Perry JJ. Response To: “Prognosis Versus Diagnosis and Test Accuracy Versus Risk Estimation: Exploring the Clinical Application of the HEART Score”. *Academic Emergency Medicine*. 2019; 26: 704–706. (Impact Factor: 2.5)
502. Thiruganasambandamoorthy V, Rowe BH, Sivilotti MLA, McRae AD, Arcot A, Nemnom M, Huang L, Mukarram M, Krahn AD, Wells GA, **Taljaard M**. Response to Letters Regarding Article, “Duration of Electrocardiographic Monitoring of Emergency Department Patients With Syncope.” *Circulation* 2019; 140: e655–e656. (Impact factor: 23.054)
503. Fernando, SM\*. Tran A\*, **Taljaard M**, Cheng W, Perry JJ. Letter in response to: “Prognostic accuracy of the Quick Sequential Organ Failure Assessment for Mortality in Patients with suspected Infection.” *Annals of Internal Medicine* 2018; 169(4): 264-265 (Impact factor: 19.315)
504. Tran A.\*, Matar M., Lampron J., Steyerberg E., Vaillancourt C., **Taljaard M**. Predictors to Identify Clinically Significant Bleeding in Trauma Patients: A National Survey of Canadian Traumatologists. *Can J Surg* 2017; 60(5)

#### **Technical reports and blogs (non-peer reviewed):**

1. Weijer, C, Taljaard, M. Unnatural experiments. In: Journal of Medical Ethics Blog, <https://blogs-bmj-com.proxy.bib.uottawa.ca/medical-ethics/2019/11/28/unnatural-experiments/> (2019, accessed 1 March 2020) (Impact factor: 1.889)
2. Weijer C, **Taljaard M**, Nicholls S. Ethical considerations for health policy and systems research. Geneva: World Health Organization; 2019. Licence: CC BY-NC-SA 3.0 IGO. Available at: <https://www.who.int/alliance-hpsr/resources/publications/ethical-considerations-hpsr/en/>
3. Manuel DG, Perez R, Bennett C, Rosella L, **Taljaard M**, Roberts M, Sanderson R, Tuna M, Tanuseputro P, Manson H. Seven more years: the impact of smoking, alcohol, diet, physical activity and stress on health and life expectancy in Ontario. Toronto: Institute for Clinical Evaluative Sciences (ICES). 2012
4. Hoch JS, Campbell MK, Potter B, **Taljaard M**, Mancini A. Methods for the Analysis of Rates Based on Small Numbers. Recommendations to: Canadian Institute for Health Information. Department of Epidemiology and Biostatistics, University of Western Ontario, London, 2001.

## **PRESENTATIONS AND WORKSHOPS**

### **International:**

1. *Stepped wedge cluster randomized designs: opportunities and challenges.* Invited presentation at the Harvard Implementation Science Consortium. (**Virtual** presentation). 16 April 2024.
2. *What sample size do I need? Everything you want to know about determining sample size for your cluster randomized trials.* Invited plenary presentation at the NIA IMPact Collaboratory 2024 ePCT Training Workshop. (**Virtual** presentation). January 2024.
3. *A gentle introduction to cluster randomized trials.* Invited presentation at the Hot Topics in Neonatology 2023 Conference in **Washington DC**, 10 December 2023.
4. *The stepped wedge cluster randomized trial: What is it and when should it be used?* Invited virtual presentation to the Institute for Women's and Children's health, Lundquist Institute, Harbor UCLA Medical Center, October 2023.
5. *Sample size calculation in different cluster randomized designs.* Invited workshop presentation as part of a 3-day workshop: Cluster randomized trials and within-person randomized trials: statistical, practical and ethical issues. INSERM, **Bordeaux France**, 22 June 2023.
6. *Stepped wedge and cluster randomized trials.* Invited virtual presentation, **Children's Hospital of Philadelphia** Research Institute, 17 May 2023.
7. *Introduction to stepped wedge cluster randomized designs.* Invited presentation at the Gardener's Grove Conference, held **virtually**, Western University, London Ontario, on 28 March 2023
8. *The Ottawa Statement Implementation Guidance Document for CRTs in the Hemodialysis setting* (Panel presentation) at the Gardener's Grove Conference, held **virtually**, Western University, London Ontario, on 28 March 2023.
9. *The stepped wedge cluster randomized trial: Friend or Foe?* Invited presentation in the NIH Pragmatic trials Collaboratory Special Grand Rounds Series, held **virtually**, on 9 December 2022.
10. *Overview of cluster randomized and stepped wedge trials.* Invited presentation to the Division of Kidney, Urologic and Hematologic Diseases, NIDDK/NIH. Held **virtually**, 10 November 2022.
11. *Cluster Randomized Trial Designs in Cancer Care Delivery Research.* Invited 3-day short course, organized by the US National Institutes of Health National Cancer Institute. Held **virtually** on May 3, 4, 5th, 2022.
12. *How are claims of pragmatism justified in primary trial reports? Results from a review of 415 self-declared pragmatic trials.* Invited presentation at the Health Research board TMRN workshop, held **virtually** on 9 November 2021.
13. *Four Essential Statistical Considerations for Designing Pragmatic Trials in Dementia.* Invited plenary presentation at the NIA IMPACT Collaboratory Training Workshop and Retreat. Held **virtually**, April 7-8, 2021.
14. *Pragmatic trials: Key unresolved ethical issues and the need for guidance.* Invited panel presentation at the Society for Clinical Trials **virtual meeting**, May 2021.
15. *Reporting of informed consent in pragmatic trials: results from a systematic literature survey.* Oral presentation at the Society for Clinical Trials **virtual meeting**, held May 2021.
16. *How are claims of pragmatism justified in primary trial reports? Results from a review of 415 self-declared pragmatic trials.* Oral presentation at the Society for Clinical Trials **virtual meeting**, held May 2021.

17. *The stepped wedge cluster trial: tool for evidence-based health policy — or insta death?* Invited presentation at University of Melbourne, 25 November 2019 in **Melbourne**, Australia.
18. *Stepped wedge cluster randomized designs for health policy and services research.* Invited 2 hour workshop presentation at the American Statistical Association International conference on health policy statistics, held San Diego, **California**, 6 January 2020
19. *Stepped wedge designs: pragmatic randomised trial designs for evaluating health policy and practice change interventions.* Invited 2-day workshop presented at an event organized by Melbourne Academic Centers for Health, Monash Partners, and VicBiostat, held Nov 21-22, 2019 in **Melbourne**, Australia
20. *Stepped wedge cluster randomized trials: What, Why and When?* Invited webinar presentation for the US National Institute on Aging IMPACT Collaboratory Grand Rounds, held 19 December 2019.
21. *The Stepped wedge cluster randomized trial.* Invited oral presentation at Marcus Institute for Aging Research Hebrew SeniorLife, **Boston**, 4 September 2019
22. *Introduction to (multiple period) cluster cross-over designs.* Invited workshop presentation at the “Current Developments in cluster randomised and stepped wedge designs” annual meeting held at Queen Mary University of London, **London**, UK on 14-16 November 2019
23. *Design of the FLUID CRXO trial: logistical and methodological issues.* Invited oral presentation at the Workshop on Innovative Cluster Randomize Trial Designs, held at the Monash Prato Center, Prato, **Italy**, on 18 June 2019.
24. *When and how should we cluster and cross over: methodological and ethical issues.* Invited webinar presentation. Health Research Board – Trials Methodology Research Network, Dublin, **Ireland**: 12 June 2019
25. *Introduction to the multiple period cluster cross-over design.* Invited oral presentation at the Society for Clinical Trials meeting held in New Orleans, **Louisiana**, USA. May 2019.
26. *Methodological considerations in pragmatic cluster randomized trials.* Invited oral presentation at the CTO 2019 Clinical Trials Conference held in **Toronto**, Ontario. March 27-28, 2019
27. *Methodological and ethical considerations in cluster randomized trials.* Invited oral presentation at the London School of Hygiene and Tropical Medicine, **London**, UK on 19 November 2018.
28. *Sample size calculations for cluster and stepped-wedge trials.* Invited workshop presented in **London**, UK on 20 November 2018.
29. *Ethics in cluster randomized trials.* Invited workshop presented at the “Current Developments in cluster randomised and stepped wedge designs” annual meeting held at Queen Mary University of London, **London**, UK on 21-22 November 2018.
30. *Ethics and design of cluster randomized trials in public health and medicine.* Invited webinar presentation. Society for Clinical Trials. 5 October 2018.
31. *Ethical issues in cluster randomized trials.* Invited workshop presentation in “Principles and Methods of Population Health Intervention Research”, organized by INSERM (French National Institute of Health and Medical Research) held 17-19 October 2018 in Bordeaux, **France**
32. *Workshop on Stepped Wedge cluster randomized trials.* Invited three-day workshop. Trimbos Institute, Utrecht, **Netherlands** held July 16-17, 2018.

33. *Stepped Wedge Cluster Randomized Designs for Disease Prevention Research*. Invited webinar: presented in the “Medicine: Mind the Gap” US National Institute for Health Office of Disease Prevention Research webinar series, delivered 11 July 2018.
34. *Introduction to sample size calculation for simple parallel and longitudinal cluster randomized trials*. Invited Workshop presented at the Society for Clinical Trials, held May 20<sup>th</sup>, 2018 in Portland, **Oregon**, USA.
35. *Informed consent and innovative trial designs: pragmatic cluster randomized trials*. Invited Panel Presentation at the Society for Clinical Trials, held May 20-24, 2018 in Portland, **Oregon**, USA.
36. *Designing trials within implementation laboratories: standard and longitudinal cluster randomized designs*. Invited Panel Presentation at the Society for Clinical Trials, held May 20-24, 2018 in Portland, **Oregon**, USA.
37. *The CONSORT extension for Stepped-Wedge Cluster Randomized Trials*. Invited Panel Presentation at the Society for Clinical Trials, held May 20-24, 2018 in Portland, **Oregon**, USA.
38. *Ethical design and conduct of Pragmatic trials*. Invited Panel Presentation at the Society for Clinical Trials, held May 20-24, 2018 in Portland, **Oregon**, USA.
39. *Sample size calculation for stepped wedge cluster randomized trials*. Invited workshop presented at the second international conference on stepped wedge trial design, held at University of York, **York** UK on 19-20 March 2018
40. *Study designs for evaluating effectiveness of audit and feedback*. Invited oral presentation at the International Audit and Feedback Summit, held May 2-4, 2018 in **Toronto**, Ontario.
41. *Design and analysis of longitudinal trials in implementation laboratories*. Invited oral presentation at the Meta-lab meeting: International Audit and Feedback Summit, held May 2-4, 2018 in **Toronto**, Ontario.
42. *The CONSORT extension for stepped wedge cluster randomised trials*. Invited workshop presented at the “Current Developments in cluster randomised and stepped wedge designs” meeting held 30 November 2017 at Queen Mary University of London, **London**, UK.
43. *New challenges in cluster randomized and stepped wedge trials*. Invited oral presentation at a workshop, entitled: Challenges for Clinical Equipoise in the 21<sup>st</sup> Century held September 28-29, 2017 in Boston, **Massachusetts**, USA.
44. *Pragmatic comparative effectiveness trials in nursing homes: interplay between and ethics*. Invited oral presentation at the IAGG World Congress of Gerontology & Geriatrics held July 23-27, 2017 in San Francisco, **California**, USA
45. *Enhancing translation success through rigorous design and analysis: Considerations and Approaches*. Invited oral presentation. Business of Regenerative Medicine Symposium, Rotman School of Management, University of Toronto, **Toronto**, ON, July 18, 2017
46. *Pragmatic Comparative Effectiveness Research: Interplay between Design and Ethics*. Invited oral presentation at the 27th Annual meeting of the Society for Clinical Trials, held in Montreal, **Quebec** May 15-18, 2016.
47. *Case study of a real-world stepped wedge: Trial, error, and some statistical jiggery pokery?* Invited oral presentation on 18 Nov 2015 at The Institute of Applied Health Research, University of Birmingham, **Birmingham**, UK.
48. *Sample size calculations for the Stepped Wedge Cluster Randomized Trial*. Invited Workshop presented at the Annual International Clinical Trials Methodology Conference, held Nov 16-17, 2015 in Glasgow, **Scotland**, UK.

49. *Research and Reporting Methods for the Stepped Wedge Cluster Randomised Controlled Trial*. Invited Workshop presented at the Annual Society for Clinical Trials meeting, held May 17-20, 2015 in Arlington, **Virginia**.
50. *Variations in Regulatory Requirements and Implications for Consent Procedures in Cluster Randomized Trials*. Invited oral presentation at the Annual Society for Clinical Trials meeting, held May 17-20, 2015 in Arlington, **Virginia**.
51. *Commentary on three cluster randomized protocols*. Invited panel presentation at the Conference on Cluster and Pragmatic Trials in Clinical Aging Research, held Nov 18, 2014 at Hebrew Senior Life Institute for Aging Research, Harvard Medical School, Boston, **Massachusetts**.
52. *Ethical and Policy issues in Cluster Randomized Trials in Health Research*. Invited oral presentation at: Cluster randomized trials, stepped-wedge randomized trials: the ultimate form of pragmatic trials; a meeting held 24-25 June, 2014 in Tours, **France**.
53. *Ethical and Policy issues in Cluster Randomized Trials in Health Research*. Invited panel presentation at a workshop organized by the UK Health Research Authority (HRA): Cluster randomized trials without consent: a moral step too far or a necessary research method? on 3 Dec, 2013 in **London, UK**.
54. *Scientific aspects of Cluster randomized trials*. Invited oral presentation at the Secretary's Advisory Committee on Human Research Protections (SACHRP) meeting on July 10-11, 2013, in **Washington DC**.
55. *Ethical challenges in cluster randomized trials: Analysis and proceedings from an international consensus meeting to generate ethics guidelines*. Invited panel presentation at the International Association for Bioethics Congress held 26-29 June, 2012 in Rotterdam, **Netherlands**.
56. *Guidelines for the ethical conduct and ethics review of cluster randomized trials: consensus statement from an international consensus meeting*. Invited Panel presentation at the Society for Clinical Trials 33<sup>rd</sup> Annual Meeting held May 20-23, 2012 in Miami, **Florida**.
57. *Ethical issues in cluster randomized trials: international survey of research ethics chairs*. Oral presentation at the 33<sup>rd</sup> Annual Meeting of the Society for Clinical Trials, held May 20-23, 2012 in Miami, **Florida**.
58. *International Consensus Guidelines for the Ethical Conduct and Ethics Review of Cluster Randomized Trials*. Poster presentation at the 5<sup>th</sup> Annual NIH conference on the Science of Dissemination and Implementation: Research at the Crossroads, held March 19-20, 2012, in Maryland, **Bethesda**.
59. *Ethical issues in cluster randomized trials: Challenges and Preferred Solutions*. Invited Panel presentation at the Annual Meeting of the Society for Clinical Trials, held May 15-18, 2011 in Vancouver, **British Columbia**.
60. *Reporting of research ethics review and informed consent practices in cluster randomized trials*. Oral presentation at the 32<sup>nd</sup> Annual Society for Clinical Trials meeting in Vancouver, **British Columbia**, May 15-18, 2011.
61. *Imputation for missing continuous outcomes in community intervention trials*. Oral presentation at the International Biometric Society Eastern North America Region Meeting held in **Atlanta**, March 2007.
62. *Sample size calculation accounting for attrition in cluster randomized trials*. Oral presentation at the International Biometric Conference held in Montreal, **Quebec**, July 2006.

63. *How to make the teaching of statistical concepts practical and relevant.* Oral presentation at the Annual Conference of the Association for Mathematics Educators of South Africa held in Port Elizabeth, **South Africa**, July 1999.
64. *Weighting adjustments for non-response.* Oral presentation at the International Congress of Mathematicians held in Berlin, **Germany**, August 1998.
65. *Weighting adjustments for non-response: The importance of forming appropriate weighting classes.* Oral presentation at the Annual Conference of the South African Statistical Association, held in Brits, **South Africa**, November 1997.

### **National/Provincial:**

66. *Cluster randomized and stepped wedge trial designs.* Invited presentation to the Canadian Transfusion trials group, held **virtually** on 19 December 2024.
67. *Essential ingredients for stepped wedge cluster randomized trials.* Invited presentation at the Canadian Stroke Congress, held Nov 28-29, 2024 in **Calgary**, Alberta.
68. Cluster randomized trials: Rationale, design and analysis. Module 2. Invited workshop: Canadian Network for Statistical Training in Trials (CANSTAT). May 2024.
69. Cluster randomized trials: Rationale, design and analysis. Module 1. Invited workshop: Canadian Network for Statistical Training in Trials (CANSTAT). May 2024.
70. *Stepped Wedge Design in Quality Improvement Research.* Invited presentation (virtual) in the Quality and Safety Mastermind Series, Western University, **London Ontario**, 2 November, 2023.
71. *Cluster randomized trials: past, present and future.* Invited presentation: Annual Allan Donner Lecture, Western University, **London, Ontario**, 31 March 2023
72. *Pragmatic trials: methodological considerations and common pitfalls.* Invited presentation (virtual) at the Accelerating Randomized Trials workshop, Western University, **London Ontario**, 30 April 2022.
73. *Introduction to the Stepped Wedge cluster randomized trials.* Invited presentation at the Centre de recherche du CHU de Québec-Université Laval, **Laval Quebec**, 26 November 2021
74. *Equity considerations in design, analysis and reporting of randomized controlled trials.* Invited presentation: Knowledge Translation Canada Summer Institute 2021. 7 August 2021.
75. *The Stepped Wedge Cluster randomized Trial: What, how, and when?* Invited lecture presented in the Department of Health Research Methods, Evidence and Impact, McMaster University, **Hamilton** Canada: 9 March 2020
76. *Sample size calculation for stepped wedge cluster randomized trials.* Invited lecture presented at the Population Health Research Institute, **Hamilton** Canada: 10 March 2020
77. *The promise and pitfalls of stepped wedge cluster randomized trials.* 4<sup>th</sup> Annual Janice Pogue Lecture (Invited), Population Health Research Institute, **Hamilton**, Canada: 10 March 2020
78. *Stepped Wedge Cluster Randomised Trials: Design and Analysis.* Two-day workshop presented at the Ottawa Methods Center. **Ottawa**, Canada: October 2019
79. *The role of biostatistics in Patient-oriented research: example of the FLUID trial.* Invited oral presentation at the Ontario SPOR Support Unit Ottawa Outreach and Information session, **Ottawa**, 14 May 2019.
80. *Innovative Designs to evaluate Implementation Strategies.* Invited oral presentation at the Center for Implementation Research Launch, Ottawa Hospital Research Institute, **Ottawa**, 19 January 2018



81. *Considerations in choosing an innovative clinical trial design.* Invited oral presentation at the SPOR iCT rewarding Success Initiative, held May 24th, 2018 in **Montreal, QC**
82. *Statistical considerations in the Evaluation of Knowledge Translation Interventions.* Invited oral presentation at the KT Interventions Workshop held at the Atlantica Hotel, **Halifax**, Nova Scotia on 29 May 2017.
83. *The Stepped Wedge Cluster Randomized Trial: Should we use it?* Invited oral presentation in the Health Innovation Seminar Series, held May 30<sup>th</sup>, 2017 at Dalhousie University, **Halifax** Nova Scotia.
84. *The Stepped Wedge Cluster Randomized Trial.* Invited oral presentation at the Population Health Research Institute (McMaster University) and the Ontario SPOR support unit for Canada's Strategy for Patient-Oriented Research (SPOR) workshop on pragmatic trials, held March 7th, 2017 in **Toronto, ON**.
85. *Scientific aspects of cluster randomized trials.* Invited oral presentation at the Health Canada Research Ethics Board meeting, held 12 January 2017 at the Marriott Hotel, **Ottawa, ON**.
86. *Enhancing translation success through rigorous design and analysis: Considerations and Approaches.* Invited oral presentation. Ontario Institute for Regenerative Medicine, held Nov 23, 2016 in **Toronto, ON**.
87. *Methodological issues in stepped wedge cluster randomized trials.* Invited oral presentation at CRCHU de Québec-Université Laval, held June 20 2016 in **Quebec City**.
88. *Case study of a real-world stepped wedge: Trial, error, and some statistical jiggery pokery?* Invited oral presentation in the Department of Epidemiology and Biostatistics, Western University, held January 29, 2016 in **London, Ontario**.
89. *International Consensus Guidelines for the Ethical Conduct and Ethics Review of Cluster Randomized Trials.* Invited oral presentation at the Annual meeting of the Canadian Association of Research Ethics Boards held April 26-28, 2012 in **Toronto, Ontario**.
90. *International Consensus Guidelines for the Ethical Conduct and Ethics Review of Cluster Randomized Trials.* Invited poster presentation at the Annual CAREB conference held April 26-28, 2012, in **Toronto, Ontario**.
91. *Ethical issues in cluster randomized trials: Challenges and Preferred Solutions.* Invited oral presentation at the Annual General Meeting of KT Canada held June 2011 in **Toronto, Ontario**.
92. *Statistics in Epidemiology.* Invited workshop presented to Health Canada Division of Environmental Health, **Winnipeg**, Manitoba, May 2010.

