

University of Calgary
Faculty of Medicine
CURRICULUM VITAE

I. BIOGRAPHICAL DATA

Name: Matthew T James
Present Rank: Assistant Professor
Division: Nephrology
Department: Medicine
Cross-appointment: Community Health Sciences
Faculty: Faculty of Medicine
Institution: University of Calgary

II. ACADEMIC RECORD

Final Degrees: PhD, MD, BSc
Specialty: Epidemiology, Nephrology, Internal Medicine
Institution/City/Country: University of Calgary, Calgary, Canada

i. Undergraduate

BSc, Biochemistry, 1993/98, University of Victoria, Victoria, BC, Canada
MD, Doctor (Medical), 1998/02, University of British Columbia, Vancouver, BC, Canada

ii. Special professional

Nephrology Research Fellow, University of Calgary, Faculty of Medicine, 2007-2009, Calgary, AB, Canada
Attending Physician, Calgary Health Region, Division of Nephrology, Department of Medicine, 2007-2009-present, Calgary, AB, Canada
Clinical Scholar, University of Calgary, Division of Nephrology, Department of Medicine, 2009-2010, Calgary, AB, Canada

iii. Graduate and Post-Doctoral

Resident, Internal Medicine Clinical Residency, Fellow Health Professional, Internal Medicine, 2003/05, University of Calgary, Calgary, AB, Canada
Fellowship, Nephrology Clinical, Fellow Health Professional Nephrology, 2005-2007, University of Calgary, Calgary, AB, Canada
Fellowship, Nephrology Clinical Research, Alberta Kidney Disease Network, 2007-2009, University of Calgary, Calgary, AB, Canada
PhD, Epidemiology, 2007-2011/11, Department of Community Health Sciences, University of Calgary, Calgary, AB, Canada
Visiting Researcher, Division of Nephrology, Department of Medicine, 2008-2009, Stanford University, California, USA

iv. Licensure, certification, and boards

License, College of Physicians and Surgeons of Alberta, Medicine, 2004-present
Specialist Certification, Royal College of Physicians and Surgeons of Canada, Internal Medicine, 2006-present
License, Alberta College of Physicians and Surgeons, Medicine/Nephrology, 2007-present
Specialist Certification, Royal College of Physicians and Surgeons of Canada, Adult Nephrology, 2007-present

III. AWARDS AND DISTINCTIONS

2014/07	Monique Bégin New Investigator Award Knowledge Translation
2014/07	Canadian Institutes for Health Research New Investigator Award
2014/04	Canadian Society of Nephrology/Amgen New Investigator Lectureship Award
2013/11	Resident Research Preceptor Award, Department of Medicine, University of Calgary
2012/06	Petro Canada Young Innovator in Community Health, University of Calgary
2012/07– 2015/06	Kidney Foundation of Canada, KRESCENT New Investigator Award
2010/05	Izaak Walton Killam Pre-Doctoral Scholarship
2010/03	J.B. Hyne Research Innovation Award, University of Calgary, Faculty Graduate Studies
2010/07 – 2010/12	Queen Elizabeth Post-graduate Scholarship, University of Calgary
2009/11	Libin Cardiovascular Institute, University of Calgary, Top Trainee Presentation
2007/07 - 2010/06	Kidney Foundation of Canada, KRESCENT Post-Doctoral Fellowship
2007/07 - 2010/12	Alberta Heritage Foundation for Medical Research, Clinical Research Scholarship
2007/05 - 2007/06	Canadian Society of Nephrology, Top Trainee Presentation
2007/02 - 2007/03	Nephrology Forum, Top Trainee Presentation
2004/05	University of Calgary, Research Presentation
2002/05	University of British Columbia, Hamber Gold Medal, Undergraduate Medicine
2001/09	University of British Columbia, Hamber Scholarship, Undergraduate Medicine
2000/09 - 2001/05	University of British Columbia, David and Anne Beach Scholarship
1999/09 - 2000/05	University of British Columbia, Gwynne Vaughn Memorial Award,
1998/09 - 1999/05	University of British Columbia, Harold James Russell Prize,
1997/09 - 1998/04	University of Victoria, V.G. Criswick Scholarship,
1993/09 - 1994/04	University of Victoria, President's Entrance Scholarship,
1993/06	Government of Canada, Governor General's Bronze Medal

