



James (Jay) Brophy

PROFESSOR OF MEDICINE

McGill University

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Slightly contrarian cardiologist living and working in Montreal Canada

Education

McGill University Faculty of Medicine

PHD Montreal

1993 - 1998

Université de Montreal Faculte de Medecine

FRCPC Montreal

1979 - 1984

McMaster University Faculty of Health Sciences

MD Hamilton

1976 - 1979

McMaster University Faculty of Engineering

M.ENG Hamilton

1973 - 1974

McGill University Faculty of Engineering

B.ENG Montreal

1967 - 1973

Awards

FELLOW CANADIAN ACADEMY OF HEALTH SCIENCES Sept 2018

FELLOW CANADIAN CARDIOVASCULAR SOCIETY May 2017

Current Research Funding (PI)

Fonds de Recherche Quebec Sante (FRQS) Total Funding - \$350,000

July 2018-23

APPUI À LA RECHERCHE EN ÉVALUATION DES TECHNOLOGIES ET DES PRATIQUES DE POINTE DANS LES CHU (HEALTH TECHNOLOGY AND EVIDENCE BASED MEDICINE)

Canadian Institutes of Health Research (CIHR) Project Grant Total Funding - \$309,825

2018/4 - 2021/3

TICAGRELOR COMPARED TO CLOPIDOGREL IN ACUTE CORONARY SYNDROMES - THE TC4 COMPARATIVE EFFECTIVENESS STUDY

Canadian Institutes of Health Research (CIHR) Project Grant Total Funding - \$229,500

2020/9 - 2022/9

EVALUATING THE TRAJECTORY OF AORTIC STENOSIS (AS) IN QUEBEC PATIENTS - DIAGNOSIS, TREATMENTS, AND OUTCOMES

Canadian Institutes of Health Research (CIHR) Project Grant Total Funding (co-I) - \$372,500

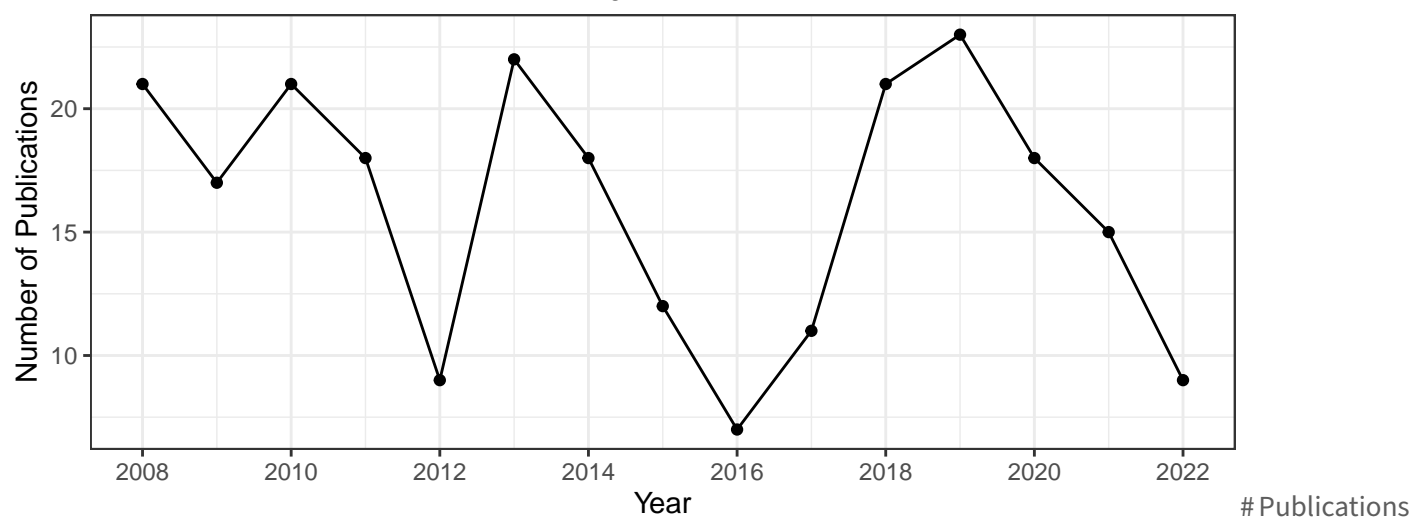
2021/7 - 2025/6

THE S. AUREUS NETWORK ADAPTIVE PLATFORM TRIAL (SNAP) CANADA: A RANDOMIZED CONTROLLED TRIAL FOR PENICILLIN-SUSCEPTIBLE, METHICILLIN-SUSCEPTIBLE, AND METHICILLIN RESISTANT STAPHYLOCOCCUS AUREUS BLOODSTREAM INFECTIONS IN HOSPITALIZED PATIENTS