#### **Local:**

93. *Stepped wedge design in quality improvement research.* Invited Presentation. Division of Endocrinology and Metabolism Grand Rounds, The Ottawa Hospital, January 2024.
94. *Cluster randomized trial designs: Standard & emerging designs and best practices for surgeon & anesthesia researchers.* Invited presentation at The Ottawa Hospital Department of Surgery Half-day, Ottawa, December 2023
95. *Introduction to stepped wedge cluster randomized designs.* Invited presentation. Center for Implementation Research rounds, Ottawa, 16 May 2023.
96. *Design considerations for multi-laboratory studies.* Invited presentation, Canadian Preclinical Multilaboratory Research Initiative, Ottawa, on 18 November 2022.
97. *Stepped wedge cluster randomized trials: what are they and when can they be used?* Invited presentation to the Division of Palliative care, The Ottawa Hospital, 19 July 2022

98. *Sample size calculation in early phase clinical trials: Considerations and approaches.* Invited lecture to Medical Oncology residents. The Ottawa Hospital, 1 June 2021.
99. *Introduction to Cluster Randomized Trials: CEP training course.* Invited lecture to visiting Chinese scholars, Ottawa Hospital Research Institute, October 24, 2019
100. *Considerations in choosing a trial design.* Invited oral presentation at “Using Brain Hacks for multiple health behavior change: Planning a first-in-Canada evaluation of implementation intentions at scale. Held in Ottawa, Canada, March 18-19<sup>th</sup>, 2019.
101. *The stepped wedge cluster randomized trial.* Invited oral presentation at the Annual Clinical Research Training Week. The Ottawa Hospital, Ottawa. October 2017.
102. *Pragmatic Randomized Controlled Trials: Interplay between design and ethics.* Invited oral presentation at OHRI Clinical Research Training Week, Ottawa, 18 October 2016.
103. *Logistics, validity, and efficiency: which design is best for my cluster trial?* Invited oral presentation: Élisabeth Bruyère Research Institute, Ottawa, 25 Feb 2016
104. *Case study of a real-world stepped wedge: Trial, error, and some statistical jiggery pokery?* Oral presentation OHRI Clinical Epidemiology Rounds, Ottawa, Nov 2015.
105. *Cluster Randomized Trials: Parallel, cross-over and stepped wedge design.* Invited oral presentation for the Ontario SPOR Support Unit and OHRI Methods Center, Ottawa Hospital Research Institute, Ottawa, Feb 2015.
106. *The ABCs of CRTs: Introduction to cluster randomized trials for reviewers.* Invited oral presentation at the Systematic Reviews Roundtable, Knowledge Synthesis Group, Ottawa Hospital Research Institute, Ottawa, 29 Oct 2014.
107. *Cluster Randomized Trials.* Invited lecture to Knowledge Translation Canada: Pragmatic Randomized Controlled Trials course. Ottawa, June 2014
108. *Statistics: What you need to know for Grants and Manuscripts.* Invited oral presentation at the Annual Clinical Research Training Course. The Ottawa Hospital, Ottawa. October 2013.
109. *ENACT-AMI: Enhanced Angiogenic Cell Therapy in Acute Myocardial Infarction.* Presentation to: Dr. Andre Syrota, President of INSERM with French Delegation to Faculty of Medicine, University of Ottawa, on Monday, July 8th, 2013.
110. Rutterford C and **Taljaard M.** *An introduction to Cluster Randomised Trials (CRTs) and a Review of Sample Size Reporting Practices.* OHRI Clinical Epidemiology Seminar Rounds, Ottawa, June 2013.
111. *Challenges in the Statistical Analysis of Hospital Costs of Adverse Events.* Oral presentation at the OHRI Clinical Epidemiology Seminar Rounds, Ottawa, Nov 2012.
112. *International Consensus Guidelines for the Ethical Conduct and Ethics Review of Cluster Randomized Trials.* Invited poster presentation at the Annual General Meeting of KT Canada, held 6-8 June 2012 in Ottawa, Ontario.
113. *Ethical Challenges in Cluster Randomized Trials: Towards International Consensus Guidelines.* Oral presentation at the Clinical Epidemiology Program Rounds, Ottawa, 18 November 2011.
114. *Evaluating Quality Improvement Interventions.* Invited oral presentation in *Improving Quality and Patient Safety: The Physician Leadership Program.* The Ottawa Hospital, Telfer School of Management, and Faculty of Medicine, University of Ottawa. November 2011.
115. *Sample size calculation for Clinical Research.* Invited workshop presented at The Ottawa Hospital Annual Clinical Research Training Course, Ottawa. October 2010.

116. *Statistics Primer*. Invited oral presentation at the Annual Clinical Research Training Course, The Ottawa Hospital, Ottawa, October 2010.
117. *Sample size calculation for clinical research*. Invited workshop presented at The Ottawa Hospital Annual Clinical Research Training Course, Ottawa. October 2009.
118. *Interpreting Statistical Evidence*. Invited workshop presented to Health Canada Division of Environmental Health, Ottawa, Ontario. October 2009.
119. *Statistics Primer*. Invited oral presentation at the Annual Clinical Research Training Course, The Ottawa Hospital, Ottawa. October 2008.
120. *Sample size calculation for clinical research*. Invited workshop presented at the Annual Clinical Research Training Course, The Ottawa Hospital, Ottawa. October 2008.
121. *Study Design, Methods of Random Allocation, and Sample Size Calculation*. Invited oral presentation at the OHRI/TOH Nursing Research Advanced Methods and Statistics Tutorial. Ottawa, May 2008.
122. *Sample size calculation for clinical research*. Invited workshop presented at the Annual Clinical Research Training Course, The Ottawa Hospital, Ottawa. October 2007.
123. *Ethical and Policy Issues in Cluster Randomized Trials*. Oral presentation at the OHRI Research In Progress Rounds, Ottawa, 2 Feb 2007.
124. *Accounting for attrition in the planning of cluster randomized trials*. Invited oral presentation at The Ottawa Health Research Institute Scientist Retreat, Lac Carling, April 2006.

## **Published Abstracts and conference presentations**

### 2022

1. Stacey D, Ludwig C, Archambault P, Smith M, Carley M, Plourde K, Boland L, Gogovor A, Graham ID, Kobewka D, McLean R, Nelson N, Taljaard M, Vanderspank B, Legare F. Decisions and decision making needs of Canadians during the COVID-19 pandemic: A national survey. Accepted for oral presentation at the 11th International Shared Decision Making Conference in Kolding, Denmark from June 20-22, 2022.
2. Vaillancourt C., Charette M., Sabri E., McLeod B., Leduc S., Dahrouge S., Prud'homme D., Batista R., Plint A., Cheskes S., Thavorn K., Fergusson D., Stiell I.G., Tugwell P., Taljaard M.: Paramedic assessment of low-risk trauma patients using the Canadian c-spine rule and selective transport without immobilization: Are there inequities in health services? (Abstract) (Accepted for presentation at CAEP, Québec City, QC, May 2022)
3. Ng T.L.; Taljaard M.; Savard M.-F.; Stober C.; Nicholls S.; Vandermeer L.; Thavorn K.; Hampel C.; Shames J.; Mills N.; Hilton J.F.; Clemons M. A randomized, multicenter pragmatic trial comparing bone pain from a single dose of pegfilgrastim to 5 doses of daily filgrastim in breast cancer patients receiving neoadjuvant/adjuvant chemotherapy (REACT-5G). Cancer Research. Conference: 2021 San Antonio Breast Cancer Symposium. San Antonio, TX United States. 82(4 SUPPL) (no pagination), 2022. Date of Publication: February 2022.

### 2021

4. Vanderhout S.; Fergusson D.; Cook J.; Taljaard M. Prevalence of and factors associated with patient-reported outcomes in pragmatic randomized controlled trials. Clinical Trials.

- Conference: 42nd Annual Meeting Society for Clinical Trials, SCT 2021. Virtual. 18(SUPPL 5) (pp 75-76), 2021. Date of Publication: 2021.
5. Taljaard M.; Nicholls S.G.; Howie A.; Nix H.; Carroll K.; Moon P.M.; Nightingale N.M.; Giraudeau B.; Brehaut J.C.; Hey S.P. (How) are claims of pragmatism justified in primary trial reports? results from a review of 415 self-declared pragmatic trials. *Clinical Trials*. Conference: 42nd Annual Meeting Society for Clinical Trials, SCT 2021. Virtual. 18(SUPPL 5) (pp 71-72), 2021. Date of Publication: 2021.
  6. Davis-Plourde K.L.; Taljaard M.; Li F. Sample size calculation for stepped wedge cluster-randomized trials with multiple levels of clustering. *Clinical Trials*. Conference: 42nd Annual Meeting Society for Clinical Trials, SCT 2021. Virtual. 18(SUPPL 5) (pp 28), 2021. Date of Publication: 2021.
  7. Taljaard M.; Zhang J.; Nicholls S.G.; Carroll K.; Nix H.; Goldstein C.; Hey S.P.; Brehaut J.C.; Mclean P.; Weijer C. Reporting of informed consent in pragmatic trials: Results from a systematic literature survey. *Clinical Trials*. Conference: 42nd Annual Meeting Society for Clinical Trials, SCT 2021. Virtual. 18(SUPPL 5) (pp 53-54), 2021. Date of Publication: 2021.
  8. Taljaard M.; Fergusson D.; Nicholls S.; Goldstein C.; Eldridge S. Pragmatic trials: Key unresolved ethical issues and the need for guidance. *Clinical Trials*. Conference: 42nd Annual Meeting Society for Clinical Trials, SCT 2021. Virtual. 18(SUPPL 5) (pp 15-17), 2021. Date of Publication: 2021.
  9. Liu G.; Mugo N.; Brown E.; Mgodhi N.; Chirenje Z.; Marrazzo J.; Winer R.; Mansoor L.; Palanee-Phillips T.; Siva S.; Naidoo L.; Jeenarain N.; Gaffoor Z.; Nair G.; Selepe P.; Nakabiito C.; Mkhize B.; Gati Mirembe B.; Taljaard M.; Baeten J.; Balkus J.; Hladik F.; Celum C.; Barnabas R. HPV increases HIV risk in African women: Advancing the argument for HPV immunization. *Journal of the International AIDS Society*. Conference: 11th IAS Conference on HIV Science. Virtual. 24(SUPPL 4) (no pagination), 2021. Date of Publication: July 2021.
  10. Stewart D.J.; Kutryk M.J.; Ly H.Q.; Glover C.A.; Dick A.; Connelly K.A.; Goodman S.G.; Leong-Poy H.; Carlin L.; Gaudet R.; Taljaard M.; Courtman D.W. Endothelial progenitor cells overexpressing endothelial nitric oxide synthase may improve infarct healing: results from the enhanced angiogenic cell therapy - acute myocardial infarction (ENACT-AMI) trial. *Cytotherapy*. Conference: 27th Annual ISCT Meeting. Virtual, Online. 23(5 Supplement) (pp S75), 2021. Date of Publication: May 2021.
  11. Wen S.W.; Miao Q.; Taljaard M.; Lougheed J.; Gaudet L.; Davies M.; Lanes A.; Leader A.; Walker M. Assisted reproductive technology, twin pregnancy, and risk of congenital heart defects. *Paediatric and Perinatal Epidemiology*. Conference: 33rd Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research. Virtual. 35(SUPPL 1) (pp 46-47), 2021. Date of Publication: June 2021.
  12. Thiruganasambandamoorthy V.; Mercier E.; McRae A.; Nemnom M.-J.; Rowe B.; Sivilotti M.L.; Taljaard M.; Yan J.W. Troponin for emergency department syncope: Derivation and validation of the Canadian syncope risk score ultra-low-risk criteria. *Academic Emergency Medicine*. Conference: Society for Academic Emergency Medicine Annual Meeting, SAEM 2021. Virtual. 28(SUPPL 1) (pp S22), 2021. Date of Publication: May 2021.
  13. Thiruganasambandamoorthy V.; Leafloor C.; Hegdekar M.; Huang P.; Mukarram M.; Ishimwe A.C.; Nemnom M.-J.; Taljaard M. Is high-sensitivity troponin better than conventional troponin for prognostication of emergency department patients with syncope?.

Academic Emergency Medicine. Conference: Society for Academic Emergency Medicine Annual Meeting, SAEM 2021. Virtual. 28(SUPPL 1) (pp S21), 2021. Date of Publication: May 2021.

## 2020

14. Nicola McCleary, Justin Presseau, Laura Desveaux, Holly Witteman, Catherine Reis, Stefanie Linklater, Monica Taljaard, Kednapa Thavorn, Jeremy Grimshaw, Noah Ivers. Audit and feedback to address prescribing of high-risk medications in long-term care: Theory-based process evaluation alongside a pragmatic, factorial, cluster-randomized trial. Proceedings from the 12<sup>th</sup> Annual Conference on the Science of Dissemination and Implementation. *Implementation Sci* 15, 25 (2020). <https://doi.org/10.1186/s13012-020-00985-1>
15. Larocque C., Lavin Venegas C., Dunn S., Campbell-Yeo M., Gilmore L., Graham I, Grimshaw J., Harrold J., Hu J., McArthur L, Modanloo S., Nicholls S., O’Flaherty P, Premji S., Reszel J., Semenic, Squires J, Stevens B., Taljaard M., Trépanier MJ, Venter K, Wilding J., Harrison D. Infant Pain: Barriers and Facilitators to Effectively Implementing Parent-Targeted Education. Canadian National Perinatal Research Meeting (CNPRM). Virtual conference. February 8-12, 2021.
16. Nakao S, Vaillancourt C, **Taljaard M**, Nemnom MJ, Woo MY, Stiell IG. Diagnostic Accuracy of Lung Point-of-Care Ultrasonography and Chest X-ray on Patients with Suspected Acute Heart Failure or Chronic Obstructive Pulmonary Disease Exacerbation in the Emergency Department. *J Ultrasound Med* 39(suppl):S1–S223, 2020 (Abstract) (accepted at AIUM 2020)
17. Ryan Iverson\*, Pranesh Chakraborty, **Monica Taljaard**, Michael Pugliese, Kylie Tingley, Doug Coyle, Jonathan B. Kronick, Kumanan Wilson, Valerie Austin, Catherine Brunel-Guitton, Daniela Buhas, Alicia K. J. Chan, Sarah Dyack, Annette Feigenbaum, Michael T. Geraghty, Sharan Goobie, Cheryl R. Greenberg, Shailly Jain Ghai, Michal Inbar-Feigenberg, Natalya Karp, Mariya Kozenko, Erica Langley, Matthew Lines, Julian Little, Jennifer MacKenzie, Bruno Maranda, Saadet Mercimek-Andrews, Aizeddin Mhanni, John J. Mitchell, Laura Nagy, Amy Pender, Murray Potter, Chitra Prasad, Suzanne Ratko, Ramona Salvarinova, Andreas Schulze, Komudi Siriwardena, Neal Sondheimer, Rebecca Sparkes, Sylvia Stockler-Ipsiroglu, Kendra Tapscott, Yannis Trakadis, Lesley Turner, Clara Van Karnebeek, Anthony Vandersteen, Jagdeep Walia, Brenda J. Wilson, Andrea C. Yu, and Beth K. Potter on behalf of the Canadian Inherited Metabolic Diseases Research Network. Assessing the value of metabolic chart data for capturing core outcomes for pediatric medium-chain acyl-CoA dehydrogenase (MCAD) deficiency. Oral presentation at the Canadian Association for Health Services and Policy Research Conference, May 26-28 in Saskatoon, SK, Canada.
18. Wen S, Miao Q, **Taljaard M**, Lougheed J, Gaudet L, Davies M, Lanes A, Leader A, Corsi DJ, Sprague AE, Walker M. Assisted reproductive technology, twin pregnancy, and risk of congenital heart defects. Oral presentation at the second international summit on Assisted Reproduction and Genetics, taking place May 24-26, 2020 Virtually.
19. Danko KJ\*, **Taljaard M**, Ivers NM, Moher D, Grimshaw JM. Development of an ICC database and imputation model facilitated meta-analysis of outcomes from cluster randomized trials. Accepted for an oral presentation at the 27<sup>th</sup> Cochrane Colloquium; Toronto, Canada June 2020