IV. ADMINISTRATIVE AND EDUCATIONAL RESPONSIBILITIES

i. Graduate Student Committees

2014/10 – present	MSc Thesis Co-Supervisor, Michael Gerling, Department of Pathology and Laboratory Sciences, University of Calgary
2014/06 – present	MSc Thesis Supervisor, Todd Wilson, Department of Community Health Sciences, University of Calgary
2014/06 – present	MSc Thesis Committee Member, Sharanya Ramesh, Department of Medical Sciences,

	University of Calgary
2014/04 – present	MSc Thesis Committee Member, Dan Devoe, Department of Community Health Sciences, University of Calgary
2013/09 – present	MSc Thesis Co-Supervisor, Marcus Povitz, Department of Community Health Sciences, University of Calgary
2013/09 – present	MSc Thesis Committee Member, Jason Jiang, Department of Community Health Sciences, University of Calgary
2011/08 – 2013/04	MSc Thesis Co-Supervisor, Rob Weaver, Department of Community Health Sciences, University of Calgary

ii University Committees

2014/04 – present	Head, Division of Nephrology Resident Academic Half Day Curriculum on Acute Kidney Injury, University of Calgary, Canada
2013/09 – present	Member, Health Services Research Education Specialization Graduate Education Committee, Department of Community Health Sciences, University of Calgary, Alberta, Canada
2012/02 – present	Member, Research Executive Committee, Libin Cardiovascular Institute of Alberta, University of Calgary, Canada
2011/09 – present	Course Preceptor, MDCH 741, Systematic Review and Meta-analysis Course. Department of Community Health Sciences, University of Calgary, Canada
2011/09 – present	Member, Education Committee. Libin Cardiovascular Institute of Alberta, University of Calgary, Canada
2011/01 - present	Head, Division of Nephrology Clinical Innovation Program, Nurse Practitioner Clinic Program Department of Medicine, University of Calgary, Canada
2009/07 – present	Head, Acute Kidney Injury Curriculum Component, Renal Course, Undergraduate Medical Education Program – Department of Medicine, University of Calgary

iii National Committees

2014/05 – present	Lead, Canadian Chronic Kidney Disease Database Network, Canadian Society of Nephrology, Canada
2014/07 – present	Co-Investigator, Interdisciplinary Chronic Disease Collaboration, Alberta, Canada
2014/02 – present	Committee Member, Canadian Institutes for Health Research. Doctoral Research Awards B
2013/05 – present	Co-Director of Research, Alberta Provincial Project for Outcomes Assessment in Coronary Heart Disease (APPROACH), Alberta, Canada
2012/06 – present	Member, Chronic Kidney Disease Prognosis Consortium (CKD-PC)
2011/07 – present	Member, Knowledge Translation Working Group. Canadian Network for Observational Drug Efficacy Studies (CNODES). Drug Safety and Effectives Network (DSEN), Canada
2010/07 – present	Member, Alberta Kidney Disease Network (AKDN), Alberta, Canada

V. RESEARCH SUPPORT

2014/09 – 2016/08	Canadian Institutes of Health Research. Operating Grant. A Prognostic Tool To Inform Management of Acute Coronary Syndrome in People with Kidney Disease. \$107,340. Funded, Principal Investigator.
2014/07 – 2016/06	MSI Foundation. Operating Grant, Refined prognostication in coronary artery disease using routine laboratory data. \$49,000. Funded, Co-applicant.
2014/07 – 2017/06	Canadian Institutes of Health Research. Operating Grant, Epidemiology, costs and