Publications

All publications (422 on 2022-04-29) as recorded in Google Scholar can be found [here](#)
Citations 22,602, h-index 60

Includes letters, editorials as well as original articles



2022

M Gaudino, JM Brophy

THE CONTROVERSY ON THE TREATMENT OF LEFT MAIN CORONARY ARTERY DISEASE

JM Brophy

MOLNUPIRAVIR'S AUTHORISATION WAS PREMATURE

AM Albuquerque, JM Brophy

PACEMAKER RISK FOLLOWING TRANSCATHETER AORTIC VALVE REPLACEMENT-A BAYESIAN REANALYSIS

A Sharma, M Elharram, J Afilalo, A Flannery, M Afilalo, C Tselios, J Ni, ...

A RANDOMIZED CONTROLLED TRIAL OF RENIN-ANGIOTENSIN-ALDOSTERONE SYSTEM INHIBITOR MANAGEMENT IN PATIENTS

ADMITTED IN HOSPITAL WITH COVID-19

JM Brophy

AFTER DES IMPLANTATION, DAPT FOR 1 Y VS. ≤ 6 MO INCREASED MAJOR BLEEDING IN PATIENTS WITH HIGH BASELINE BLEEDING

RISK

AM Albuquerque, L Tramujas, LR Sewanan, DR Williams, JM Brophy

MORTALITY RATES AMONG HOSPITALIZED PATIENTS WITH COVID-19 INFECTION TREATED WITH TOCILIZUMAB AND

CORTICOSTEROIDS: A BAYESIAN REANALYSIS OF A PREVIOUS META-ANALYSIS

AM Albuquerque, I Eckert, L Tramujas, EG McDonald, G Butler-Laporte, ...

ANALYSIS PLAN: VERSION 1.1 EFFECT OF TOCILIZUMAB, SARILUMAB, AND BARICITINIB ON MORTALITY AMONG PATIENTS

HOSPITALIZED FOR COVID-19: A SYSTEMATIC REVIEW AND META-REGRESSION

JM Brophy

SARS-CoV-2 TESTING IN TRAVELLERS: CAN WE BE SMARTER?

TC Lee, S Murthy, O Del Corpo, J Senecal, G Butler-Laporte, ZN Sohani, ...

REMDESIVIR FOR THE TREATMENT OF COVID-19: AN UPDATED SYSTEMATIC REVIEW AND META-ANALYSIS

*The Journal of Thoracic and
Cardiovascular Surgery*

2022

bmj

2022

International Journal of Cardiology

2022

American heart journal

2022

Annals of Internal Medicine

2022

JAMA network open

2022

2022

CMAJ

2022

medRxiv

2022

Publications 2021

TC Lee, EG McDonald, G Butler-Laporte, LB Harrison, MP Cheng, ...