20. Riddle, AY\*, Li W\*, Vlassoff C, **Taljaard M**, Kristjansson E, Bhutta Z, Welch V and Wells GA Associations between adolescent girls' empowerment and their nutritional status in Ethiopia and Senegal. Micronutrient Forum 5<sup>th</sup> Global Conference, March 23-27, 2020, Bangkok, Thailand
21. Stiell I.G.; Sivilotti M.; Taljaard M.; Birnie D.; Vadeboncoeur A.; Hohl C.; McRae A.; Rowe B.H.; Brison R.J.; Thiruganasambandamoorthy V.; Macle L.; Borgundvaag B.; Morris J.; Mercier E.; Clement C.; Brinkhurst J.; Brown E.; Nemnom M.-J.; Wells G.A.; Perry J.J. Randomized, controlled comparison of electrical vs pharmacological cardioversion for atrial flutter in the emergency department. Academic Emergency Medicine. Conference: Annual Meeting of the Society for Academic Emergency Medicine, SAEM 2020. Denver, CO United States. 27(Supplement 1) (pp S59), 2020. Date of Publication: May 2020.
22. Stiell I.; Perry J.; Clement C.; Sibley S.; McRae A.; Rowe B.; Borgundvaag B.; McLeod S.; Mielniczuk L.; Dreyer J.; Yan J.; Brown E.; Brinkhurst J.; Nemnom M.; Taljaard M. Creation of a risk scoring system for emergency department patients with acute heart failure. Canadian Journal of Emergency Medicine. Conference: 2020 CAEP/ACMU. Ottawa, ON Canada. 22(Supplement 1) (pp S5), 2020. Date of Publication: May 2020.
23. Stiell I.G.; Eagles D.; Perry J.J.; Archambault P.; Thiruganasambandamoorthy V.; Parkash R.; Mercier E.; Morris J.; Godin D.; Davis P.; Clark G.; Gosselin S.; Mathieu B.; Pomerleau B.; Rhee S.; Kaban G.; Brown E.; Taljaard M. A cluster-randomized trial to increase rapid use of cardioversion for acute atrial fibrillation and flutter. Academic Emergency Medicine. Conference: Annual Meeting of the Society for Academic Emergency Medicine, SAEM 2020. Denver, CO United States. 27(Supplement 1) (pp S59), 2020. Date of Publication: May 2020.
24. Stiell, I.; Eagles, Debra; Perry, J.; Archambault, P.; Thiruganasambandamoorthy, Venkatesh; Parkash, R.; Mercier, Eric; Morris, Judy; Godin, D.; Davis, P.; Clark, G.; Gosselin, Sophie; Mathieu, B.; Pomerleau, B.; Rhee, S.; Kaban, G.; Brown, E.; **Taljaard, Monica**. (2020). LO04: Decreasing emergency department length of stay for patients with acute atrial fibrillation and flutter: a cluster-randomized trial. [*CJEM*. 22. S7-S8. 10.1017/cem.2020.60.]
25. Stiell, I.; Perry, J.; Clement, C.; Sibley, Stephanie; Mcrae, Andrew; Rowe, B.; Borgundvaag, Bjug; McLeod, S.; Mielniczuk, L.; Dreyer, J.; Yan, Justin; Brown, E.; Brinkhurst, J.; Nemnom, M.; **Taljaard, Monica**. (2020). PL01: Creation of a risk scoring system for emergency department patients with acute heart failure. [*CJEM*. 22. S5-S5. 10.1017/cem.2020.46.]
26. Stiell, I.; Sivilotti, Marco; **Taljaard, Monica**; Birnie, D.; Md, Alain; Hohl, Corinne; Mcrae, Andrew; Rowe, B.; Brison, Robert; Thiruganasambandamoorthy, Venkatesh; Macle, Laurent; Borgundvaag, Bjug; Morris, Judy; Mercier, Eric; Clement, C.; Brinkhurst, J.; Brown, E.; Nemnom, M.; Wells, G.; Perry, J.. (2020). LO08: A randomized, controlled comparison of electrical versus pharmacological cardioversion for emergency department patients with atrial flutter. [*CJEM*. 22. S9-S9. 10.1017/cem.2020.64.]
27. Stiell, I.; **Taljaard, Monica**; Forster, A.; Mielniczuk, L.; Wells, G.; Hebert, G.; Clark, H.; Clement, C.; Brinkhurst, J.; Sheehan, C.; Brown, E.; Nemnom, M.; Perry, J. (2020). LO14: Interdepartmental program to improve outcomes for acute heart failure patients seen in the emergency department. [*CJEM*. 22. S11-S12. 10.1017/cem.2020.70.]
28. Thiruganasambandamoorthy, Venkatesh; **Taljaard, Monica**; Hudek, N.; Brehaut, Jamie; Ghaedi, Bahareh; Nguyen, P.; Sivilotti, Marco; McRae, Andrew; Yan, Justin; Ohle, Robert; Fabian, C.; Le Sage, Natalie; Mercier, Eric; Hegdekar, M.; Huang, P.; Nemnom, M.; Krahn,

- A.; Archambault, P.; Presseau, Justin; Rowe, Brian. (2020). LO06: Development of practice recommendations for ED management of syncope by mixed methods. [*CJEM*. 22. S8-S9. 10.1017/cem.2020.62.]
29. Wong, Brenton; Perry, J.; Cheng, Wei; Zheng, B\*.; Guo, K.; **Taljaard, Monica**; Skanes, A.; Stiell, I. (2020). PL03: Thromboembolic events following cardioversion for acute atrial fibrillation and flutter: a systematic review and meta-analysis. [*CJEM*. 22. S5-S6. 10.1017/cem.2020.55.]
30. Goldstein C, Weijer C, **Taljaard M**. Is cluster randomization used to avoid obtaining patient informed consent? Oral presentation at the World Congress of Bioethics, held in Philadelphia Pennsylvania, June 19-21, 2020.
31. Thiruganasambandamoorthy V.; Taljaard M.; Hudek N.; Brehaut J.; Ghaedi B.; Nguyen I.; Sivilotti M.; McRae A.; Yan J.W.; Ohle R.; Fabian C.; Sage N.L.; Mercier E.; Hegdekar M.; Huang P.; Nemnom M.-J.; Krahn A.; Archambault P.; Presseau J.; Rowe B.H. Development of practice recommendations for emergency department management of syncope. Academic Emergency Medicine. Conference: Annual Meeting of the Society for Academic Emergency Medicine, SAEM 2020. Denver, CO United States. 27(Supplement 1) (pp S191), 2020. Date of Publication: May 2020.
32. Wong B.M.; Perry J.J.; Cheng W.; Zheng B.; Guo K.; Taljaard M.; Skanes A.; Stiell I.G. Thromboembolic events following cardioversion of acute atrial fibrillation: Systematic review and meta-analysis. Academic Emergency Medicine. Conference: Annual Meeting of the Society for Academic Emergency Medicine, SAEM 2020. Denver, CO United States. 27(Supplement 1) (pp S58), 2020. Date of Publication: May 2020.
33. Thiruganasambandamoorthy V.; Krishnan R.; Kwong K.; Krahn A.; Swampillai J.; Hazra S.; Sumner G.; Kuriachan V.; Toarta C.; Chaudry H.; Kim S.-M.; Mukarram M.; Sheldon R.; Taljaard M. Short-term outcomes among emergency department patients presenting with syncope and atrial fibrillation/ flutter. Academic Emergency Medicine. Conference: Annual Meeting of the Society for Academic Emergency Medicine, SAEM 2020. Denver, CO United States. 27(Supplement 1) (pp S57), 2020. Date of Publication: May 2020.

## 2019

34. Presseau, J., Li, A., Prakash, V., Grimshaw, J., Dunnett, A., Dixon, S., **Taljaard, M.**, Knoll, G., Mitchell, J., Garg, A.X. (Sept 2019). Promoting organ donation registration in family physician offices: A stepped-wedge cluster randomized registry trial. Oral presentation at European Health Psychology Society Conference, Dubrovnik, Croatia.
35. Clifford TJ, Pugliese M, Rahman A, Pallone N, Smith M, Stockler S, Chakraborty P, Hutton B, Tessier L, Tingley K, Chow A, Paik K, Tao J, Barbeau P, Garrity CM, Skidmore B, Coyle D, Duddy K, Dyack S, Geraghty M, Greenberg CR, Jain S, Karp N, Korngut L, Kronick J, MacKenzie A, Maranda B, Mitchell JJ, Nicholls SG, Offringa M, Potter M, Prasad C, Schulze A, Sparkes R, **Taljaard M**, Trakadis Y, Walia J, Potter BK. Core outcome sets for rare inherited metabolic diseases to support registry-based randomized trials: Systematic review findings. Conference: 7th Meeting of the COMET Initiative. Netherlands. [*Journal of Evidence-Based Medicine*. Supplement 1, pp 22, 2019]
36. Fernando S\*, Tran A\*, Cheng W, Rochweg B, **Taljaard M**, Kyeremanteng K, English S, Sekhon M, Griesdale D, Dowlatsahi D, Czosnyka M, McCredie V, Wijidicks E, Almenawer S, Inaba K, Rajajee V, Perry J. Diagnosis of elevated intracranial pressure in critically ill

- adults—a systematic review and meta-analysis. *Canadian Journal of Emergency Medicine* 2019; 21(S1): p. S44.
37. Fernando S.M.\*, Tran A.\*, Cheng W., Rochweg B., **Taljaard M.**, Kyeremanteng K., McIsaac D.I., Perry J.J. Pre-arrest and intra-arrest prognostic factors for survival to discharge in IN-hospital cardiac arrest—a systematic review and meta-analysis. *Canadian Journal of Anesthesia*. Conference: Critical Care Canada Forum, CCCF 2018. Canada. 66 (1 Supplement) (pp S94-S95), 2019.
  38. Fernando S.M.\*, Tran A.\*, Cheng W., Rochweg B., **Taljaard M.**, Thiruganasambandamoorthy V., Kyeremanteng K., Perry J.J. Prognostic accuracy of the heart score for prediction of major adverse cardiac events in patients presenting with chest pain—a systematic review and meta-analysis. *Canadian Journal of Anesthesia*. Conference: Critical Care Canada Forum, CCCF 2018. Canada. 66 (1 Supplement) (pp S105), 2019.
  39. Gershkovich, B; Weijer, C; **Taljaard, M**; Brehaut, J; McArdle, T; Schweitzer I; Cook, DJ; English, SW; Fergusson D; Forster A; Fox-Robichaud A; Graham ID; Hawken S; Iyengar A ; Kyeremanteng, K; Martin C; Marshall J; Maybee A; McDonald E; Menon K; McCartney C; Muscedere J; Saginur, R; Seely A; Thavorn K; McIntyre L. Physicians' Knowledge, Attitudes and Beliefs about a Hospital Wide Cluster Cross Over Pragmatic Fluid Administration Trial: An Electronic Survey. Poster presentation at the Critical Care Canada Forum, held in Toronto, November 2019.
  40. Gocan, S; Fitzpatrick, T\*; Wang, CQ; **Taljaard, M**; Cheng, W; Bourgoin, A; Dowlatshahi, D; Stotts, G; Shamy, M. Abstract TP393: Sex Differences in Neurologist Diagnosis of Transient Ischemic Attack in Association With Presenting Symptoms. *Stroke* 2019; 50 (Suppl 1): ATP393.
  41. Kendall C, Fitzgerald M, Rayner J, **Taljaard M**, Shoemaker E, Ponka D, Lofters A, Dahrouge S, Zygmunt A, Hsu A, Kiran T, Tanuseputro P, Bloch G. Do primary care outcomes in Ontario depend on who you are and where you live? Poster presentation at the 2019 NAPCRG Annual Meeting being held November 16-20 in Toronto.
  42. Kendall C, Kitagawa K, Bayoumi A, Bloch G, Boucher L, Dahrouge S, Fitzgerald M, Kiran T, Lofters A, Manuel D, Ponka D, Rayner J, **Taljaard M**, Hsu A, Shoemaker E, Zygmunt A, Thompson LH, Muggah E, Smith B, Mehta K, Prudhomme D, Tanuseputro P. Do primary care outcomes in Ontario depend on who you are and where you live? Quantitative intersectional analyses of big health care data. Poster presentation at the Alliance for Healthier Communities Conference, held in Toronto, June 2020.
  43. McArdle, T; McDonald, E; Weijer, C; **Taljaard, M**; Brehaut, J; Schweitzer I; Cook, D; English, S; Fergusson, D; Forster, A; Fox-Robichaud, A; Graham, ID; Hawken, S; Iyengar A ; Martin C; Marshall J; Maybee A; Menon K; McCartney C; Muscedere J; Saginur R; Seely A; Thavorn K; McIntyre L. A Survey of Nurses' Knowledge, Attitudes and Beliefs about a Hospital Wide Pragmatic Trial Evaluating Fluid Administration. Poster presentation at the Critical Care Canada Forum, held in Toronto, November 2019.
  44. Mestre T., Kessler D., Shen J., Basndwah A., Shinawi H., Nussey C., Ohman A., Kumar S., Cote D., Liddy C., Thavorn K., **Taljaard M.**, Grimes D. Pilot testing of the Integrated Parkinson's Disease care network: Feasibility, efficacy outcomes and cost description analysis. *Movement Disorder*. Conference: 2019 International Parkinson and Movement Disorder Society, MDS 2019. France. 34 (Supplement 2) (pp S292), 2019.
  45. Miller J, Catherine Donnelly, Kyle Vader, David Barber, Lynn Cooper, Simon French, Colleen Grady, Michael Green, Jonathan Hill, Joy MacDermid, Jacquelyn Marsh, Colleen



- McPhee, Kathleen Norman, Julie Richardson, **Monica Taljaard**, Kevin Varette, Jackie Whittaker, Timothy Wideman, Ashley Williams. Determining the impact of a new physiotherapist-led primary care model for low back pain: A pilot cluster randomized trial. Poster presentation at the Back and Neck Forum, held in Quebec City, July 2019
46. Nakao S.\*, Vaillancourt C., **Taljaard M.**, Nemnom M.-J., Woo M.Y., Stiell I.G., Bailitz J. Clinical impact of point-of-care ultrasonography in the emergency department. Conference: Society for Academic Emergency Medicine Annual Meeting, SAEM 2019, Las Vegas, NV, May, 2019. United States. [*Academic Emergency Medicine*.26 (Supplement 1) (pp S234-S235), 2019]
  47. Nicholls SG, Kelly Carroll, Jamie C. Brehaut, Merrick Zwarenstein, Spencer P. Hey, Charles Weijer, Jeremy M. Grimshaw, Dean A. Fergusson, **Monica Taljaard**. What ethical challenges do pragmatic trials pose for the oversight of human subjects' research? An interview study with key stakeholders. Poster and Oral presentation at the 2019 Advancing Ethical Research Conference (AER19), November 18-20 at the Hynes Convention Center in Boston, MA
  48. Michael Pugliese, Kylie Tingley, Andrea Chow, Nicole Pallone, Maureen Smith, Laure Tessier, Alvi Rahman, Pranesh Chakraborty, Michael T. Geraghty, Stuart G. Nicholls, Martin Offringa, Nancy Butcher, Julie Irwin, Ryan Iverson, Tammy J. Clifford, Sylvia Stockler, Brian Hutton, Karen Paik, Jessica Tao, Becky Skidmore, Doug Coyle, Kathleen Duddy, Sarah Dyack, Cheryl R. Greenberg, Shailly Jain, Natalya Karp, Lawrence Korngut, Jonathan Kronick, Alex MacKenzie, Jennifer MacKenzie, Bruno Maranda, John J. Mitchell, Murray Potter, Chitra Prasad, Andreas Schulze, Rebecca Sparkes, Monica Taljaard, Yannis Trakadis, Jagdeep Walia, Beth K. Potter and in collaboration with the Canadian Inherited Metabolic Diseases Research Network. Core outcome sets for two rare inherited metabolic diseases: Results from a systematic review and multi-stakeholder consensus process. Poster presentation at the CADTH Symposium held in Edmonton, Alberta, in April 2019.
  49. Reardon PM\*, Patrick S, **Taljaard M**, Thavorn K, Nemnom M, Mukarram M, Kim S, Le Gal G, Huang L\*, Thiruganasambandamoorthy V. Diagnostic Accuracy and Financial Implications of Age-Adjusted D-Dimer Strategies for the Diagnosis of Deep Venous Thrombosis in the Emergency Department. *J Emerg Med*. 2019 May;56(5):469-477. doi: 10.1016/j.jemermed.2019.01.027. Epub 2019 Mar 16.
  50. Riddle, AY\*, Li W\*, Vlassoff C, **Taljaard M**, Kristjansson E, Bhutta Z, Welch V and George A. Wells. Modelling the relationship between adolescent girls' empowerment and their nutritional status in Ethiopia and Senegal. Canadian Conference on Global Health, October 17-19, 2019, Ottawa, Canada. (Poster)
  51. Stiell I, J Perry, D Birnie, L Macle, A Vadeboncoeur, V Thiruganasambandamoorthy, B Borgundvaag, R Brison, C Hohl, A McRae, B Rowe, M Sivilotti, J Morris, E Mercier, C Clement, J Brinkhurst, **M Taljaard**, G Wells. A randomized, controlled comparison of electrical versus pharmacological cardioversion for emergency department patients with recent-onset atrial fibrillation. *CEJM* 2019; 21(S1), S5. Doi:10.1017/cem.2019.41
  52. Stiell I, McRae A, Rowe B, Dreyer J, Mielniczuk L, Borgundvaag B, Yan J, Sibley S, Nemnom M, Clement C, Brinkhurst J, Sheehan C, Perry J, **Taljaard M**. Development of the HEARTRISK6 Scale for emergency department patients with acute heart failure. *CJEM* 2019; 21(S1), S7-S7. Doi: 10.1017/cem.2019.45
  53. Stiell I.G., McRae A.D., Rowe B.H., Dreyer J., Mielniczuk L., Borgundvaag B., Yan J.W., Sibley S., Nemnom M.-J., Clement C., Brinkhurst J., Sheehan C., Perry J.J., **Taljaard M.**

Development of the HEARTRISK6 scale for emergency department patients with acute heart failure. *Academic Emergency Medicine*. Conference: Society for Academic Emergency Medicine Annual Meeting, SAEM 2019. United States. 26 (Supplement 1) (pp S35-S36), 2019. Date of Publication: May 2019.

54. Stiell I.G., Perry J.J., Birnie D., Macle L., Vadeboncoeur A., Thiruganasambandamoorthy V., Borgundvaag B., Brison R.J., Hohl C., McRae A.D., Rowe B.H., Sivilotti M.L.A., Morris J., Mercier E., Clement C., Brinkhurst J., **Taljaard M.**, Wells G.A., Toon W. A randomized controlled trial of drug vs electrical cardioversion for recent onset atrial fibrillation. *Academic Emergency Medicine*. Conference: Society for Academic Emergency Medicine Annual Meeting, SAEM 2019. United States. 26 (Supplement 1) (pp S22), 2019. Date of Publication: May 2019.
55. Tadrous M., Fung K., Desveaux L., Gomes T., **Taljaard M.**, Ivers N. Appropriate prescribing in nursing homes demonstration project: A pragmatic, cluster-randomized trial. *Pharmacoepidemiology and Drug Safety*. Conference: 35th International Conference on Pharmacoepidemiology and Therapeutic Risk Management. United States. 28 (Supplement 2) (pp 398), 2019. Date of Publication: August 2019.
56. Taha M., Kim Danovitch, Monica Taljaard, Dean Fergusson, Duncan J Stewart. Protocol and rationale for the Study of Angiogenic cell therapy for Progressive Pulmonary Hypertension: Intervention with Repeat dosing of eNOS-enhanced EPCs (SAPPHIRE). Presentation at the Pulmonary Vascular Research Institute Annual Meeting, held February 2019
57. Thiruganasambandamoorthy V., I Stiell, H Chaudry, M Mukarram, R Booth, C Toarta, G Hebert, R Beanlands, G Wells, M Nemnom, **M Taljaard**. Use of conventional cardiac troponin assay for diagnosis of non-ST-elevation myocardial infarction: The Ottawa Troponin Pathway. Oral presentation at CAEP, Halifax, May 26-29-17, 2019. *CJEM* 2019; 21(S1). S47. Doi:10.1017/cem.2019.149.
58. Thiruganasambandamoorthy V., Chaudry H., Stiell I.G., Mukarram M., Toarta C., Beanlands R.S., Nemnom M.-J., **Taljaard M.**, Miller C.D. Conventional troponin assay for non-ST-elevation myocardial infarction diagnosis. *Academic Emergency Medicine*. Oral presentation at the Society for Academic Emergency Medicine Annual Meeting, held Las Vegas May 14-17, 2019; SAEM 2019. (Supplement 1) (pp S12), 2019.