2014/07 – 2019/06	consequences of multimorbidity, \$384,265. Funded, Co-applicant. Canadian Institutes for Health Research. Inflammation and Disease Team Grant, Nod-like receptors: linking innate immunity and inflammation to chronic disease, \$365,725. Funded, Co-investigator.
2013/09 – 2015/08	Canadian Institutes of Health Research. Operating Grant, Identifying Opportunities to Improve Care for Patients after Acute Kidney Injury, \$121,790. Funded, Co-applicant.
2013/07 – 2014/06	Alberta Innovates – Health Solutions, Improving Early Identification of Acute Kidney Injury after Major Surgery Through Use of the Knowledge to Action Cycle, \$25,000. Funded, Principal investigator.
2013/07 – 2015/07	Canadian Institutes of Health Research. Operating Grant, Predicting the need for community care for chronic kidney disease following hospitalization with acute kidney injury, \$136,504. Funded, Principal investigator.
2012/06 – 2013/06	University of Calgary, Petro Canada Young Innovator in Community Health Sciences, Identification and evaluation of quality of care indicators for acute kidney injury, \$21,000, Funded, Principal investigator.
2012/07 – 2015/06	Kidney Foundation of Canada, KRESCENT New Investigator Award, Processes of Care and Clinical Outcomes of Acute Kidney Injury: A Multidisciplinary Research Program, \$25,000, Funded, Principal investigator.
2012/03 – 2013/04	Department of Medicine and Surgery Research Development Fund Award, University of Calgary, Predictors of Acute Kidney Injury after Major Surgery \$12,500, Funded, Co-Principal investigator.
2011/07 – 2013/06	MSI Foundation, Coronary revascularization and quality of life for patients with chronic kidney disease in Alberta, \$94,000, Funded, Principal investigator.
2011/07 – 2012/06	University of Calgary, Care in Alberta after coronary angiography associated acute kidney injury, \$18,000, Funded, Principal-investigator
2011/07 – 2014/06	Canadian Institutes for Health Research, Curcumin to prevent peri-operative complications after abdominal aortic aneurysm repair, \$391,284, Funded, Co-applicant
2011/07 – 2013/06	Canadian Institutes for Health Research, Complications of arteriovenous fistulae, grafts, and catheters for hemodialysis; risk patterns, comparability, and impact on patient outcomes, \$74,499, Funded, Co-applicant
2011/07 – 2013/06	Canadian Institutes for Health Research, Improving risk prediction for mortality and progression to kidney failure in older adults using eGFR and proteinuria, \$101,000, Funded, Co-applicant
2010/07 – 2012/06	Division of Nephrology Research Fund, University of Calgary, Vascular access type and clinical outcomes in hemodialysis; a systematic review and meta-analysis, \$16,000, Funded, Co-Principal-investigator
2010/07 – 2011/06	Biomedical Research – Kidney Foundation of Canada, The role of chronic kidney disease in the epidemiology of acute kidney injury, \$48,890, Funded, Co-applicant
2010/07 – 2011/06	Canadian Institutes for Health Research, Predicting Acute Kidney Injury (AKI) in Patients Undergoing Cardiac Surgery, \$57,826, Funded, Co-applicant
2010/07 – 2012/06	Canadian Institutes for Health Research, Coronary angiography for patients with Stage 4 and 5 non-dialysis chronic kidney disease: a decision analysis., \$78,000, Awarded / Declined, Principal-investigator
2010/07 – 2012/06	Biomedical Research –Kidney Foundation of Canada, Coronary angiography for patients with Stage 4 and 5 non-dialysis chronic kidney disease: a decision analysis, \$100,000, Funded, Principal-investigator
2008/07 - 2009/06	Biomedical Research -Kidney Foundation of Canada, Contrast induced nephropathy and progression of kidney disease after coronary angiography., \$48,295, Funded, Co-principal-investigator