REMDESIVIR AND SYSTEMIC CORTICOSTEROIDS FOR THE TREATMENT OF COVID-19: A BAYESIAN RE-ANALYSIS

M Etmnan, JM Brophy, G Collins, M Nazemipour, MA Mansournia

TO ADJUST OR NOT TO ADJUST: THE ROLE OF DIFFERENT COVARIATES IN CARDIOVASCULAR OBSERVATIONAL STUDIES

SA Kutcher, JM Brophy, HR Banack, JS Kaufman, M Samuel

EMULATING A RANDOMISED CONTROLLED TRIAL WITH OBSERVATIONAL DATA: AN INTRODUCTION TO THE TARGET TRIAL

FRAMEWORK

*International Journal of Infectious
Diseases*

2021

American Heart Journal

2021

Canadian Journal of Cardiology

2021

AM Albuquerque, L Tramujas, LR Sewanan, JM Brophy	<i>medRxiv</i>
TOCILIZUMAB IN COVID-19—A BAYESIAN REANALYSIS OF RECOVERY	2021
M Aflaki, A Flannery, JP Ferreira, MP Cheng, N Kronfli, A Marelli, ...	<i>Trials</i>
MANAGEMENT OF RENIN-ANGIOTENSIN-ALDOSTERONE SYSTEM BLOCKADE IN PATIENTS ADMITTED TO HOSPITAL WITH CONFIRMED CORONAVIRUS DISEASE (COVID-19) INFECTION (THE MCGILL RAAS-COVID-19 ...	2021
S Rinfret, I Jahan, K McKenzie, N Dendukuri, KR Bainey, S Mansour, ...	<i>CJC open</i>
THE COVID-19 PANDEMIC AND CORONARY ANGIOGRAPHY FOR ST-ELEVATION MYOCARDIAL INFARCTION, USE OF MECHANICAL SUPPORT, AND MECHANICAL COMPLICATIONS IN CANADA: A CANADIAN ASSOCIATION ...	2021
M Samuel, JM Brophy, L D'Aronco, JC Tardif, P Khairy	<i>Canadian Journal of Cardiology</i>
DISTORTING EFFECT OF IMMORTAL TIME BIAS ON THE ASSOCIATION BETWEEN CATHETER ABLATION FOR ATRIAL FIBRILLATION AND INCIDENT STROKE: CAVEAT EMPTOR	2021
JM Brophy	<i>Canadian Journal of Cardiology</i>
BAYESIAN ANALYSES OF CARDIOVASCULAR TRIALS—BRINGING ADDED VALUE TO THE TABLE	2021
JM Brophy	<i>Canadian Journal of Cardiology</i>
KEY ISSUES IN THE STATISTICAL INTERPRETATION OF RANDOMIZED CLINICAL TRIALS	2021
TJC Perreault S, Dragomir A, Côté R, Lenglet A, White-Guay B, de Denus S ...	<i>Pharmacotherapy</i>
COMPARATIVE EFFECTIVENESS AND SAFETY OF HIGH-DOSE RIVAROXABAN AND APIXABAN FOR ATRIAL FIBRILLATION: A PROPENSITY SCORE-MATCHED COHORT STUDY	2021
JM Brophy	
RE: COVID TESTING IN TRAVELLERS-CAN WE BE SMARTER?	2021
G Nakhlé, JM Brophy, C Renoux, P Khairy, P Bélisle, J LeLorier	<i>Journal of clinical epidemiology</i>
DOMPERIDONE INCREASES HARMFUL CARDIAC EVENTS IN PARKINSON'S DISEASE: A BAYESIAN RE-ANALYSIS OF AN OBSERVATIONAL STUDY	2021
J Rouette, JM Brophy, T Schuster, L Azoulay	<i>PHARMACOEPIDEMIOLOGY AND DRUG SAFETY</i>
TREATMENT TRAJECTORY OF ANTIHYPERTENSIVE DRUGS IN UK PRIMARY CARE PRACTICES	2021
AM Albuquerque, TC Lee, DR Williams, L Tramujas, JM Brophy	
ANALYSIS PLAN DOES SARILUMAB REDUCE MORTALITY IN HOSPITALIZED PATIENTS FOR COVID-19? A BAYESIAN REANALYSIS	2021
S Perreault, A Dragomir, R Côté, A Lenglet, S De Denus, M Dorais, ...	<i>Frontiers in pharmacology</i>
COMPARATIVE EFFECTIVENESS AND SAFETY OF LOW-DOSE ORAL ANTICOAGULANTS IN PATIENTS WITH ATRIAL FIBRILLATION	2021