## 2018

59. Bhatt M, Johnson DW, **Taljaard M.** Association of preprocedural fasting with outcomes of emergency department sedation in children. *Amer Medical Association* 2018; 172(8): 787.
60. Clifford TJ, Pugliese M, Rahman A, Pallone N, Smith M, Stockler S, Chakraborty P, Hutton B, Tessier L, Tingley K, Chow A, Paik K, Tao J, Barbeau P, Garrity CM, Skidmore B, Coyle D, Duddy K, Dyack S, Geraghty M, Greenberg CR, Jain-Ghai S, Karp N, Korngut L, Kronick J, MacKenzie A, Maranda B, Mitchell JJ, Nicholls SG, Offringa M, Potter M, Prasad C, Schulze A, Sparkes R, **Taljaard M.**, Trakadis Y, Walia W, Potter BK and in collaboration with the Canadian Inherited Metabolic Diseases Research Network. Core outcome sets for rare inherited metabolic diseases to support registry-based randomized trials: rapid review findings. Poster presentation at the 7th COMET meeting, 15-16 November 2018 held in Rode Hoed, Amsterdam, The Netherlands
61. Dixon S, **Taljaard M.**, Hughes J. Analysis of the stepped wedge cluster randomized trial with small number of clusters: An empirical assessment of available methods for a binary outcome. Oral presentation at the “Current Developments in cluster randomised and stepped

wedge designs” annual meeting held at Queen Mary University of London, London, UK on 21-22 November 2018.

62. Dunn S, Reszel J, Sprague A, Graham I, Grimshaw J, Peterson W, Ockenden H, Wilding J, Desrosiers A, Darling L, Fell D, Harrold J, Lanes A, Smith G, **Taljaard M**, Weiss D, Walker M. Barriers and facilitators to use of a maternal newborn audit and feedback system in Ontario: A case study comparison. Children’s Hospital of Eastern Ontario (CHEO) Nursing Research Conference. Ottawa, Ontario. May 18, 2018. (poster presentation)
63. Dunn S, Reszel J, Sprague A, Graham I, Grimshaw J, Peterson W, Ockenden H, Wilding J, Desrosiers A, Darling L, Fell D, Harrold J, Lanes A, Smith G, **Taljaard M**, Weiss D, Walker M. Barriers and facilitators to use of a maternal newborn audit and feedback system in Ontario: A case study comparison. Canadian National Perinatal Research Meeting (CNPRM). Banff, Alberta. February 14-17, 2018. (poster presentation)
64. Fernando SM\*, Tran A\*, Cheng W, **Taljaard M**, Rochweg B, Kyeremanteng K, Seely AJE, Inaba K, Perry JJ. Necrotizing soft tissue infection: diagnostic accuracy of physical examination, imaging and LRINEC score a systematic review and meta-analysis. *Canadian Journal of Emergency Medicine*. 2018; 20:S1.
65. Fisher S\*, Hsu A, Mojaverian N, **Taljaard M**, Huyer G, Manuel DG, Tanuseputro P. Dementia Population Risk Tool (DemPoRT): Predictive Algorithm for Assessing Dementia Risk in the Community Setting, presented at the CAHSPR Annual conference held in Montreal, Quebec May 29-31, 2018.
66. Gocan S, Fitzpatrick T\*, Wang CQ, **Taljaard M**, Cheng W, Bourgoin A, Dowlatsahi D, Stotts G, Shamy M. A Transient Ischemic Attack In Sheep's Clothing: Unmasking Factors Associated With A Final Diagnosis Of TIA/Stroke. Oral presentation at the 11<sup>th</sup> World Stroke Congress held October 2018 in Montreal, Quebec. *International Journal of Stroke*. 13 (2 Supplement 1) (pp 63), 2018.
67. Gocan S, Fitzpatrick T\*, Want CQ, **Taljaard M**, Cheng W, Bourgoin A, Dowlatsahi D, Stotts G, Shamy M. Averting transient ischemic attack misdiagnosis: discriminating features from a retrospective chart review. Poster presented at the 11<sup>th</sup> World Stroke Congress held October 2018 in Montreal, Quebec. *International Journal of Stroke* 2018; 13, 77-77.
68. Gocan S, Fitzpatrick T\*, Want CQ, **Taljaard M**, Cheng W, Bourgoin A, Dowlatsahi D, Stotts G, Shamy M. Sex Differences in Neurologist Diagnosis of Transient Ischemic Attack in Association with Presenting Symptoms. Poster presentation at the International Stroke conference, February 6 - Friday, February 8, 2019 at the Hawaii Convention Center in Honolulu, HI.
69. Grimshaw JM, Ivers N, **Taljaard M**, Foy R, Francis JJ, Wolfenden L, Ramsay R, Clarkson JE. Implementation Laboratories: Embedding A/B Behavioural Trials in Routine Service Settings. Oral presentation at the International Behavioral Trials Network held May 2018, in Quebec, Canada.
70. Hemming K., Grimshaw J., **Taljaard M.**, Grayling M. Invited session 13-introducing the new consort extension for the stepped-wedge cluster randomised trial. Clinical Trials. Conference: 39th Annual Meeting Society for Clinical Trials, SCT 2018. United States. 15 (Supplement 2) (pp 47-48), 2018. Date of Publication: August 2018.
71. Hey S., Begg C., Renfro L., **Taljaard M.**, Weijer C. Invited session 4-informed consent and innovative trial designs. Clinical Trials. Conference: 39th Annual Meeting Society for Clinical Trials, SCT 2018. United States. 15 (Supplement 2) (pp 37-39), 2018. Date of Publication: August 2018.

72. Lam B\*, Chaudry H, Kim S, Nemnom M, Stiell IG, Herbert G, **Taljaard M**, Beanlands R, Wells GA, Booth R, Mukarram M, Thiruganasambandamoorthy V. Diagnostic utility of creatine kinase in the diagnosis and management of non-ST elevation myocardial infarction. *Canadian Journal of Emergency Medicine* 2018; 20:S1.
73. Lam J.-Y.B.\*, Chaudry H., Kim S.-M., Nemnom M.-J., Stiell I.G., Hebert G., **Taljaard M.**, Beanlands R., Wells G.A., Booth R., Mukarram M., Thiruganasambandamoorthy V. Diagnostic utility of creatine kinase in patients presenting to the emergency department with chest pain. *Academic Emergency Medicine*. Conference: 2018 Annual Meeting of the Society for Academic Emergency Medicine, SAEM 2018. United States. 25 (Supplement 1) (pp S225), 2018.
74. Lavin Venegas C\*, **Taljaard M**, Reszel J, Dunn S, Graham ID, Harrold J, Larocque C, Nicholls B, Nicholls S, O’Flaherty P, Squires J, Stevens B, Trépanier MJ, Harrison D. A parent-targeted and mediated video intervention to improve uptake of pain treatment for babies during newborn screening: A pilot randomized controlled trial (oral presentation). CHEO Nursing Research Conference, held on May 18, 2018 in Ottawa, Ontario.
75. Lavin Venegas C\*, **Taljaard M**, Reszel J, Harrison D. Barriers and facilitators to using pain treatment during newborn screening blood tests at a mother-baby unit (poster presentation). Canadian Pain Society’s (CPS) 39th Annual Scientific Meeting (ASM), held May 22-25, 2018 in Montreal, QC.
76. McCleary N, Pousseau J, Desveaux L, Witteman HO, Reis C, Linklater S, **Taljaard M**, Thavorn K, Grimshaw JM, Ivers NM. Audit and feedback to address prescribing of high-risk medications in long-term care: theory-based process evaluation alongside a pragmatic, factorial, cluster-randomized trial (poster presentation). International Behavioural Trials Network Conference, held May 24-26 2018 in Montréal, QC, Canada.
77. McCleary N, Pousseau J, Schwalm J-D, Witteman HO, **Taljaard M**, Desveaux L, Grace SL, Natarajan M, Grimshaw JM, Ivers NM (2018). Investigating behavioural mechanisms of Interventions Supporting Long-term Adherence and Decreasing cardiovascular events (ISLAND) (oral presentation). European Health Psychology Society Conference, held August 21-25, 2018 in Galway.
78. Mestre T., Kessler D., Cote D., Thavorn K., Liddy C., **Taljaard M.**, Grimes D. Preliminary evaluation of the Integrated Parkinson's Care Network (IPCN): An integrated care model for complex needs. *Movement Disorders*. Conference: 22nd International Congress of Parkinson's Disease and Movement Disorders, MDS 2018. Hong Kong. 33 (Supplement 2) (pp S478), 2018.
79. Rahman A, Pugliese M, Clifford TJ, Pallone N, Smith M, Stockler S, Chakraborty P, Hutton B, Tessier L, Tingley K, Paik K, Tao J, Barbeau P, Garrity CM, Skidmore B, Coyle D, Duddy K, Dyack S, Geraghty M, Greenberg CR, Jain S, Karp N, Korngut L, Kronick J, MacKenzie A, Maranda B, Mitchell JJ, Nicholls S, Offringa M, Potter M, Prasad C, Schulze A, Sparkes R, **Taljaard M**, Trakadis Y, Walia J, Potter BK and in collaboration with the Canadian Inherited Metabolic Diseases Research Network. Establishing core outcomes sets for phenylketonuria (PKU) and medium-chain Acyl-CoA dehydrogenase (MCAD) deficiency in children: Rapid review findings. Poster presentation at the 2018 Garrod Symposium held May 10-12, 2018, in Edmonton, Alberta.
80. Shamy M., Wang C.Q., Fitzpatrick T.\*, **Taljaard M.**, Bourgoin A., Dowlatsahi D., Stotts G., Gocan S. How experts diagnose TIA: In Vivo clinical decision-making model. *European*

- Stroke Journal*. Conference: 4th European Stroke Organisation Conference, ESOC 2018. Sweden. 3 (1 Supplement 1) (pp 225), 2018. Date of Publication: May 2018.
81. Shireman TI, Ogarek J, Gozalo P, Zhang T, Mor V, Davidson E, Han L, **Taljaard M**, Gravenstein S. Cost benefit of high-dose vs standard-dose influenza vaccine for a mild A/H1N1 predominant influenza season in a long-term care population. *Journal of the American Geriatrics Society*. 2018;66: S7.
  82. Shireman TI, Ogarek J, Gozalo P, Zhang T, Mor V, Davidson HE, Han L, **Taljaard M**, Gravenstein S. High vs Standard Dose Influenza Vaccine Cost Benefit in US Nursing Homes. Oral presentation at the 16th National Immunisation Conference 2018 held at the Adelaide Convention Centre from Tuesday 5 to Thursday 7 June 2018.
  83. Singh J., Dahroug S., **Taljaard M.**, Green M. Effects of a patient rostering model on continuity of care and coordination of specialized care. *Canadian Family Physician*. Conference: 2017 Family Medicine Forum. Canada. 64 (2 Supplement 1) (pp S109), 2018.
  84. Spruin S, Hsu A, Talarico R, Sequeira Y, **Taljaard M**, Bennett C, Tanuseputro P, Manuel D. Using Large Date to Present Uncertainty for Risk Prediction in the Era of Precision Medicine: The RESPECT Algorithm for Predicted Death at End-of-Life. *International Journal of Population Data Science* 2018; 3(4): DOI <https://doi.org/10.23889/ijpds.v3i4.642>
  85. Stacey D, **Taljaard M**, Breau R, Baba N, Blackmore T, Boland L, Carley M, Wu R, Smylie J, Légaré F. A Patient Decision Aid for Men with Localized Prostate Cancer: A Comparative Case Study of Natural Implementation Approaches (poster presentation). MASCC/ISOO 2018 Annual Meeting on Supportive Care in Cancer, held from June 28-30, 2018 in Vienna, Austria. *Supportive Care in Cancer* 26 (2 Supplement 1) (pp S331-S332), 2018.
  86. **Taljaard M.**, Grimshaw J., Weijer C., Hey S., Edwards S., Fergusson D., Giraudeau B. Invited session 16-developing a framework for the ethical design and conduct of pragmatic trials: Consultation with the clinical trials community. *Clinical Trials*. Conference: 39th Annual Meeting Society for Clinical Trials, SCT 2018. United States. 15 (Supplement 2) (pp 49-51), 2018.
  87. Thiruganasambandamoorthy V, Mukarram M, Sivilotti MLA, Yan J, Le Sage N, Huang P, Stiell I, Nemnom M, Wells GA, **Taljaard M**. Prospective multicenter validation of the Canadian syncope risk score. *Canadian Journal of Emergency Medicine*. 2018; 20:S1.
  88. Thiruganasambandamoorthy V., Mukarram M., Sivilotti M.L.A., Yan J.W., Sage N.L., Huang P., Stiell I.G., Nemnom M.-J., Wells G.A., **Taljaard M**. Prospective multicenter validation of the Canadian syncope risk score. *Academic Emergency Medicine*. Conference: 2018 Annual Meeting of the Society for Academic Emergency Medicine, SAEM 2018. United States. 25 (Supplement 1) (pp S10), 2018. Date of Publication: May 2018.
  89. Tran A, **Taljaard M**, Abdulaziz KE, Matar M, Lampron J, Steyerberg EW, Vaillancourt C. A Clinical Prediction Model for the Early Identification of the Need for Major Intervention in Patients with Traumatic Hemorrhage. Presentation at the Trauma 2018 Annual Scientific Meeting & Conference held in Toronto Ontario, Feb 22-23 2018.
  90. Vaisson, G., Witteman, H., Bouck, Z., Bravo, C.A. Desveaux, L., Llovet, D., Presseau, J., Saragosa, M., **Taljaard, M.**, Umar, S., Grimshaw, J.M., Tinmouth, J., Ivers, N.M. Testing Behaviour Change Techniques to Encourage Primary Care Physicians to Access Cancer Screening Audit and Feedback Reports: A 2x2x2 Factorial Randomized Experiment of Email Content. Poster presentation, Annual Meeting of the Society for Medical Decision Making. October 13-17, 2018. Montreal, QC, CANADA. (Presentation date Oct 13, 2018.).

91. Walwyn R., Grimshaw J., **Taljaard M.**, Smith S., Wason J., Farrin A. Invited session 6- designing trials within implementation laboratories. *Clinical Trials*. Conference: 39th Annual Meeting Society for Clinical Trials, SCT 2018. United States. 15 (Supplement 2) (pp 39-40), 2018. Date of Publication: August 2018.
92. Weiss D, Dunn S, Reszel J, Sprague AE, Fell DB, Grimshaw JM, Darling EK, Graham ID, Harrold J, Smith GN, Peterson WE, Lanes A, Walker M, **Taljaard M.** Factors associated with between-hospital differences in uptake of the Maternal Newborn Dashboard across Ontario. Canadian National Perinatal Research Meeting (CNPRM). Banff, Alberta. February 14-17, 2018. (oral presentation)
93. Weiss D, Reszel J, Sprague AE, Fell DB, Dunn S, Walker MC, Sidney D, **Taljaard M**, Peterson WE. Knowledge, workplace culture, and participant experiences associated with participation in the MORE<sup>OB</sup> program: a mixed-methods evaluation. Canadian Association of Perinatal and Women's Health Nurses (CAPWHN) Annual Clinical, Education, Research Conference. Ottawa, Ontario. October 11-13, 2018. [poster presentation]
94. Weiss D, Reszel J, Sprague AE, Fell DB, Dunn S, Walker MC, Sidney D, **Taljaard M**, Peterson WE. Knowledge, workplace culture, and participant experiences associated with participation in the MORE<sup>OB</sup> program: a mixed-methods evaluation. Canadian National Perinatal Research Meeting (CNPRM). Banff, Alberta. February 14-17, 2018. [poster presentation]
95. Zheng B\*, Kwok ESH, **Taljaard M**, Nemnom M, Stiell IG. Decision fatigue in emergency department: how does emergency physician decision making change over an eight-hour shift? Oral presentation at the *Canadian Journal of Emergency Medicine conference* held in Calgary, Alberta in May 2018. *Canadian Journal of Emergency Medicine* 2018; 20:S1

## 2017

96. Boet S., Bryson G., **Taljaard M.**, McIsaac D., Mohammed K., Grimshaw J., Canadian Perioperative Anesthesia Clinical Trials Group. Poster presentation at Euroanaesthesia 2017 held 3-5 June 2017, Geneva, Switzerland
97. Cook O\*, Mukarram MA, Kim S, Arcot K, **Taljaard M**, Sivilotti M, Rowe BH, Thiruganasambandamoorthy V. Application and usefulness of outpatient cardiac testing among emergency department patients with syncope. *Can J Emerg Med*. 2017 May; 19(S1): S28.
98. Cook O, Mukarram M, Kim S-M, Arcot K, **Taljaard M**, Sivilotti MLA, Rowe BH, Thiruganasambandamoorthy V. Application and Usefulness of Outpatient Cardiac Testing among Emergency Department Patients with Syncope. (abstract). Accepted for oral presentation at the Society for Academic Emergency Medicine (SAEM), Orlando, FL May 17, 2017. *Acad Emerg Med* 2017. 24; (Supplement 1) (pp S17), 2017.
99. Danko K\*, **Taljaard M**, Sullivan K, Ivers N, Grimshaw J. How pervasive are unit of analysis errors in cluster randomized trials? *A review of diabetes quality improvement RCTs*. Oral presentation at Cochrane Canada Symposium, held May 12, 2017 in Hamilton, ON
100. Dunn S, Reszel J, Sprague A, Graham I, Grimshaw J, Peterson W, Ockenden H, Wilding J, Desrosiers A, Darling L, Fell D, Harrold J, Lanes A, Smith G, **Taljaard M**, Weiss D, Walker M. Barriers and facilitators to use of a maternal newborn audit and feedback system in Ontario: A case study comparison. Health Quality Transformation 2017, held October 24, 2017 in Toronto, Ontario. (poster presentation)

101. Dunn S, Reszel J, Sprague A, Graham I, Grimshaw J, Peterson W, Ockenden H, Wilding J, Desrosiers A, Darling L, Fell D, Harrold J, Lanes A, Smith G, **Taljaard M**, Weiss D, Walker M. Use of a maternal newborn audit and feedback system in Ontario: A case study comparison. KT Canada Scientific Meeting. Quebec City, Quebec. June 15-16, 2017. (poster presentation)
102. Dunn S, Reszel J, Sprague A, Graham I, Peterson W, Ockenden H, Grimshaw J, Wilding J, Desrosiers A, Darling L, Fell D, Harrold J, Lanes A, Smith G, **Taljaard M**, Weiss D, Walker M. Use of a maternal newborn audit and feedback system in Ontario: A case study comparison. Canadian Association of Perinatal and Women's Health Nurses (CAPWHN) Annual Clinical, Education, Research Conference, held October 12-14, 2017 in Halifax, Nova Scotia (oral presentation)
103. Dunn S, Sprague A, Darling L, Graham I, Harrold J, Lanes A, Peterson W, Reszel J, **Taljaard M**, Truskoski C, Fell D, Grimshaw J, Smith G, Wilding J, Walker M. Organizational Readiness for Knowledge Translation (OR4KT) in Ontario maternal newborn hospitals: Results of a provincial survey. BORN Ontario 2017 Conference. Toronto, Ontario. April 24-25, 2017. (poster presentation)
104. Dunn S, Sprague A, Reszel J, Graham I, Grimshaw J, Peterson W, Ockenden H, Wilding J, Desrosiers A, Darling L, Fell D, Harrold J, Lanes A, Smith G, **Taljaard M**, Weiss D, Walker M. Use of a maternal newborn audit and feedback system in Ontario: A case study comparison. BORN Ontario 2017 Conference. Toronto, Ontario. April 24-25, 2017. (oral presentation)
105. Etherington N, Doering P, Adams T, Birze A, Baron J, Britton M, Brehaut J, Duffy M, Grantcharov T, Grimshaw J, Kitto S, Lortie K, McConnell M, Raiche I, Sun L, Singh S, **Taljaard M**, Tu J, Boet S. The role of gender in operating room teamwork: What does it mean for practice interventions and patient outcomes? (a work in progress). Poster presented at North American Gender Summit 11; November 7, 2017; Montreal, Quebec.
106. Fisher S\*, Mojaverian N, Hsu AT, **Taljaard M**, Manuel D, Tanuseputro P. Dementia Population Risk Tool (DemPoRT): Predictive algorithm for assessing dementia risk in the community setting. Canadian Association for Health Services and Policy Research (CAHSPR). Toronto, Ontario. May 2017.
107. Goldstein C., Horn A.R., **Taljaard M.**, Weijer C. Ethical issues in individual-cluster trials: Beyond the Ottawa statement. *Trials*. Conference: 4th International Clinical Trials Methodology Conference, ICTMC and the 38th Annual Meeting of the Society for Clinical Trials. United Kingdom. 18 (Supplement 1) (no pagination), 2017. Date of Publication: 2017.
108. Graham, N., Squires, J.E., Linklater, S., Grimshaw, J.M., Greenough, M., Chasse, M., **Taljaard, M.**, Shemie, S.D., Dhanani, S., & Knoll, G.A. Increasing organ donation rates after cardiocirculatory death in Canada: A national assessment of the barriers and enablers using a health behaviour change framework. (Abstract submitted 24 July 2017 for poster presentation). 10th Annual Conference on the Science of Dissemination and Implementation in Health. Washington, US, 4-6 December 2017.
109. Gravenstein S, Ogarek J, **Taljaard M**, Han L, Davidson H, Gozalo P, Mor V. Impact on Cardiorespiratory Outcomes of High vs Standard Dose Influenza Vaccine In US Nursing Homes. Poster presentation at the 21st IAGG World Congress of Gerontology and Geriatrics, held July 23-27, 2017 in San Francisco, California. *Innovation in Aging*. 2017 June 30; 1(suppl 1): 442-443.