VI. INVITED ADDRESSES / PRESENTATIONS

i. Presentations

- 2014/11 Kidney function, albuminuria, and risk of acute kidney injury in patients with diabetes and hypertension, American Society of Nephrology, Philadelphia, PA, Invited Presentation
- 2014/04 Risk-treatment paradoxes in management of coronary heart disease in CKD. Canadian Society of Nephrology/Amgen New Investigator Lectureship Award, Vancouver, BC, Invited Presentation
- 2014/04 Long-term Outcomes of Acute Kidney Injury. Canadian Society of Nephrology, Vancouver, BC, Invited Presentation
- 2013/11 Outcomes with Invasive versus Conservative Treatment of Coronary Heart Disease in People with Kidney Disease: Application of a Propensity Matched Cohort Study, Institute for Public Health, Calgary, Alberta, Invited Presentation
- 2013/04 Update on the KDIGO 2012 Guidelines for Acute Kidney Injury. Annual Meeting of the Canadian Society of Nephrology, Montreal, Quebec, Invited Presentation
- 2013/02 Clinical Implications of Acute Kidney Injury in the Development of Chronic Kidney Disease. Young Investigators Form, Montreal Quebec, Invited Presentation
- 2012/06 Renal Outcomes Following Early Invasive versus Conservative Management of Acute Coronary Syndrome. APPROACH National Meeting, Calgary, Alberta, Invited Presentation
- 2012/04 Evaluating the Contribution of New Markers to Clinical Risk Prediction of Acute Kidney Injury. KRESCENT Meeting, St John's, Newfoundland, Invited Seminar
- 2012/03 Contrast Associated Kidney Injury: Is it Worth the Risks? Department of Medicine Grand Rounds, University of Calgary, Calgary, Alberta, Invited Presentation
- 2012/03 Prognostic Relevance of Kidney Dysfunction Before and After Coronary Procedures. Cardiac Sciences Rounds, University of Calgary, Calgary, Alberta, Invited Presentation.
- 2011/04 Improving Long-term Outcomes of Acute Kidney Injury: Role in the Development of Chronic Kidney Disease and End-stage Renal Disease: World Congress of Nephrology, Vancouver, BC, Invited Presentation.
- 2010/06 Acute kidney injury, cardiovascular, and renal outcomes following coronary angiography. APPROACH National Meeting, Calgary, AB, Oral presentation.
- 2010/06 Research in acute kidney injury in Alberta. Alberta Heritage Foundation for Medical Research Fellows Lightning Talks, Alberta Innovates Health Solutions, Jasper, Alberta, Oral presentation.
- 2010/05 Association between acute kidney injury, cardiovascular, and renal outcomes following coronary angiography. Canadian Society of Nephrology Meeting, Montreal, Quebec, Top trainee oral presentation.
- 2009/11 Progression of kidney disease following coronary angiography. Libin Cardiovascular Research Institute, Research Conference, University of Calgary, Alberta, Awarded top trainee oral presentation.
- 2009/10 Effect of acute kidney injury on progression of chronic kidney disease following coronary angiography. American Society of Nephrology Meeting, San Diego, CA, Oral presentation
- 2009/06 Acute kidney injury and progression of kidney dysfunction following coronary angiography. APPROACH National Meeting, Calgary, AB, Oral presentation.
- 2009/05 Effect of acute kidney injury on progression of chronic kidney disease following coronary angiography. Canadian Society of Nephrology, Edmonton, AB, Oral presentation.
- 2009/05 Effect of ACE inhibitors/ARB on LV mass in patients on hemodialysis, Canadian Society of Nephrology, London, ON, Poster presentation.
- 2008/11 Chronic kidney disease and risk of hospitalization with pneumonia, American Society of Nephrology Meeting, Philadelphia, PA, Poster presentation.
- 2008/05 Risk of acute kidney injury following coronary angiography in Alberta Canada, Canadian Society of Nephrology Meeting, London ON, Poster presentation.
- 2007/11 Chronic kidney disease and risk of bloodstream infection and death, American Society of Nephrology Meeting, San Francisco, Poster presentation.
- 2007/05 Chronic kidney disease and risk of bloodstream infection, Canadian Society of Nephrology Meeting, Halifax, NS, Oral presentation, Top Trainee Presentations.
- 2007/02 Chronic kidney disease and risk of bloodstream infection, Nephrology Educators Forum, Lake Louise, AB, Oral

	presentation, 3 rd Standing, Top Nephrology Trainee Presentation.
2006/11	Mycophenolate mofetil for induction therapy for lupus nephritis: a systematic review, American Society of Nephrology Meeting, San Diego, CA, Poster presentation.
2006/05	Mycophenolate mofetil for induction therapy for lupus nephritis: a systematic review, Canadian Society of Nephrology Meeting, Quebec, QC, Poster presentation.
2005/11	Reduction in Misclassification of Albumin status using a locally equation for albumin-adjusted calcium, American Society of Nephrology Meeting, Philadelphia, PA, Poster presentation.
2005/05	Reduction in Misclassification of Albumin status using a locally equation for albumin-adjusted calcium, University of Calgary Internal Medicine Resident Research Day, Calgary, AB, Poster presentation.
2004/05	Improvement in the quality of teaching at morning report through an educational intervention, University of Calgary Internal Medicine Resident Research Day, Calgary, AB, Oral presentation

VII. PUBLICATIONS

Published Peer Reviewed Manuscripts (students for whom I provided supervision are underlined)