Publications 2020

JM Brophy	<i>JAMA Internal Medicine</i>
BAYESIAN INTERPRETATION OF THE EXCEL TRIAL AND OTHER RANDOMIZED CLINICAL TRIALS OF LEFT MAIN CORONARY ARTERY REVASCULARIZATION	2020
S Cohen, A Liu, F Wang, L Guo, JM Brophy, M Abrahamowicz, J Therrien, ...	<i>International Journal of Cardiology</i>
RISK PREDICTION MODELS FOR HEART FAILURE ADMISSIONS IN ADULTS WITH CONGENITAL HEART DISEASE	2020
EM Jolicoeur, N Dendukuri, P Belisle, G Range, G Souteyrand, F Bouisset, ...	<i>Canadian Journal of Cardiology</i>
IMMEDIATE VS DELAYED STENTING IN ST-ELEVATION MYOCARDIAL INFARCTION: RATIONALE AND DESIGN OF THE INTERNATIONAL PRIMACY BAYESIAN RANDOMIZED CONTROLLED TRIAL	2020
P Theriault-Lauzier, H Alsosaimi, N Mousavi, J Buithieu, M Spaziano, ...	<i>International journal of computer assisted radiology and surgery</i>
RECURSIVE MULTIREOLUTION CONVOLUTIONAL NEURAL NETWORKS FOR 3D AORTIC VALVE ANNULUS PLANIMETRY	2020
JM Brophy	<i>bmj</i>
US PURCHASES WORLD STOCKS OF REMDESIVIR: WHY THE REST OF THE WORLD SHOULD BE GLAD TO BE AT THE BACK OF THE QUEUE	2020
M Samuel, B Batomen, J Rouette, J Kim, RW Platt, JM Brophy, ...	<i>BMJ open</i>
EVALUATION OF PROPENSITY SCORE USED IN CARDIOVASCULAR RESEARCH: A CROSS-SECTIONAL SURVEY AND GUIDANCE DOCUMENT	2020

F Wang, LH Sterling, A Liu, JM Brophy, G Paradis, A Marelli	<i>International journal of cardiology</i>
RISK OF READMISSION AFTER HEART FAILURE HOSPITALIZATION IN OLDER ADULTS WITH CONGENITAL HEART DISEASE	2020
J Ben-Shoshan, P Overtchok, J Buithieu, N Mousavi, G Martucci, ...	<i>JACC: Cardiovascular Interventions</i>
PREDICTORS OF OUTCOMES FOLLOWING TRANSCATHETER EDGE-TO-EDGE MITRAL VALVE REPAIR	2020
F Wang, A Liu, JM Brophy, S Cohen, M Abrahamowicz, G Paradis, ...	<i>Circulation: Heart Failure</i>
DETERMINANTS OF SURVIVAL IN OLDER ADULTS WITH CONGENITAL HEART DISEASE NEWLY HOSPITALIZED FOR HEART FAILURE	2020
JM Brophy	<i>BMJ Opinion</i>
COVID-19: CONTROVERSIAL TRIAL MAY ACTUALLY SHOW THAT MASKS PROTECT THE WEARER	2020
J Rouette, JM Brophy, T Schuster, L Azoulay	<i>PHARMACOEPIDEMIOLOGY AND DRUG SAFETY</i>
PRESCRIBING TRENDS OF ANTIHYPERTENSIVE DRUGS IN THE UNITED KINGDOM: A 30-YEAR ASSESSMENT	2020
G Nakhle, J Brophy, P Khairy, J LeLorier, C Renoux, P Belisle	<i>PHARMACOEPIDEMIOLOGY AND DRUG SAFETY</i>
A BAYESIAN ANALYSIS OF OBSERVATIONAL STUDIES: THEORETICAL AND PRACTICAL CONSIDERATIONS	2020
J Brophy	<i>Annals of Internal Medicine</i>
IN ADULTS WITH CHEST PAIN, A TROPONIN LIMIT OF DETECTION STRATEGY DID NOT INCREASE EARLY DISCHARGE RATE	2020
R Puri, JM Brophy, MJ Mack	<i>Journal of the American College of Cardiology</i>
REVASCULARIZING DIABETIC MULTIVESSEL CORONARY ARTERY DISEASE IN THE 2020S: FOREVER SURGICALLY SWEET?	2020
M Etminan, JM Brophy, A Samii	
'UPDATE': ORAL FLUOROQUINOLONE USE AND RISK OF PERIPHERAL NEUROPATHY: A PHARMACOEPIDEMIOLOGIC STUDY	2020
JM Brophy	<i>Canadian Journal of Cardiology</i>
THE DOLLARS AND SENSE OF TRANSCATHETER AORTIC VALVE REPLACEMENT: AN EXAMPLE OF THE BENEFIT OF AVOIDING STENOSES IN HEALTH CARE SERVICES RESEARCH	2020
M Aloosh, S Leclerc, S Long, G Zhong, JM Brophy, T Schuster, R Steele, ...	
ONE-YEAR TEST-RETEST RELIABILITY OF TEN VISION TESTS IN CANADIAN ATHLETES [VERSION 4; PEER REVIEW: 1 APPROVED]	2020
JM Brophy	<i>American heart Journal</i>
TARGETING ALL-COMERS- ARE WE DOING AS WELL AS WE CAN?	2020