110. Horn A., Goldstein C.E., **Taljaard M.**, Weijer C. An ethical analysis of the first trial: Addressing ethical challenges in pragmatic cluster randomized trials of policy interventions targeting healthcare providers. *Trials*. Conference: 4th International Clinical Trials Methodology Conference , ICTMC and the 38th Annual Meeting of the Society for Clinical Trials. United Kingdom. 18 (Supplement 1) (no pagination), 2017.
111. Hsu AT, Manuel D, **Taljaard M**, Spruin S, Bennett C, Chalifoux M, Costa A, Bronskill S, Kobewka D, Tanuseputro P. RESPECT, find out what it means to me: Algorithm for predicting death among older adults in the home care setting. Canadian Association for Health Services and Policy Research (CAHSPR). Toronto, Ontario. May 2017.
112. Ivers N, Desveaux L, Tinmouth J, Llovet D, Bravo C, Grimshaw J, Presseau J, **Taljaard M**, Witteman H, Vaisson G. Improving Cancer Outcomes by Optimizing the Impact of CCO's Screening Activity Report. Presentation at the second annual Cancer Care Ontario Research Day on April 19, 2017, Toronto, ON.
113. Ivers N; Caroline Bravo; Diego Llovet; Laura Desveaux; Marianne Saragosa; Holly Witteman; Gratianne Vaisson; Justin Presseau; **Monica Taljaard**; Jeremy Grimshaw; Jill Tinmouth. Testing a Behavioural Approach to Improving Cancer Screening through Increased Use of the CCO Screening Activity Report. Poster presentation at the second annual Cancer Care Ontario Research Day on April 19, 2017, Toronto, ON.
114. Kim S, Cook O\*, Yau L\*, Mukarram MA, Arcot K, Ishimwe A, Thavorn K, **Taljaard M**, Sivilotti M, Rowe BH, Thiruganasambandamoorthy V. Costs of emergency syncope care in Canada. *Can J Emerg Med*. 2017 May; 19(S1): S74.
115. Kim S-M, Cook O, Yau L\*, Mukarram M, Arcot K, Ishimwe A, Thavorn K, **Taljaard M**, Sivilotti MLA, Rowe BH, Thiruganasambandamoorthy V. Cost of Emergency Syncope Care. (abstract). Oral presentation at the Society for Academic Emergency Medicine (SAEM), Orlando, FL May 18, 2017. *Acad Emerg Med* 2017. 24 (Supplement 1) (pp S93), 2017.
116. Koszycki D, Jacques Bradwejn, **Monica Taljaard**, Cary Kogan, David Grimes. Interpersonal Psychotherapy for Depressed Parkinson's Disease Patients: An Open-Label Feasibility Trial. Oral presentation at the 7<sup>th</sup> Conference of the International Society of Interpersonal Psychotherapy (ISIPT). June 14-17 2017, Toronto Canada
117. Lavin Venegas C\*, **Taljaard M**, Reszel J, Dunn S, Graham ID, Harrold J, Larocque C, Nicholls B, Nicholls S, O'Flaherty P, Squires J, Stevens B, Trépanier MJ, Harrison D. A parent-targeted and mediated video intervention to improve uptake of pain treatment for babies during newborn screening: A pilot randomized controlled trial (invited oral presentation). 5th Annual Canadian National Perinatal Research Meeting (CNPRM). Banff, Alberta. February 15, 2017.
118. Mbuagbaw L, Theresa Aves, Beverley Shea, Janet Jull, Vivian Welch, **Monica Taljaard**, Regina Greer-Smith, George Wells, Peter Tugwell. Considerations in designing equity-relevant clinical trials. Poster Presentation at the 4th International Clinical Trials Methodology Conference , ICTMC and the 38th Annual Meeting of the Society for Clinical Trials held in Liverpool. United Kingdom. *Trials* 18 (Supplement 1) (no pagination), 2017.
119. McIsaac D, Bryson GL, **Taljaard M**, Boet S, Mohamed K, Grimshaw J. Benchmarked vs. ranked feedback on intraoperative temperature management: an RCT. *Anesthesia and Analgesia*. 2017 May 1; 124; 250.
120. Mukarram M, **Taljaard M**, Sivilotti MLA, Rowe BH, Arcot K, Krahn A, Wells GA, Thiruganasambandamoorthy V. Optimal Length of Monitoring of Emergency Department



- Patients with Syncope. (abstract). Oral presentation at the Society for Academic Emergency Medicine (SAEM), Orlando, FL May 17, 2017. *Acad Emerg Med* 2017. *Academic Emergency Medicine* 2017. 24 (Supplement 1) (pp S23), 2017.
121. Narula I\*, Manisha Kulkarni, **Monica Taljaard**. *Investigating trends in the emergence of Lyme disease in Eastern Ontario*. Oral presentation at the 2017 CSEB Conference in Banff, AB on May 30 - June 2, 2017.
  122. Reardon P\*, Patrick S, **Taljaard M**, Thavorn K, Mukarram MA, Kim S, Le Gal G, Thiruganasambandamoorthy V. Role of the age adjusted D-dimer in suspected deep venous thrombosis. *Can J Emerg Med*. 2017 May; 19(S1): S29.
  123. Reardon P\*, Thiruganasambandamoorthy V, Patrick S, **Taljaard M**, Thavorn K, Le Gal G, Booth R. Role of the age adjusted D-dimer in suspected deep venous thrombosis: A health records review and performance analysis. (abstract). Oral presentation at the Society for Academic Emergency Medicine (SAEM), Orlando, FL May 18, 2017. *Acad Emerg Med* 2017. 24 (Supplement 1) (pp S79), 2017.
  124. Tadrous M, Kinwah Fung, Laura Desveaux, **Monica Taljaard**, Tara Gomes, Noah Ivers. Use of Health Administrative Claims Data in a Pragmatic Clinical Trial of Academic Detailing to Improve Prescribing. Poster presentation at ISPE's 33rd International Conference on Pharmacoepidemiology and Therapeutic Risk Management (ICPE 2017), held August 26-30, 2017, at the Palais des congrès de Montréal, Montreal, Canada. *Pharmacoepidemiology and Drug Safety*. 26 (Supplement 2) (pp 430-431), 2017.
  125. Thiruganasambandamoorthy V, Sivilotti M, Mukarram MA, Leafloor C, Arcot K, Wells GA, Rowe BH, Krahn A, Huang L\*, **Taljaard M**. Optimal length of observation for emergency department patients with syncope: a time to event analysis. *Can J Emerg Med*. 2017 May; 19(S1): S62.
  126. Tsampalieros A\*, Dean Fergusson, Carl van Walraven, **Monica Taljaard**, Greg Knoll. Center variation in graft and patient survival rates post kidney transplantation across Ontario is not explained by patient case mix, center volume or provider characteristics. Poster Presentation at the Joint Scientific Meeting of the Canadian Society of Transplantation, held Sept 26-29, 2017 in Halifax, Nova Scotia.
  127. Vaisson, G., Witteman, H., Bouck, Z., A. Bravo, C., Desveaux, L., Llovet, D., Presseau, J., Saragosa, M., **Taljaard, M.**, Umar, S., Saragosa, M., Grimshaw, J., Tinmouth, J., Ivers, N. Testing Behavior Change Techniques to improve use of primary care cancer screening reports in Ontario: A pragmatic, factorial randomized trial. Poster presentation, Annual Meeting of the North American Primary Care Research Group, held November 17-21, 2017 in Montreal, QC, Canada.
  128. Weiss D (on behalf of MORE<sup>OB</sup> study team). Assessment of the MORE<sup>OB</sup> program: methods and preliminary results. Canadian Perinatal Programs Coalition (CPPC). Ottawa, Ontario. June 18, 2017. [oral presentation, invited].
  129. Weiss D, Deshayne Fell, Ann Sprague, Mark Walker, **Monica Taljaard**. Evaluation of a non-randomized obstetrical patient safety program: methods and considerations. Poster presentation at the Society for Epidemiologic Research 50<sup>th</sup> Annual Meeting held June 2017, Seattle, USA
  130. Weiss D, Dunn S, Sprague A, Fell D, Grimshaw J, Darling L, Graham I, Harrold J, Smith G, Peterson W, Reszel J, Lanes A, Walker M, **Taljaard M**. The effect of an electronic audit and feedback system on six key performance indicators in Ontario: The BORN Maternal

Newborn Dashboard. Health Quality Transformation 2017. Toronto, Ontario. October 24, 2017. (poster presentation)

131. Weiss D, Dunn S, Sprague A, **Taljaard M**, Fell D, Lanes A, Reszel J, Peterson W, Graham I, Grimshaw J, Darling L, Harrold J, Ockenden H, Desrosiers A, Smith G, Walker M. The effect of an electronic audit and feedback system on six key performance indicators in Ontario: The BORN Maternal Newborn Dashboard. KT Canada Scientific Meeting. Quebec City, Quebec. June 15-16, 2017. (oral presentation)
132. Weiss D, Dunn S, Sprague A, **Taljaard M**, Fell D, Lanes A, Reszel J, Peterson W, Graham I, Grimshaw J, Darling L, Harrold J, Ockenden H, Desrosiers A, Smith G, Walker M. The effect of an electronic audit and feedback system on six key performance indicators in Ontario: The BORN Maternal Newborn Dashboard. Canadian National Perinatal Research Meeting (CNPRM). Montebello, Quebec. February 14-17, 2017.
133. Weiss D, Fell D, Sprague A, Walker **M**, **Taljaard M**. Evaluation of a non-randomized obstetrical patient safety program: methods and considerations. Poster presentation at the Canadian National Perinatal Research Meeting (CNPRM), held at the Fairmont Chateau Montebello in Montebello, Quebec, Canada, February 14th to 17th, 2017.
134. Yang H, Geoff Dervin, Susan Madden, Beaulé Paul, Sylvain Gagne, Ashraf Fayad, Kathryn Wheeler, Melody Afagh, Mary Lou Crossan, **Monica Taljaard**. Postop Home Monitoring (POHM) after Knee & Hip Replacements. Oral presentation at the Canadian Anesthesiologists' Society annual meeting held June 23 – 26, 2017 at the Scotiabank Convention Centre Niagara Falls, ON. *Canadian Journal of Anesthesia*: 2017; 64 (1 Supplement 1) (pp S68-S69), 2017.
135. Yau L\*, Mukarram M, Kim S-M, Arcot K, Thavorn K, **Taljaard M**, Rowe BH, Sivilotti MLA, Thiruganasambandamoorthy V. Identification of High-Risk Factors Associated with 30-Day Serious Adverse Events among Syncope Patients transported to the Emergency Department by Emergency Medical Services. (abstract). Oral presentation at the Society for Academic Emergency Medicine (SAEM), Orlando, FL May 18, 2017. *Acad Emerg Med* 2017. *Academic Emergency Medicine*. 24 (Supplement 1) (pp S122-S123), 2017.
136. Yau L\*, Mukarram MA, Kim S, Arcot K, Thavorn K, **Taljaard M**, Sivilotti M, Rowe BH, Thiruganasambandamoorthy V. Identification of high risk factors associated with 30 day serious adverse events among syncope patients transported to the emergency department by emergency medical services . *Can J Emerg Med*. 2017 May; 19(S1): S38.

## 2016

137. Alan Girling, Monica Taljaard. A flexible modelling of the time trend for the analysis of stepped wedge trials: results of a simulation study. Proceedings of the First International Conference on Stepped Wedge Trial Design. *Trials* **17**, 311 (2016). <https://doi.org/10.1186/s13063-016-1436-8>
138. Karla Hemming, Monica Taljaard, Andrew Forbes. Analysis of the cross-sectional stepped wedge cluster randomised trial Proceedings of the First International Conference on Stepped Wedge Trial Design. *Trials* **17**, 311 (2016). <https://doi.org/10.1186/s13063-016-1436-8>
139. Cook O, Mukarram M, Kim S-M, Arcot K, **Taljaard M**, Sivilotti MLA, Rowe BH, Thiruganasambandamoorthy V. Application and Usefulness of Outpatient Cardiac Testing among Emergency Department Patients with Syncope. Presented at Cardiac Arrhythmia

Network of Canada (CANet) Annual Scientific Meeting, Calgary, Alberta, Canada  
September 2016.

140. Cook O.\*, Mukarram M.A., Rahman M., Kim S., Arcot K., Thavorn K., **Taljaard M.**, Sivilotti M., Rowe B.H., Thiruganasambandamoorthy V. Reasons for referral and hospitalization among emergency department patients with syncope. *Canadian Journal of Emergency Medicine*. Conference: 2016 CAEP/ACMU. Canada. 18 (Supplement 1) (pp S74), 2016.
141. Dahrouge S, Chiocchio F, Gauthier A P, Presseau J, Lemonde M, **Taljaard M**, Kendall C, Toal-Sullivan D, Timony P, Prud'homme D, Chomienne MH. Access to Resources in the Community – The ARC Project. Navigation Optimize access to community services for Francophones living in minority situations. OSSU MOHLTC Research Day. Toronto, Ontario. November 30 2016 (Oral and Poster)
142. Dahrouge S, Chiocchio F, Gauthier A P, Presseau J, Lemonde M, **Taljaard M**, Kendall C, Prud'homme D, Chomienne MH. Patient Navigation to Support Equitable Access to Resources in the Community. Bruyère Research Institute and the University of Ottawa's Department of Family Medicine, Life-Changing Research, Research Day. Ottawa, ON. November 24, 2016. (Poster)
143. Dahrouge S, Chiocchio F, Gauthier A, Presseau J, Lemonde M, **Taljaard M**, Rolfe DE, Toal-Sullivan D, Bédard D, Prud'homme D. (2016). *Local Innovations from the IMPACT Program of Research: Patient navigation in primary care to support Access to Resources in the Community (ARC Project)*. Poster Presentation. North American Primary Care Research Group (NAPCRG). USA: Colorado Springs. November 12-16 2016.
144. Dunn S, Sprague A, Darling L, Graham ID, Harrold J, Lanes A, Peterson W, Reszel J, **Taljaard M**, Truskoski C, Fell D, Grimshaw J, Smith G, Wilding J, Walker M. Organizational Readiness for Knowledge Translation (OR4KT) in Ontario Maternal Newborn Hospitals: Results of a Provincial Survey. Poster presentation at the *KT Canada Annual Scientific Meeting* held June 13-14, 2016 in Toronto, Ontario, Canada
145. Dunn S, Sprague A, Darling L, Graham ID, Harrold J, Lanes A, Peterson W, Reszel J, **Taljaard M**, Truskoski C, Fell D, Grimshaw J, Smith G, Wilding J, Walker M. Perceptions and use of an audit and feedback system: A survey of maternal newborn units in Ontario. Poster presentation at the *KT Canada Annual Scientific Meeting*, held June 13-14, 2016 in Toronto, Ontario, Canada.
146. Goldstein C, **Taljaard M**, Weijer C. The ethics of pragmatic randomized controlled trials in comparative effectiveness research. Oral presentation at the 37<sup>th</sup> Annual Meeting of the Society for Clinical Trials, May 15-18, 2016 in Montreal, Quebec, Canada.
147. Gravenstein S, Davidson HE, **Taljaard M**, Ogarek J, Han L, Dahal R, Gozalo P, Mor V. Effectiveness of High-Dose Influenza Vaccination on Hospitalizations of Older Adults in US Nursing Homes: Results. from a Cluster-Randomized Controlled Trial. *Open Forum Infectious Diseases* 2016; 3 (suppl 1), 1345
148. Gravenstein S, **Taljaard M**, Gozalo P, Dahal R, Davidson HE, Han L, Ogarek J, Mor V. Relative Effect of High-Dose Influenza Vaccination on Hospitalizations of Older Adults in United States Nursing Homes: Results From a Cluster-Randomized Controlled Trial. *Open Forum Infect Dis*. 2016 Dec 9;2(Suppl 1). pii: LB-8.
149. Harrison D, Dunn S, Campbell-Yeo M, Gilmore L, Graham I, Grimshaw J, Harrold J, Larocque C, McCullough L, Nicholls S, O'Flaherty P, Premji S, Reszel J, Semenic S, Squires J, Stevens B, **Taljaard M**, Trépanier MJ, Venter K, Nicholls B, Zhou Y, Hu J, Lavin

- C\*, Modanloo S. A cluster randomized controlled trial in Ontario hospitals providing maternal/newborn care to determine effectiveness of a parent-targeted educational video for improving newborn pain treatment (invited poster presentation). Ontario SPOR SUPPORT Unit (OSSU) Research Day. Toronto, Ontario. November 30, 2016.
150. Hemming K, Lilford R, Girling A, **Taljaard M**. The stepped wedge cluster randomised trial: an opportunity to increase the quality of evaluations of service delivery and public policy interventions. *BMC Health Services Research* 2016,16(Suppl 1):S10
  151. Hemming K, **Taljaard M**, Forbes A. Modelling differential clustering and treatment effect heterogeneity in parallel and stepped wedge cluster randomised trials. Oral presentation at the 37<sup>th</sup> Annual Meeting of the Society for Clinical Trials, May 15-18, 2016 in Montreal, Quebec, Canada.
  152. Hemming K, **Taljaard M**. Establishing an upper bound on the optimal cluster size in cluster randomised trials with a limited number of clusters. Oral presentation at the 37<sup>th</sup> Annual Meeting of the Society for Clinical Trials, May 15-18, 2016 in Montreal, Quebec, Canada.
  153. Horn A, **Taljaard M**, Weijer C. An ethical analysis of the SUPPORT study: Addressing challenges posed by a randomized controlled trial comparing standard treatments. Oral presentation at the 2016 CBS Annual Conference held in Toronto, Ontario, in May 2016
  154. Hsu AT, Manuel DG, **Taljaard M**, Chalifoux M, Bennett C, Costa A, Bronskill SE, Kobewka D, Tanuseputro P. Improving end-of-life care in the community using the RESPCT On-Line prognostication tool. Poster presentation at the Annual North American Primary Care Research Group meeting, held November 2016 in Colorado Springs, Colorado.
  155. Kaufman R.M., Stanworth S., **Taljaard M.**, Yazer M.H., Reeves C., Delaney M., Jackups R., Li Y., Cohn C.S., Tinmouth A. Trial of feedback on blood use. *Transfusion*. Conference: AABB Annual Meeting 2016. Orlando, FL, United States. 56 (Supplement 4) (pp 30A), 2016.
  156. Kendall CE\*, **Monica Taljaard**, Jaime Younger, William Hogg, Richard H. Glazier, Douglas G. Manuel. A population-based study evaluating the impact of physician specialty and physician HIV experience on the delivery of care for people living with HIV in Ontario. Oral presentation at the 25th Annual Canadian Conference on HIV/AIDS Research (CAHR 2016), held May 12 - 15, 2016 in Winnipeg, Manitoba.
  157. Kim S-M, Cook O, Yau L\*, Mukarram M, Arcot K, Ishimwe A, Thavorn K, **Taljaard M**, Sivilotti MLA, Rowe BH, Thiruganasambandamoorthy V. Costs of Emergency Syncope Care in Canada. (Abstract). Presented at Cardiac Arrhythmia Network of Canada (CANet) Annual Scientific Meeting, Calgary, Alberta, Canada September 2016.\*Winner of 2<sup>nd</sup> Place (Clinical Research Category)\*
  158. Lofters A, Mark A, **Taljaard M**, Glazier R, Green M, Dahrouge S. The Effects of Primary Care Reform on Inequalities in Cancer Screening: A Population-Based Longitudinal Study in Ontario, Canada. Poster presentation at the 9th annual meeting of the Cancer and Primary Care Research International Network held in Boston, MA in May 2016.
  159. Lofters A, Mark A, **Taljaard M**, Glazier R, Green M, Dahrouge S. The Effects of Primary Care Reform on Inequalities in Cancer Screening: A Population-Based Longitudinal Study in Ontario, Canada. Poster presentation at the 2016 CAHSPR Conference held in Toronto, ON in May 2016.
  160. Parra-Herran C, **Taljaard M**, Djordjevic B, Reyes C, Schwartz L, Schoolmeester J, Lastra RR, Quick C, Laury A, Rasty G, Nucci MR, Howitt BE. Pattern Based Classification

- of Invasive Endocervical Adenocarcinoma, Depth of Invasion Measurement and Distinction from Adenocarcinoma In Situ: Interobserver Variation among Academic Gynecologic Pathologists. *Laboratory Investigation* 96 (2016): 302A
161. Ronksley PE, Liu EY, Kobewka D, McKay J; Mulpuru S, **Taljaard M**, Li L, Forster AJ. Variations in resource intensity and cost among high users of the emergency department. *Acad Emerg Med* 2016;23
  162. Squires, J.E., Linklater, S., Greenough, M., Knoll, G.A., Chasse, M., **Taljaard, M.**, Dhanani, S.D., Shemie, S., & Grimshaw, J.M. Using Knowledge Translation to Increase the Use of Organ Donation after Cardiocirculatory Death in Canada: Phase 1 - A National Assessment of the Barriers and Enablers. Poster presentation at the KT Canada Annual Scientific Meeting held June 2016 in Toronto ON, Canada
  163. **Taljaard M**, Lilford R, Girling A, Hemming K. The stepped wedge cluster randomised trial: an opportunity to increase the quality of evaluations of service delivery and public policy interventions. *Trials* 2016 (Suppl 2), P4
  164. 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. Oral Presentation at SAEM16 in New Orleans, May 10-13, 2016. [*Acad Emerg Med* 2016;23:S38]
  165. Thiruganasambandamoorthy V.A., Kwong K.\*, Stiell I.G., Toarta C., Mukarram M., **Taljaard M.**, Wells G.A., Sheldon R.S. Short-term risk of arrhythmias among emergency department syncope patients with atrial fibrillation. Oral Presentation at SAEM16 in New Orleans, May 10-13, 2016 [*Academic Emergency Medicine*. 23 (SUPPL. 1) (pp S38), 2016
  166. Thiruganasambandamoorthy V, Cook OG, Mukarram M, Rahman OM, Arcot K, Thavorn K, Rowe BH, Sivilotti MLA. Reasons for Referral and Hospitalization Among Emergency Department Patients with Syncope. Oral presentation at CAEP 2016, June 4-8 Quebec City
  167. 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.
  168. Thiruganasambandamoorthy V., Mukarram M.A., Arcot K., Kwong K.\*, Sivilotti M., Rowe B.H., McRae A., Stiell I.G., **Taljaard M.**, Wells G.A. Predicting short-term risk of arrhythmia among patients with syncope: The Canadian Syncope Arrhythmia Risk Score. *Canadian Journal of Emergency Medicine*. Conference: 2016 CAEP/ACMU. Canada. 18 (Supplement 1) (pp S65), 2016.
  169. Thiruganasambandamoorthy V, Sivilotti MLA, Rowe BH, Mukarram M, Arcot K, Kwong K\*, McRae A, Stiell IG, Wells GA, **Taljaard M**. Predicting Short-Term Risk of Arrhythmia among Patients with Syncope: The Canadian Syncope Arrhythmia Risk Score. (Abstract). Presented at Cardiac Arrhythmia Network of Canada (CANet) Annual Scientific Meeting, Calgary, Alberta, Canada September 2016.
  170. Toarta C\*, Kwong K\*, Stiell IG, Mukarram M, **Taljaard M**, Wells GA, Sheldon RS. Thiruganasambandamoorthy V. Short-Term Risk of Arrhythmias among Emergency Department Syncope Patients with Atrial Fibrillation. *Acad Emerg Med* 2016. Oral

presentation at the Society for Academic Emergency Medicine (SAEM), New Orleans, LA May 2016.

171. Toarta C\*, Kwong K\*, Stiell IG, Mukarram M, **Taljaard M**, Wells GA, Sheldon RS, Thiruganasambandamoorthy V. Short-Term Risk of Arrhythmias among Emergency Department Syncope Patients with Atrial Fibrillation (Resident Research Abstract Award) Presented at the Canadian Association of Emergency Physicians (CAEP) Annual Scientific Meeting, Quebec City, QC, Canada. June 2016. [*Canadian Journal of Emergency Medicine*. Conference: 2016 CAEP/ACMU. Canada. 18 (Supplement 1) (pp S31), 2016]
172. Truskoski C, Peterson W, Reszel J, Sprague A, Graham I, Grimshaw J, Fell D, Darling L, Harrold J, Smith G, **Taljaard M**, Graves E, Lanes A, Walker M, Dunn S. Use of an electronic audit and feedback system in Ontario: The BORN Maternal Newborn Dashboard. Poster presentation at the Canadian National Perinatal Research Meeting (CNPRM 2016). Banff, Alberta. February 10-13, 2016.
173. Wilson BJ, Catley CA\*, Little J, Nicholls SG, Carroll JC, Etchegary H, **Taljaard M**, on behalf of the CIHR Emerging Team in Genomics in Screening. Genomics and personalized medicine in primary care: a professional engagement study using theory-informed approaches. 13<sup>th</sup> International Congress of Human Genetics (ICHG), Kyoto, Japan, April 3-7, 2016
174. Yang H, Dervin G, Madden S, Beaulé P, Gagné S, Fayad A, Wheeler K, Afagh M, **Taljaard M**. Postop Home Monitoring (POHM) after Knee & Hip Replacements. Poster presentation. The Innovation Fund Provincial Oversight Committee Showcase, held Thursday November 17, 2016 at the Metro Toronto Convention Centre. (Award winner)
175. Yau L\*, Mukarram M, Kim S-M, Arcot K, Ishimwe A, Sivilotti MLA, Rowe BH, Thavorn K, **Taljaard M**, Thiruganasambandamoorthy V. Identification of Risk factors in the Pre-hospital Setting for Short Term Severe Adverse Events among Syncope Patients. (Abstract). Presented at Cardiac Arrhythmia Network of Canada (CANet) Annual Scientific Meeting, Calgary, AB, Canada. September 2016
176. Yau L.\*, Mukarram M.A., Kim S., Arcot K., Thavorn K., **Taljaard M.**, Sivilotti M., Rowe B.H., Thiruganasambandamoorthy V. Outcomes and resource utilization among syncope patients transported by emergency medical services. *Canadian Journal of Emergency Medicine*. Conference: 2016 CAEP/ACMU. Canada. 18 (Supplement 1) (pp S58-S59), 2016.

#### 2015:

177. Karla Hemming, Richard Lilford, Alan Girling, Monica Taljaard. The stepped wedge cluster randomised trial: an opportunity to increase the quality of evaluations of service delivery and public policy interventions. Researching Complex Interventions in Health: The State of the Art. *BMC Health Serv Res* **16**, 101 (2016). <https://doi.org/10.1186/s12913-016-1274-0>
178. Dahrouge S, Muldoon L, Heale R, Green M, Tranmer J, Howard M, Mark A, **Taljaard M**, Brown J, Johnston S, Agarwal G. Creating Meaningful Composite Scores for Primary Care. Oral presentation at the North American Primary Care Research Group (NAPCRG) Annual Meeting held October 2015, in Cancun, Mexico.

179. Deri Armstrong C, Liddy C, Dahrouge S, Hogg W, **Taljaard M**, Drosinis P, Mark A.E. Evaluating the Effectiveness of a Primary Care Quality Improvement Facilitation Initiative. Poster presentation at Trillium Research Day held on June 4th, 2015 in Toronto, Ontario.
180. Dunn S, Peterson W, Rohde K, Sprague A, Graham I, Grimshaw J, Fell D, Darling L, Harrold J, Smith G, **Taljaard M**, Graves E, Lanes A, Walker M. Barriers and Facilitators to Use of an Electronic Audit and Feedback System in Ontario: The BORN Maternal Newborn Dashboard. Poster presentation at the annual KT Canada Scientific Meeting, May 11-12, 2015 in Halifax, NS.
181. Gravenstein S, Dahal R, Gozalo PL, **Taljaard M**, Davidson HE, Han LF, Ogarek J, Mor V. High-Dose Influenza Vaccination and Morbidity and Mortality in U.S. Nursing Homes: A Pilot Cluster Randomized Controlled Trial. Poster presentation at the annual meeting of the Infectious Diseases Society of America, held October 7-11, 2015 in San Diego, CA. [*Open Forum Infectious Diseases* 2015; Vol 2 Suppl 1: 543]
182. Gravenstein S, **Taljaard M**, Gozalo P, Dahal R, Davidson HE, Han LF, Ogarek J, Mor V. Relative Effect of High-Dose Influenza Vaccination on Hospitalizations of Older Adults in U.S. Nursing Homes: Results from a Cluster-Randomized Controlled Trial. Oral presentation at the annual meeting of the Infectious Diseases Society of America, held October 7-11, 2015 in San Diego, CA.
183. Hemming K, **Taljaard M**. Setting straight the sample size determination for stepped wedge and cluster randomised trials: design effects and illustrative examples. Oral presentation at the Society for Clinical Trials meeting held May17-20, 2015 in Arlington, Virginia, USA.
184. Hemming Karla, **Taljaard Monica**. Setting straight the sample size determination for stepped wedge and cluster randomised trials. Oral presentation at the 36<sup>th</sup> Annual Conference of the International Society for Clinical Biostatistics (ISCB2015), held August 23-27, 2015 in Utrecht, The Netherlands.
185. Kendall C\*, Manuel D, Younger J, Hogg W, Glazier, **Taljaard M**. A population-based study evaluating the impact of family physician HIV experience on the delivery of care for persons living with HIV in Ontario. Oral presentation at the North American Primary Care Research Group (NAPCRG) Annual Meeting held October 2015, in Cancun, Mexico.
186. Kendall C.\*, Younger J., **Taljaard M.**, Hogg W., Glazier R.H., Manuel D.G. Defining a typology of the specialist Primary care interface using administrative data. *Canadian Family Physician*. Conference: Family Medicine Forum, FMF 2014. Canada. 61 (2 Supplement 1) (pp S38), 2015.
187. Koszycki D, Thake J, Mavounza C, Daoust J, **Taljaard M**, Bradwejn J. Efficacy of a Mindfulness-based Intervention for Social Anxiety Disorder that Integrates Compassion Meditation and Mindful Exposure. Poster presentation at the American Psychiatric Association annual meeting held in 16-20 May, 2015 in Toronto.
188. Liu EY, Forster A, Kobewka D, McKay J, Mulpuru S, **Taljaard M**, Li L, Ronksley P. (2015) "Characterizing High-Intensity Use of the Emergency Department in a Tertiary-Care Centre" Presentation at the Canadian Society for Epidemiology and Biostatistics Conference in Toronto, June 2015.
189. Martin J, Hemming K, **Taljaard M**, Girling A. Reporting and methodological quality of sample size calculations in stepped-wedge cluster randomised trials: a methodological review. Poster presentation at the 36<sup>th</sup> Annual Conference of the International Society for Clinical Biostatistics (ISCB2015), held August 23-27, 2015 in Utrecht, The Netherlands.

190. McColl T\*, Gatiem 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]
191. Parra-Herran C, **Taljaard M**, Djordjevic B, Reyes C, Schwartz L, Schoolmeester J, Lastra RR, Quick C, Laury A, Rasty G, Nucci MR, Howitt BE. Pattern Based Classification of Invasive Endocervical Adenocarcinoma, Depth of Invasion Measurement and Distinction from Adenocarcinoma In Situ: Interobserver Variation among Academic Gynecologic Pathologists Oral presentation at the United States & Canadian Academy of Pathology (USCAP) Meeting held in Boston, MA from 21-27 March 2015.
192. Sampsel K, Godbout J, Leach T, **Taljaard M**, Calder L. Characteristics Associated with Sexual Assaults at Mass Gatherings. Poster presentation at SAEM 2015 Annual Meeting held May 12 - 15, 2015 in San Diego, California. [*Academic Emergency Medicine* 2015;22(S1): S3-S425.]
193. Sampsel K., Godbout J., Leach T., **Taljaard M.**, Calder L.A. Characteristics associated with sexual assaults at mass gatherings. *Canadian Journal of Emergency Medicine*. Conference: 2015 CAEP/ACMU. Canada. 17 (Supplement 2) (pp S27-S28), 2015. Date of Publication: May 2015.
194. Squires, J.E., Linklater, S., Greenough, M., Knoll, G.A., Chasse, M., **Taljaard, M.**, Shemie, S.D., Dhanani, S., & Grimshaw, J.M. Increasing organ donation after cardiocirculatory death in Canada: A national assessment of the barriers and enablers. Oral presentation at the 8th Annual Conference on the Science of Dissemination and Implementation held December 2015 in Bethesda MD, USA.
195. **Taljaard M.**, Lilford R., Girling A., Hemming K. The stepped wedge cluster randomised trial: An opportunity to increase the quality of evaluations of service delivery and public policy interventions. *Trials*. Conference: 3rd International Clinical Trials Methodology Conference. United Kingdom. 16 (Supplement 2) (no pagination), 2015.
196. Thiruganasambandamoorthy V., Kwong K\*, Stiell I.G., Swampillai J., Toarta C\*, Mukarram M., **Taljaard M.**, Wells G.A., Sheldon R. Short-term risk of arrhythmias among emergency department syncope patients with non-sinus rhythm. Oral presentation at the Society for Academic Emergency Medicine (SAEM) held May 2015 in San Diego, CA. [*Academic Emergency Medicine*. 22 (5 SUPPL. 1) (pp S50), 2015.
197. Thiruganasambandamoorthy V., Kwong K\*, **Taljaard M.**, Sivilotti M.L.A., Rowe B.H., Sheldon R., Wells G.A., Stiell I.G. The Canadian syncope risk score to identify patients at risk for serious adverse events after emergency department disposition. Oral presentation at the Society for Academic Emergency Medicine (SAEM) held May 2015 in San Diego, CA. [*Academic Emergency Medicine*. 22 (5 SUPPL. 1) (pp S54), 2015.
198. Thiruganasambandamoorthy V., **Taljaard M.**, Stiell I.G., Sivilotti M.L.A., Rowe B.H., Calder L.A., Sheldon R., Wells G.A. Emergency department management of syncope-need for standardization and improved risk-stratification. Oral presentation at the Society for Academic Emergency Medicine (SAEM) held May 2015 in San Diego, CA [*Academic Emergency Medicine*. 22 (5 SUPPL. 1) (pp S48-S49), 2015.
199. 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. Poster presentation at



Canadian Association of Emergency Physicians (CAEP) Annual Scientific Meeting held June 2015 in Edmonton, AB, Canada. [*Canadian Journal of Emergency Medicine*. 17 (Supplement 2) (pp S11-S12), 2015.]

200. 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. Oral presentation at the Canadian Association of Emergency Physicians (CAEP) Annual Scientific Meeting held June 2015 in Edmonton, AB, Canada. [*Canadian Journal of Emergency Medicine*. 17 (Supplement 2) (pp S6-S7), 2015.]
201. 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. Oral presentation at Canadian Association of Emergency Physicians (CAEP) Annual Scientific Meeting, held June 2015 in Edmonton, AB, Canada. [*Canadian Journal of Emergency Medicine*. 17 (Supplement 2) (pp S39-S40), 2015.]
202. Trenaman L, Bansback N, Bryan S, Meltzer D, Dervin G, Hawker G, **Taljaard M**, Tugwell P, Stacey D. The cost-effectiveness of a decision aid for patients considering total hip or knee arthroplasty: Results from a randomized controlled trial. Oral presentation at the International Shared Decision Making conference held 19-22 July 2015 in Sydney, Australia.
203. Wilding L, Abdulaziz K\*, Brehaut J, **Taljaard M**, Emond M, Sirois M-J, Perry JJ. Geriatric emergency management nurse views on prediction and management of functional decline in older adults after a minor trauma. Poster presentation at the Canadian Association of Emergency Physicians Annual Scientific Meeting held June 2015 in Edmonton, AB, Canada. [*Canadian Journal of Emergency Medicine*. 17 (Supplement 2) (pp S46), 2015.]
204. Wilson BJ, C.A. Catley\*, J. Little, S.G. Nicholls, J.C. Carroll, H. Etchegary, **M. Taljaard**, CIHR Emerging Team in Genomics in Screening. Genomics and personalized medicine in primary care: a professional engagement study using a novel, theory informed workshop approach. Poster presentation at the Annual meeting of the American Society of Human Genetics, Held Oct 6-10, 2015 in Baltimore, Maryland.
205. Wood B\*, Little J, **Taljaard M**. Methodological challenges in cluster-randomized trials of vulnerable populations with a small number of clusters. Oral presentation at the Canadian Society of Epidemiology and Biostatistics Meeting, held June 2, 2015 in Toronto, Canada.