Top citations

MN Babapulle, L Joseph, P B��lisle, JM Brophy, MJ Eisenberg	<i>The Lancet</i>
A HIERARCHICAL BAYESIAN META-ANALYSIS OF RANDOMISED CLINICAL TRIALS OF DRUG-ELUTING STENTS	2004
• cites: 902	
JM Brophy, L Joseph, JL Rouleau	<i>Annals of internal medicine</i>
BETA BLOCKERS IN CONGESTIVE HEART FAILURE: A BAYESIAN META-ANALYSIS	2001
• cites: 594	
GBJ Mancini, M Etminan, B Zhang, LE Levesque, JM FitzGerald, ...	<i>Journal of the American College of Cardiology</i>
REDUCTION OF MORBIDITY AND MORTALITY BY STATINS, ANGIOTENSIN-CONVERTING ENZYME INHIBITORS, AND ANGIOTENSIN RECEPTOR BLOCKERS IN PATIENTS WITH CHRONIC OBSTRUCTIVE PULMONARY DISEASE	2006
• cites: 524	
M Sousa-Uva, FJ Neumann, A Ahlsson, F Alfonso, AP Banning, ...	<i>European Journal of Cardio-Thoracic Surgery</i>
2018 ESC/EACTS GUIDELINES ON MYOCARDIAL REVASCULARIZATION	2019
• cites: 446	
M Bally, N Dendukuri, B Rich, L Nadeau, A Helin-Salmivaara, E Garbe, ...	<i>bmj</i>
RISK OF ACUTE MYOCARDIAL INFARCTION WITH NSAIDS IN REAL WORLD USE: BAYESIAN META-ANALYSIS OF INDIVIDUAL PATIENT DATA	2017
• cites: 410	

Talks (2022)

St Mary's Hospital Department of Medicine Grand Rounds Rounds

DUAL ANTIPLATELET THERAPY (DAPT) IN 2022

Montreal QC Feb 3 2022

McGill University - The 'Crisis' in Health Research

CAN MEDICAL GUIDELINES ADVERSELY AFFECT THE HEALTH COMMONS?

Montreal QC April 11 2022

Talks (2021)

McGill University Health Center Cardiovascular Rounds

BAYES MEETS THE NEJM

Montreal QC Sept 13 2021

McGill University Health Center Department of Medicine Grand Rounds Rounds

BAYES MEETS THE NEJM

Montreal QC Sept 20 2021

McGill University Department of Epidemiology, Biostatistics and Occupational Health Fall Seminar Series

USING A 250 YEAR OLD LENS TO ANALYSE CONTEMPORARY CARDIOVASCULAR TRIALS

Montreal QC Sept 27 2021

Quebec Society of vascular sciences annual scientific meeting

COLCHICINE AND CORONARY ARTERY DISEASE

Montreal Oct 26 2021

Talks (2020)

McGill University The 'Crisis' in Health Research and its Implications for Research, Health Policy and Clinical Practice

CAN MEDICAL GUIDELINES ADVERSELY AFFECT THE HEALTH COMMONS?

Montreal QC Feb 2020

McGill Department of Medicine

FRQS INFORMATION SESSION

Montreal QC June 2020

Combined Jewish General Hospital-McGill University Health Center Cardiovascular Rounds

A BAYESIAN APPROACH TO LEFT MAIN DISEASE – HOW HAS THE EXCEL TRIAL MOVED THE NEEDLE?

Montreal QC Sept 2020

34th Annual European Association for Cardio-thoracic Surgery

THE ROLE OF SYNTAX SCORE FOR TREATMENT DECISION MAKING

Barcelona Spain Oct 2020