## 2014

206. Abdulaziz K\*, Perry JJ, Brehaut J, **Taljaard M**, Emond M. National survey of physicians on the need for and sensitivity of a clinical decision rule to identify elderly patients at high risk of functional decline following a minor injury. *Can J Emerg Med* 2014; **15**(S1)
207. Choo E.K.H.\*, Gomez C., **Taljaard M.**, Bryson G.L. Postoperative outcome of patients with known obstructive sleep apnea. *Canadian Journal of Anesthesia*. Conference: 2014 Annual Meeting of the Canadian Anesthesiologists' Society, CAS. St John's, NL Canada. Conference Publication: (var.pagings). 61 (SUPPL. 1) (pp S14), 2014. Date of Publication: June 2014.
208. Davies B, Higuchi K, Ireland S, Murray M, Ploeg J, Soto E, **Taljaard M**. Acceptability and feasibility of a sustainability-oriented intervention for nursing guideline implementation

- in hospital and community settings. Oral presentation at the Knowledge Translation Canada Open Scientific Meeting, held June 12-13, 2014 in Quebec City, Quebec.
209. Dunn S, Sprague A, Grimshaw J, Graham I, Smith G, Harrold J, Darling L, **Taljaard M**, Fell D, El-Khatib Z, Peterson W, Graves E, Walker M. The Ontario Maternal Newborn Dashboard (MND) – Knowledge-to-Action through Audit and Feedback. Oral presentation at the KT Canada Scientific Meeting held June 12-13, 2014, Quebec City, Quebec.
  210. Fabian JC\*, Perry JJ, **Taljaard M**, Tran M, Agaybi S. A retrospective cohort study examining treatments and outcomes for frostbite in two tertiary-care emergency departments. Poster presentation at the annual meeting of the Canadian Association of Emergency Physicians, held May 31-June 4 2014, in Ottawa, Ontario. [*Canadian Journal of Emergency Medicine* 2014; 16(S1).
  211. Ivers N; Schwalm JD; Witteman H; **Taljaard M**; Rao-Melacini P; Zwarenstein M; Grimshaw JM; Natarajan M. Trial of delayed educational reminders for long-term medication adherence post-STEMIDERLA-STEMI. Family Medicine Forum Research Proceedings 2014; *Canadian Family Physician* Vol 60:July 2014 (Suppl 1)
  212. Kadhim-Saleh A\*, Worrall J, Gatien M, **Taljaard M**, Perry JJ. Determining factors that predict higher utilization of CT in emergency medicine. Oral presentation at the annual meeting of the Canadian Association of Emergency Physicians, held May 31-June 4 2014, in Ottawa, Ontario. [*Can J Emerg Med* 2014; 16(S1).]
  213. Kadhim-Saleh A\*, Worrall J, Gatien M, **Taljaard M**, Perry JJ. Physician self awareness of CT ordering practice. Poster presentation at the annual meeting of the Canadian Association of Emergency Physicians, held May 31-June 4 2014, in Ottawa, Ontario.
  214. Kadhim-Saleh A.\*, Worrall J., Gatien M., **Taljaard M.**, Perry J.J. Emergency physician self-awareness of variation in computerized tomography ordering, and predictors thereof. *Academic Emergency Medicine*. Conference: 2014 Annual Meeting of the Society for Academic Emergency Medicine, SAEM 2014. Dallas, TX United States. Conference Publication: (var.pagings). 21 (5 SUPPL. 1) (pp S160), 2014. Date of Publication: May 2014.
  215. Kendall C\*, Younger J, **Taljaard M**, Hogg W, Manuel D. The derivation and validation of a typology of care for patients with chronic disease using administrative data. Poster presentation at the 2014 NAPCRG Annual Meeting being held November 21-25, 2014 in New York, New York.
  216. Kendall C\*, Younger J, **Taljaard M**, Hogg W, Manuel D. Variation in the quality of care of patients with HIV managed in five different patterns of primary and specialist care. Oral presentation at the 2014 NAPCRG Annual Meeting being held November 21-25, 2014 in New York, New York.
  217. Koszycki D, **Taljaard, M.**, Gow, RM, Bradwejn, J. Heart rate variability in unaffected children at familial risk for anxiety. Oral presentation at the American Psychiatric Association Annual Meeting held May 2014, in New York, NY, U.S.A.
  218. LeBlanc C, J Ma, R Scuccimarri, DA Cabral, PB Dent, J Ellsworth, K Houghton, AM Huber, R Jurencak, B Lang, M Larche, B Lentle, M Matzinger, PM Miettunen, K Oen, J Roth, C Saint-Cyr, N Shenouda, **M. Taljaard**, LM Ward, and the Canadian STOPP Consortium. Glucocorticoid therapy and the risk of incident vertebral fracture in children with rheumatic disorders. Poster presentation at the 2014 Pediatric Rheumatology Symposium, held April 3–6, 2014 in Orlando, Florida. [*Arthritis Rheumatol.* 2014 Mar;66 Suppl 11:S199-200.]

219. Neufeld J.R.\*, Wilson J.\*, Gagne S., Yang H., **Taljaard M.**, Crossan M.-L. Validating patient self-report tool in preoperative triage. *Canadian Journal of Anesthesia*. Conference: 2014 Annual Meeting of the Canadian Anesthesiologists' Society, CAS. St John's, NL Canada. Conference Publication: (var.pagings). 61 (SUPPL. 1) (pp S10-S11), 2014. Date of Publication: June 2014.
220. Schwalm J.R., Ivers N.M., Natarajan M.K., **Taljaard M.**, Rao-Melacini P., Witteman H., Zwarenstein M., Grimshaw J.M. Delayed educational reminders for long-term medication adherence in ST-elevation myocardial infarction (DERLA-STEMI). *Canadian Journal of Cardiology*. Conference: 67th Annual Meeting of the Canadian Cardiovascular Society. Vancouver, BC Canada. Conference Publication: (var.pagings). 30 (10 SUPPL. 1) (pp S116-S117), 2014. Date of Publication: October 2014.
221. Schwalm JD\*, Ivers N, Witteman HO, **Taljaard M**, RaoMelacini P, Zwarenstein M, Grimshaw J, Natarajan MK. Delayed educational reminders for long-term medication adherence in ST-Elevation myocardial infarction (DERLA -STEMI). Oral presentation at the Canadian Cardiovascular Congress in Vancouver, October 25-28, 2014.
222. Stacey D, G Dervin, **M Taljaard**, I Tomek, P Tugwell, A O'Connor, G Hawker. Do patient decision aids reduce wait times and improve quality of decisions for patients considering TJA? A randomized controlled trial. Oral presentation at the combined meeting of the American Orthopaedic Association and The Canadian Orthopaedic Association held June 18-21, 2014 in Montreal, Quebec.
223. Wilson J.L.C.\*, Yang H., Neufeld J\*., Gagne S., Crawford-Newton B., **Taljaard M.**, Grimshaw J. Validation of a preoperative self-report comorbidity questionnaire. *Canadian Journal of Anesthesia*. Conference: 2014 Annual Meeting of the Canadian Anesthesiologists' Society, CAS. St John's, NL Canada. Conference Publication: (var.pagings). 61 (SUPPL. 1) (pp S21-S22), 2014. Date of Publication: June 2014.
224. Worrall J, Kadhim-Saleh A\*, Gatiem M, **Taljaard M**, Perry JJ. Emergency physician attitudes toward CT ordering. Poster presentation at the annual meeting of the Canadian Association of Emergency Physicians, held May 31-June 4 2014, in Ottawa, Ontario. [*Canadian Journal of Emergency Medicine* 2014; 16(S1).]

### 2013:

225. Abdulaziz K.\*, Perry J. J., Brehaut J., **Taljaard M.**, Emond M. National survey of physicians on the need for and sensitivity of a clinical decision rule to identify elderly patients at high risk of functional decline following a minor injury. *Canadian Journal of Emergency Medicine*. Conference: 2013 CAEP/ACMU Scientific Abstracts, CAEP 2013. Canada. Conference Publication: (S79 pages). 15 (Suppl 1) (pp S41-S42), 2013. Date of Publication: May 2013.
226. Catley C\*, Little J, Nicholls S, Etchegary H, **Taljaard M**, Carroll J, Castle D, Allanson J, Wilson B. "Personalized medicine as a tool for prevention: a primary care pilot study". Poster presentation at the 41st Annual Meeting of North American Primary Research Group, Ottawa, Ontario, November 9-13, 2013.
227. Catley C\*, Little J, Nicholls S, Etchegary H, **Taljaard M**, Carroll J, Castle D, Allanson J, Wilson B. "Personalized medicine as a tool for prevention: A knowledge translation pilot study". Oral presentation at the annual Canadian Public Health Association (CPHA) conference, Ottawa, Ontario, Canada, June 9-12 2013.

228. Corrales-Medina VF; **Taljaard M**; Fine MJ; Musher DM; Chirinos JA. Derivation and validation of a clinical score to predict the risk of incident cardiac complications in patients with community acquired pneumonia. Poster presentation at the annual meeting of the American College of Cardiology, held March 9-11, 2013 in San Francisco, CA. [*Journal of the American College of Cardiology*. 61 (10 SUPPL. 1) (pp E1523), 2013.]
229. Dahrouge S, Muggah E, **Taljaard M**, Hogg W, Fletcher J, Hernandez M, Ives S. Significant Differences In Quality of Primary Care Exist Based On Income: Canadian And International Results of a Survey of Sicker Adults. Poster presentation at the 2013 NAPCRG Annual Meeting held November 9-13, 2013 in Ottawa, Ontario.
230. Dahrouge S, Muggah E, **Taljaard M**, Hogg W, Fletcher J, Hernandez M, Ives S. Significant differences in quality of care exist based on income: results from an international survey of sicker adults in 11 OECD countries. Oral presentation at the Primary Health Care Branch, MOHLTC research rounds on 14 March 2013, Kingston, Ontario.
231. Kendall C\*, Wong J, **Taljaard M**, Glazier RH, Hogg W, Younger J, Manuel DG. A cross-sectional, population-based study measuring comorbidity among people living with HIV in Ontario. Oral presentation at the North American Primary Care Research Group Annual meeting held in Ottawa, ON, 9-13 November 2013.
232. Kendall C\*, Wong J, **Taljaard M**, Glazier RH, Hogg W, Younger J, Manuel DG. A cross-sectional, population-based study measuring comorbidity among people living with HIV in Ontario. Oral presentation at the Ontario HIV Treatment Network Conference held in Toronto, ON, Nov 2013.
233. Kendall C\*, Wong J, **Taljaard M**, Glazier RH, Hogg W, Younger J, Manuel DG. How is Care Provided to People With HIV? A Cross-Sectional, Population-Based Study of Outpatient Care Among People With HIV in Ontario, Canada. Poster Presentation at the Ontario HIV Treatment Network Conference held in Toronto, ON, Nov 2013.
234. Miettunen PM, **M Taljaard**, N Alos, S Atkinson, D Cabral, C Clarson, R Couch, E A Cummings, J Feber, R M Grant, B Lentle, M Matzinger, H Nadel, C Rodd, N Shenouda, R Stein, D Stephure, S Taback, F Rauch, K Siminoski, LM Ward, and the Canadian STOPP Consortium. Vertebral fractures in the 3 year period following steroid initiation among children with chronic illnesses. Oral presentation at the 6th International Conference on Children's Bone Health, Rotterdam, Netherlands, 22-25 June 2013. [*Bone Abstracts* 2013; 2 OC26 ]
235. Naicker K, Liddy C, Singh J, **Taljaard M**, Hogg W. Quality of Cardiovascular Disease Care in Ontario's Primary Care Practices: Observed Differences in Guideline Adherence by Patient Sex. Oral presentation at the North American Primary Care Research Group Annual meeting held in Ottawa, ON, 9-13 November 2013.
236. Pinsk M, **Taljaard M**, Alos N, Atkinson A, Cabral D, Clarson C, Couch R, Cummings EA, Feber J, Grant RM, Lentle B, Matzinger M, Nadel H, Rodd C, Shenouda N, Stein R, Stephure D, Taback S, Rauch F, Siminoski K, Ward LM, and the Canadian STOPP Consortium. Vertebral fractures in the 3 year period following steroid initiation among children with chronic illnesses. Poster presentation at the American Society of Nephrology Kidney Week 2013 Annual Meeting, held in Atlanta, GA, 7-10 November 2013.
237. Rutterford C, **Taljaard M**, Dixon S, Copas A, Eldridge S. Inadequate reporting of sample size calculations in cluster randomised trials: A review. Poster presentation at the 2<sup>nd</sup> Clinical Trials Methodology Conference held 18 – 19 November 2013 EICC, Edinburgh, Scotland. [*Trials*; 14 (SUPPL. 1) (pp 250DUMMY), 2013.]

238. Sanaee L\*; **Taljaard M**; Karnauchow T; Perry JJ. Clinical and Laboratory Findings to Differentiate Herpes Simplex from Enteroviral Meningitis. Oral presentation at the Canadian Association of Emergency Medicine Physicians meeting held in Vancouver, British Columbia, June, 2013.
239. Sanaee L\*; **Taljaard M**; Karnauchow T; Perry JJ. Clinical and Laboratory Findings to Differentiate Herpes Simplex from Enteroviral Meningitis. Poster presentation at the Society for Academic Emergency Medicine held in Atlanta, Georgia, May 14-18, 2013.
240. Schwalm JD, Ivers N, Witteman HO, **Taljaard M**, RaoMelacini P, Zwarenstein M, Grimshaw J, Natarajan MK. Pragmatic, cluster-randomized controlled trial of delayed educational reminders for long-term medication adherence in ST-elevation myocardial infarction (DERLA-STEMI). Oral presentation at the Canadian Cardiovascular Congress (CCC) in Montréal, October 17-20, 2013. [*Canadian Journal of Cardiology* 2013; 29(10):S265-S266]

2012:

241. Chaput A.J., Bryson G., McIsaac D., Power B., Beaulé P., **Taljaard M**. A randomized, double-blind, placebo-controlled trial to assess the efficacy and safety of pregabalin in reducing the incidence of postoperative delirium and improving acute postoperative pain in patients undergoing major orthopedic and vascular surgery. *European Journal of Anaesthesiology*. Conference: European Anaesthesiology Congress, EUROANAESTHESIA 2012. Paris France. Conference Publication: (var.pagings). 29 (SUPPL. 50) (pp 114), 2012. Date of Publication: June 2012.
242. Chaudhry SH\*, **Taljaard M**, Brehaut JC, Boruch R, Donner A, Eccles MP, McRae AD, Saginur R, Weijer C, Zwarenstein M, Grimshaw JM. Actual versus reported participant consent practices in cluster randomized trials: An international survey of trialists. Oral presentation at the 33<sup>rd</sup> Annual Meeting of the Society for Clinical Trials, held May 20-23, 2012 in Miami, Florida USA. [*Clin Trials* 2012; 9(4):450-554]
243. Clavel N\*, Moga-Chauvin R\*, Power B, **Taljaard M**, Nathan H, Bryson GL. Prospective Cohort Study To Assess Caregiver Burden After Ambulatory Surgery In The Elderly. Poster presentation at the Annual Canadian Anesthesiologists' Society Meeting, held June 15-18, 2012 in Quebec City, Québec. [*Canadian Journal of Anesthesia*. 59 (SUPPL. 1) (no pagination), 2012.
244. Dahrouge S, Liddy C, Hogg W, Armstrong CD, **Taljaard M**, Russell G, Singh J, Wong J, Hernandez M. Are Quality Improvement Initiatives Increasing the Care Gap? Oral presentation at the 2012 NAPCRG 40th Annual Meeting being held December 1-5, 2012 in New Orleans, LA.
245. Dahrouge S, Liddy C, Hogg W, Singh JP, Wong J, Hernandez M, **Taljaard M**. How do FHTs compare? Characterizing family health teams and their performance in Ontario. Oral presentation at the Association of Family Health Teams of Ontario 2012 Conference, held 16 October 2012 in Toronto, ON.
246. Dahrouge S, Muggah E, **Taljaard M**, Hogg W, Fletcher J, Hernandez M, Ives S. Inequities in Canada's Primary Health Care Performance: Results from the 2011 Commonwealth Study. Poster presentation at the 2012 Family Medicine Forum Research Day, November 14<sup>th</sup>, 2012 held in Metro Toronto Convention Centre
247. Dahrouge S, Muggah E, **Taljaard M**, Hogg W, Fletcher J, Ives S, Hernandez M. Significant Differences in Quality of Care Exist Based on Income: Results From an

- International Survey of Sicker Adults in 11 OECD Countries. Oral presentation at the 2012 NAPCRG 40th Annual Meeting being held December 1-5, 2012 in New Orleans, LA.
248. Davies B, Higuchi K, Ellis J, Ireland S, Murray M, Ploeg J, Soto E, **Taljaard M**. Does using a sustainability model for guideline implementation on multiple topics in multiple sites make a difference? Oral presentation at Guidelines International Network Conference, held 22-25 August 2012 in Berlin, Germany.
249. Davies B, Smith Higuchi KA, Ellis J, Ireland S, Murray MA, Ploeg J, Soto E, **Taljaard M**. Using a Sustainability Framework for the Implementation and Evaluation of Nursing Best Practice Guidelines. Poster presentation at the first international nursing conference entitled: "Nursing: Caring to Know, Knowing to Care" held 4-7 June 2012, in Jerusalem.
250. Kelly RJ; Liddy C; Hogg W; Dahrouge S; Singh J; **Taljaard M**, Younger J. What Is the Impact of Primary Care Model Type on Referral Rates to Specialists? Oral presentation at the 2012 NAPCRG 40th Annual Meeting held December 1-5, 2012 in New Orleans, LA.
251. Liddy C; Singh J; Hogg W; Dahrouge S; Deri-Armstrong C; Russell G; **Taljaard M**; Akbari A; Wells G. Quality of Cardiovascular Disease Care in Ontario, Canada: Room for Improvement. Oral presentation at the 2012 NAPCRG 40th Annual Meeting held December 1-5, 2012 in New Orleans, LA.
252. Liu S\*, Vaillancourt C, Kasaboski A, **Taljaard M**. CAEP 2012. Comparison of Bystander Fatigue and CPR Quality when Older Bystanders Use Continuous Chest Compressions Versus 30:2 Compressions to Ventilations: A Randomized Cross-over Trial. Oral presentation at 2012 Canadian Association of Emergency Physician annual meeting held June 2-6, 2012 in Niagara Falls, Ontario.
253. Moga R\*, Clavel N\*, Power B, **Taljaard M**, Nathan H, Bryson GL. Functional recovery after ambulatory surgery in the elderly. Poster presentation at the Annual Canadian Anesthesiologists' Society Meeting, held June 15-18, 2012 in Quebec City, Québec. [*Canadian Journal of Anesthesia*. 59 (SUPPL. 1) (no pagination), 2012.]
254. Muggah E, Dahrouge S, **Taljaard M**, Hogg W, Fletcher J, Ives S, Hernandez M. Who Pays? The Relationship Between Out of Pocket Spending and Inequities in Primary Health Care Across 11 Countries. Oral presentation at the 2012 NAPCRG 40th Annual Meeting held December 1-5, 2012 in New Orleans, LA.
255. Neillipovitz D, Bryson GL, **Taljaard M**. STAR VAS II- statins and perioperative brachial artery reactivity. The Impact of Statin Use on Perioperative Infections and Sepsis. Poster presentation at the Annual Canadian Anesthesiologists' Society Meeting, held June 15-18, 2012 in Quebec City, Québec.
256. Noseworthy D.\*, Neilipovitz D., Chaput A., **Taljaard M**. The impact of statin use on perioperative infections and sepsis. *Canadian Journal of Anesthesia*. Conference: 2012 Annual Meeting of the Canadian Anesthesiologists' Society, CAS. Quebec City, QC Canada. Conference Publication: (var.pagings). 59 (SUPPL. 1) (no pagination), 2012.
257. Singh JP, Liddy C, **Taljaard M**, Dahrouge S, Hogg W. Comparison of primary care models in the prevention of cardiovascular disease - a cross sectional study. Oral presentation at the Canadian Association for Health Services and Policy Research Annual conference, held May 29-31, 2012 in Montreal, Quebec.
258. **Taljaard M**. Ethical issues in cluster randomized trials: International survey of research ethics chairs. *Clinical Trials*. Conference: Society for Clinical Trials Annual Meeting 2012. Miami, FL United States. Conference Publication: (var.pagings). 9 (4) (pp 468), 2012. Date of Publication: August 2012.

259. Vaillancourt C., Liu S.\*, Kasaboski A., **Taljaard M.** Comparison of bystander fatigue and CPR quality when older bystanders use continuous chest compressions versus 30:2 compressions to ventilations: A randomized crossover trial. *Canadian Journal of Emergency Medicine*. Conference: 2012 CAEP/ACMU Scientific Abstracts. Niagara Falls, ON Canada. Conference Publication: (var.pagings). 14 (SUPPL. 1) (pp S2-S3), 2012.

2011:

260. Carter MA\*, Dubois L, Tremblay MS, **Taljaard M.** Contextual circumstances and patterns of childhood weight change. Poster presentation at the World Congress of Epidemiology, from 7-11 August 2011 in Edinburgh, Scotland.
261. Carter MA\*, Dubois L, Tremblay MS, **Taljaard M.** Place and Patterns of Childhood Weight Change. Oral presentation at the Statistical Society of Canada (Ottawa Chapter) Student Research Day, held in Ottawa on 23 September 2011.
262. Carter MA\*, Dubois L, Tremblay MS, **Taljaard M.** The influence of place on the development of excess weight during childhood: a longitudinal study of young children living in Québec, Canada. Oral presentation at the National Obesity Summit, April 28 - May 1, 2011 in Montreal. [*Canadian Journal of Diabetes* 2011;35(2):156]
263. Chaudhry SH\*, **Taljaard M**, Brehaut JC, Grimshaw JM, Eccles MP, Weijer C, McRae AD, Saginur R, Boruch R, Zwarenstein M, Donner A. Investigator experiences with the Ethics Review Process of Cluster Randomized Trials: An International Survey. Oral presentation at the 32nd Annual Society for Clinical Trials meeting in Vancouver, British Columbia, May 15-18, 2011. [*Clin Trials* 2011; 8(4):445-548.]
264. Gartke KA, Lui ACP, **Taljaard M**, Persaud D, Singh RD. Neuropathic Sequelae of Continuous Popliteal Block (CPB) for Post-Operative Pain Control Following Foot and Ankle Surgery. Poster Presentation at the 36<sup>th</sup> Annual Regional Anesthesia Meeting and Workshops, held May 5-8, 2011 in Las Vegas, Nevada [*Regional Anesthesia and Pain Medicine*. 36 (5), 2011.]
265. Ivers N, **Taljaard M**, Grimshaw J, Bennett C, Dixon S, Taleban J, McRae A, Skea Z, Boruch R, Brehaut J, Eccles M, Weijer C, Donner A. Did the extension of CONSORT to cluster randomized trials result in improved quality of reporting and study methodology? Oral presentation at the 32nd Annual Society for Clinical Trials meeting in Vancouver, British Columbia, May 15-18, 2011. [*Clin Trials* 2011; 8(4): 445-548.]
266. Jee R\*, Blackburn J, Forster A, **Taljaard M**, Bryson GL. Inpatient management of the patient with known Obstructive Sleep Apnea. Oral presentation at the Canadian Anesthesiology Society Annual Meeting in Toronto, Ontario, June 24-28, 2011. [*Canadian Journal of Anesthesia*. 58 (SUPPL. 1) (pp S100-S101), 2011.]
267. Liu S\*, Vaillancourt C, Kasaboski A, **Taljaard M.** Comparison of Bystander Fatigue and CPR Quality when Using Continuous Chest Compressions Versus 30:2 Compressions to Ventilations: A Randomized Cross-over Trial. Poster presentation at the University of Ottawa Poster Forum on October 5, 2011.
268. Malcolm J, Malakieh N, Shah B, Maranger J, **Taljaard M**, Keely E, Ooi TC. Diabetes Process -of-Care Indicators and Outcomes of Defaulters from a Tertiary Care Multidisciplinary Clinic. Poster presentation at the Canadian Diabetes Association meeting held in Toronto, October 26-29, 2011. [*Canadian Journal of Diabetes* 2011; (Suppl.): 395.]
269. Malcolm J, Malakieh N, Shah B, **Taljaard M**, Ooi TC. Diabetes Process-of-Care Indicators and Outcomes of Defaulters from a Tertiary Care Multidisciplinary Diabetes

- Clinic. Poster presentation at the American Diabetes Association meeting held June 24-28, 2011, in San Diego, California.
270. McRae AD, Bennett C, Weijer C, Brehaut J, Belle Brown J, Donner A, Eccles M, Grimshaw J, Zwarenstein M, Chaudhry S\*, **Taljaard M**. Researchers' perceptions of ethical challenges of cluster randomized trials: A qualitative analysis if in-depth interviews. Oral presentation at the 32nd Annual Society for Clinical Trials meeting in Vancouver, British Columbia, May 15-18, 2011. [*Clin Trials* 2011; 8(4): 445-548.]
  271. McRae AD, **Taljaard M**, Donner A, Weijer C, Bennett C, Skea Z, Grimshaw J, Eccles M. Factors Associated with Reporting of Patient Consent in Healthcare Cluster Randomized Trials. Oral presentation at the 32nd Annual Society for Clinical Trials meeting in Vancouver, British Columbia, May 15-18, 2011. [*Clin Trials*, 2011;8(4):445-548.]
  272. Neilipovitz D, Andonov I, **Taljaard M**, Bryson GL. Impact of perioperative electrolyte imbalances following aortic repair. Oral presentation at the Canadian Anesthesiology Society Annual Meeting held in Toronto, Ontario, June 24-28, 2011.
  273. Neilipovitz D, Bryson GL, **Taljaard M**. Short term Atorvastatin regime for vasculopathic subjects. Oral presentation at the Canadian Anesthesiology Society Annual Meeting held in Toronto, Ontario, June 24-28, 2011. [*Canadian Journal of Anesthesia*. 58 (SUPPL. 1) (pp S79), 2011]
  274. Neillipovitz DT, Bryson GL, **Taljaard M**. STAR VaS – Short term Atorvastatin Regime for Vasculopathic Subjects. Poster presentation at the Canadian Anesthesiologists' Society Annual Meeting, taking place at the Metro Toronto Convention Centre - North Building from June 24-28, 2011.
  275. O'Rielley S, Chambers L, **Taljaard M**. What explains variability in blood pressure readings? Multilevel analysis of data from 8,731 older adults in 20 Ontario Communities. Oral presentation at the Canadian Association for Health Services and Policy Research (CAHSPR) in Halifax, Nova Scotia from May 9-12, 2011.
  276. Rose GW, Roth VR, Suh KN, **Taljaard M**, Van Walraven C, Forster AJ. Clinical and Administrative Data Associated with Surgical Site Infection Following Cardiac Surgery: A Comprehensive Review of Potential Surveillance Triggers. Oral presentation at the Society for Healthcare Epidemiology of America conference in Dallas, Texas, April 1-4, 2011
  277. Rose GW, Roth VR, Suh KN, **Taljaard M**, Van Walraven C, Forster AJ. Use of an Electronic Data Warehouse for Cardiac Surgical Site Infection Surveillance. Oral presentation at the Society for Healthcare Epidemiology of America conference in Dallas, Texas, April 1-4, 2011.
  278. Singh J, Liddy C, Hogg W, **Taljaard M**, Dahrouge S. Comparison of primary care models in the prevention of cardiovascular disease – a cross sectional study. Oral presentation at the Trillium Primary Health Care Research Day held in Toronto, June 8, 2011
  279. Suh K, **Taljaard M**, Choi K\*, Po JL, Zwicker P, Bruce N, Roth V, Carling P. Improving the Quality of Environmental Cleaning By Providing Education and Feedback to Environmental Services Staff at The Ottawa Hospital. Poster presentation at the Society for Healthcare Epidemiology of America (SHEA) conference in Dallas, Texas, April 1-4, 2011.
  280. **Taljaard M**, McRae A\*, Weijer C, Bennett C, Dixon S, Taleban J, Skea Z, Brehaut J, Eccles M, Donner A, Saginur R, Boruch R, Grimshaw J. Reporting of research ethics review and informed consent practices in cluster randomized trials. *Clin Trials*, August 2011; vol. 8, 4: pp. 445-548.



2010:

281. Chaudhry S H\*, **Taljaard M**, Brehaut J, Grimshaw J. Challenges in the Ethical Conduct and Ethics Review of Cluster Randomized Trials: A Survey and In-depth Interviews of Cluster Randomization Trialists, Study Protocol. Poster presentation at the 2010 National Council on Ethics in Human Research (NCEHR) Conference. February 20-21, 2010. Ottawa, Canada.
282. Gavin, C; Favreau, C.; Cousins, M.; Meggison, H.; Lewis, M. J.; Foxall, J.; Gee, E.; Hill, A.; Taljaard, M.; Ooi, T. C. Cortisol response to ACTH in acute stress (CRAAS): a Clinical Study. *Irish Journal Of Medical Science* 2010; 179 S13 Pages: 506-506
283. Gomez CP, Jee R\*, Amarsi S, Blackburn J, Forster A, **Taljaard M**, Bryson GL. Outpatient Management of the Patient with Obstructive Sleep Apnea. Presented at the Canadian Anesthesiologists' Society Annual Meeting held in Montreal, Quebec from June 25 to 29, 2010.
284. Kukaswadia A, Flament MF, Obeid N, Buchholz A, Henderson K, Goldfield G, **Taljaard M**. Accuracy of self-reported weight and height in adolescents: Extent and predictors of discrepancies. Poster presentation at the Canadian Obesity Student Meeting, held in Ottawa, June 9-12, 2010.
285. Mayo-Bruinsma L, Hogg W, **Taljaard M**, Dahrouge S. Family centered care delivery: Comparing models of primary care service delivery in Ontario. Poster presentation at the CIHR Primary Healthcare Summit held in Toronto, Ontario, Canada, January 18-19, 2010.
286. Plint AC, McGahern C, **Taljaard M**, Johnson DW, Scott S, Grimshaw JM, Klassen TP. Practice Variation In Bronchiolitis Management In Ontario Community Emergency Departments. Poster presentation at the Pediatric Academic Societies Annual Meeting, Vancouver, May 1-4, 2010
287. Plint AC, McGahern C, **Taljaard M**, Scott S, Grimshaw J, Klassen TP, Johnson DW. Practice variation in bronchiolitis management in Ontario community emergency departments. *Can J Emerg Med.* 2010;12(3):272.
288. Roth VR, Oake N, Suh K, **Taljaard M**, Ramotar K, Bruce N, Toye B, Forster A. Impact of Universal Admission Screening on Nosocomial Rates of Methicillin-Resistant Staphylococcus aureus (MRSA). Oral presentation at the CHICA-Canada 2010 National Education Conference. Vancouver, BC. May 29-June 3, 2010.
289. Roth VR, Oake N, Suh K, **Taljaard M**, Ramotar K, Bruce N, Toye B, Forster A. Impact of Universal Admission Screening on Nosocomial Rates of Methicillin-Resistant Staphylococcus aureus (MRSA). Poster presentation at the Fifth Decennial International Conference on Healthcare-Associated Infections held in Atlanta, Georgia, March 18-22, 2010.

2009:

290. Kielar, A.; Tao, H.; McKeever, C.; **Taljaard, M**. Modified Small Bowel CT for Evaluation of Recurrent Crohn's Disease. Oral presentation at the 109th Annual Meeting of the American-Roentgen-Ray-Society held in Boston, MA, Apr 27-May 01, 2009 [*American Journal Of Roentgenology* 2009; 192(5).]
291. Perry JJ, Goindi R\*, Symington C, **Taljaard M**, Brehaut J, Schneider S, Stiell IG. An International Survey of Emergency Physicians for the Need of a Clinical Decision Rule for High Risk Transient Ischemic Attacks in the Emergency Department. Presented at the Society for Academic Emergency Medicine held in New Orleans, May 14 - 17, 2009

292. Stacey D, Hawker G, Dervin G, **Taljaard M**, Tugwell P, Tomek I, Pomey MP, Fergusson D, O'Connor A. What effect does an osteoarthritis patient decision aid have on wait times for total knee replacement and decision quality? Presented at the 5th International Shared Decision Making Conference held in Boston, MA, June 2009.
293. Stacey D, Hawker G, O'Connor A, Dervin G, **Taljaard M**, Tugwell P, Tomek I, Pomey PP, Fergusson D. Randomized controlled trial to evaluate the effect of a patient decision aid for total knee arthroplasty on wait times and decision quality. Presented at the Canadian Orthopaedic Association Annual Meeting held in Whistler, BC, Canada, July 2009.
294. Thiruganasambandamoorthy V, Hess E\*, Perry J, **Taljaard M**, Wells G, Stiell I. Refining the Definition of Abnormal Electrocardiogram to Better Predict Short-Term Cardiac Outcomes in Adult Syncope Patients. Poster presentation at the SAEM Annual Meeting held in New Orleans, May 14-17, 2009.

2008:

295. McIntyre LA, Fergusson D, Cook DJ, McArdle T, Watpool I, Rankin N, Dhingra V, Granton J, **Taljaard M**, Magder S, Stiell I, Hebert PC. Deferred consent in an early septic shock resuscitation trial. American Thoracic Society Conference held in Toronto, May 2008.
296. McIntyre LA, Fergusson D, Cook DJ, Rankin N, Dhingra V, Granton J, Magder S, **Taljaard M**, Hebert PC. Fluid Resuscitation for the Management of Early Septic Shock (FINESS): A Pilot Randomized Controlled Trial. Society of Critical Care Medicine Congress held in Honolulu, Hawaii, February 2008.
297. McIntyre LA, Fergusson D, **Taljaard M**, McArdle T, Watpool I, Angel J, Hebert PC. Serial Endotoxin levels in septic shock: ESP study. American Thoracic Society International Conference held in Toronto, May 2008.
298. Perry JJ, Goindi R\*, Symington C, **Taljaard M**, Brehaut J, Schneider S, Stiell IG. Physician Attitudes Towards Clinical Decision Rules for Acute Respiratory Disorders for Patients >50 years old in the ED: An International Survey. Canadian Association of Emergency Physicians Annual Scientific Meeting held in Ottawa, June 2008. [*Can J Emerg Med* 2008;10(3):271.]
299. Perry JJ, Goindi R\*, Symington C, **Taljaard M**, Brehaut J, Schneider S, Stiell IG. An International Survey for the Management of High Risk Transient Ischemic Attacks in the Emergency Department *Can J Emerg Med* 2008;10(3):263 (Abstract). Presented at the Canadian Association of Emergency Physicians Annual Scientific Meeting, Ottawa, Canada, June 2008. [*Can J Emerg Med* 2008;10(3):263.]
300. Rose G\*, Roth V, Suh K, **Taljaard M**, Van Walraven C, Forster A. Use of an electronic data warehouse to enhance cardiac surgical site surveillance at a large Canadian centre. *Clin Invest Med* 2008; 31(4): S21.
301. Stacey D, Hawker G, O'Connor AM, Dervin G, **Taljaard M**, Tugwell P, Tomek I, Pomey MP, Fergusson D. What effect does a patient decision aid have on patients considering total knee arthroplasty? American College of Rheumatology Annual Scientific Meeting held in San Francisco, October 2008. [*Arthritis and Rheumatism* 2008;58(9): s752-s753]
302. Stacey D, Hawker G, O'Connor A, Dervin G, **Taljaard M**, Tugwell P, Tomek I, Pomey PP, Fergusson D. Patient decision aid for total knee arthroplasty: Randomized controlled trial to evaluate the effect on wait times and decision quality. Presented at the Annual Meeting of the Society for Medical Decision Making held in Philadelphia, PA, October 2008.

303. Taylor C, Malcolm J, Maranger J, **Taljaard M**, Keely E, Brez S, Izzi S, Ooi TC. The Tools For Transition™ Program: Characteristics and Disposition of Patients Referred to a Multidisciplinary Diabetes Clinic. Presented at the Annual Meeting of the Canadian Diabetes Association held in Montreal, Quebec, October 2008.

2007:

304. Eagles D\*, Stiell IG, Clement C, Brehaut J, **Taljaard M**, Kelly A-M, Mason S, Kellermann A, Perry J. An International Survey of Emergency Physicians Knowledge, Use and Attitudes Towards the Canadian CT Head Rule. Society for Academic Emergency Medicine, Chicago, May 2007. [*Acad Emerg Med* 2007;14(5):S86]
305. Eagles D\*, Stiell IG, Clement CM, Brehaut JC, **Taljaard M**, Kelly A-M, Mason S, Kellermann A, Perry J. An international survey of emergency physicians knowledge, use, and attitudes towards the Canadian CT head rule. Canadian Association of Emergency Physicians Annual Scientific Meeting, Victoria, June 2007. [*Can J Emerg Med* 2007;9(3):214.]
306. McIntyre LA, Fergusson D, Cook DJ, Rankin N, Dhingra V, Granton J, Magder S, **Taljaard M**, Hebert PC. 2007. Fluid Resuscitation for the Management of Early Septic Shock (FINESS): A Pilot Randomized Controlled Trial. *Critical Care Medicine* 2007; 35(12):A372.
307. Midzic I\*, Vaillancourt C, **Taljaard M**, Chisamore B: Fatigue and Quality of CPR by Older Bystanders Using the New 30:2 Chest Compression to Ventilation Guidelines: A Randomized Cross-over Trial. Canadian Association of Emergency Physicians Meeting held in Victoria, May 2007. [*CJEM*. 2007; 9(3):185]
308. Vaillancourt C, Midzic I\*, **Taljaard M**, Chisamore B. Fatigue and Quality of CPR by Older Bystanders Using the New 30:2 Chest Compression to Ventilation Guidelines: A Randomized Cross-over Trial. Society for Academic Emergency Medicine Meeting held in Chicago, May 2007. [*Acad Emerg Med* 2007; 14(5): S170, with Erratum *Acad Emerg Med* 2007; 14(6):544.]
309. Van Walraven C, Stiell I, Etchells C, Bell C Zarnke K, Khan, A, **Taljaard M**, Forster A for the Ontario-OAtH Study Group. Ontario-Outcomes After the Hospitalization (Ontario-OAtH) Study. Presented at the Annual Meeting of the Society for General Internal Medicine held in Toronto, ON, April 2007.
310. Wells P, Rodger M, Kassem S, Majeed H, **Taljaard M**. Current models for predicting warfarin maintenance dose do not work in an ambulatory venous thromboembolism patient population. American Society of Hematology 49th Annual Meeting, held in Atlanta, December 2007. [*Blood* 2007;110(11)]

2006

311. Goindi R\*, Perry JJ, Symington C, **Taljaard M**, Brehaut J. International Survey of Emergency Physicians' Current Practice for Acute Headache and the Need for a Clinical Decision Rule. International Conference on Emergency Medicine held in Halifax, June 2006.

2003

312. Stringer B, **Taljaard M**. Posters encouraging climbing stairs in lieu of riding elevators in five work sites. Poster presentation at the Biennial Meeting of the Canadian Society of Epidemiology and Biostatistics held in Halifax, June 2003.

## **TRAINING**

GCP – Good clinical practice certificate

TCPS -2 – Tri Council Policy Statement – 2