1. **James MT**, Grams M, Woodward M, Elley CR, Green JA, Wheeler DC, de Jong P, Gansevoort RT, Levey AS, Warnock DG, Sarnak M. A Meta-analysis of the Association of Estimated GFR, Albuminuria, Diabetes Mellitus, and Hypertension with AKI. *Am J Kidney Dis*. 2015 In press.
2. **James MT**, Pannu N, Dueck R, Karsanji D, Tonelli M, Hemmelgarn BR, Manns BJ, Bagshaw SM, Stelfox HT, Dixon E. A Modified Delphi Process to Identify Process of Care Indicators for the Identification, Prevention and Management of Acute Kidney Injury after Major Surgery. *Can J Kidney Health Dis* 2015 In press.
3. Thompson S, **James M**, Wiebe N, Hemmelgarn B, Manns B, Klarenbach S, Tonelli M. Cause of Death in Patients with Reduced Kidney Function. *J Am Soc Nephrol*. 2015 Mar 2. Epub.
4. **James MT**. Longitudinal studies 4: matching strategies to evaluate risk. *Methods Mol Biol*. 2015;1281:133-43.
5. Penz E, Boffa J, Roberts DJ, Fisher D, Cooper R, Ronksley PE, **James MT**. Diagnostic accuracy of the Xpert(®) MTB/RIF assay for extra-pulmonary tuberculosis: a meta-analysis. *Int J Tuberc Lung Dis*. 2015 Mar;19(3):278-84.
6. Jun M, **James MT**, Manns BJ, Quinn RR, Ravani P, Tonelli M, Perkovic V, Winkelmayr WC, Ma Z, Hemmelgarn BR. The association between kidney function and major bleeding in older adults with atrial fibrillation initiating warfarin therapy: a population-based cohort study. *BMJ* 2015 In press.
7. Roberts DJ, Leigh-Smith S, Faris PD, Blackmore C, Ball CG, Robertson HL, Dixon E, **James MT**, Kirkpatrick AW, Kortbeek JB, Stelfox HT. Clinical Presentation of Patients with Tension Pneumothorax: A Systematic Review. *Ann Surg* 2015 Jan 5 Epub.
8. Turin T, Ahmed SB, Tonelli M, Manns B, Ravani P, **James M**, Quinn RR, Jun M, Gansevoort R, Hemmelgarn B. Kidney function, albuminuria, and life expectancy, *Can J Kidney Health Dis* 2014;1:33.
9. Pickering JW, **James MT**, Palmer S. Acute Kidney Injury and Prognosis after Cardiopulmonary Bypass: A Systematic Review. *Am J Kidney Dis* 2015;65(2)283-293.
10. Povitz M, Bolo CE, Heitman SJ, Tsai WH, Wang J, **James MT**. Effect of treatment of obstructive sleep apnea on depressive symptoms: systematic review and meta-analysis. *PLoS Med* 2014;11(11):e1001762.
11. **James MT**, Dixon E, Roberts DJ, Barry R, Balint C, Bharwani A, Buie, WD, Godinez T, Hemmelgarn BR, Kortbeek JB, Manns BJ, Marin A, Scott-Douglas A, Stelfox, HT, Pannu N. Improving Prevention, Early Recognition and Management of Acute Kidney Injury after Major Surgery: A Planning Meeting with Multidisciplinary Stakeholders. *Can J Kidney Health Dis* 2014 Aug 6 Epub.
12. Leung KCW, Pannu N, Tan Z, Ghali WA, Knudtson ML, Tonelli M, Manns BJ, Hemmelgarn BR, **James MT**. Contrast-associated acute kidney injury and use of cardiovascular medications after acute

- coronary syndrome. Clin J Am Soc Nephrol 2014 7;9(11):1840-8. With accompanying editorial.
13. Wilton SB, Southern DA, Ng J, Martin BJ, Knudtson ML, Galbraith PD, **James MT**, Ghali WA. Characterizing types of readmission after acute coronary syndrome hospitalization: Implications for quality reporting. J Am Heart Assoc 2014 3(5):e001046.
 14. Turin TC, **James MT**, Jun M, Tonelli M, Coresh J, Manns BJ, Hemmelgarn BR. Short-term change in eGFR and risk of cardiovascular events. J Am Heart Assoc 2014 3(5):e000997.
 15. Harel Z, Bell CM, **James MT**, Garg AX, Harel S, Wald R. Predictors of Progression to Chronic Dialysis in Survivors of Acute Kidney Injury. BMC Nephrol 2014 10;15:114.
 16. Weaver R, Hemmelgarn BR, Rabi D, Sargious P, Edwards A, Tonelli M, Manns BJ, **James MT**. Association between participation in a brief diabetes education program and change in glycemic control in adults with newly diagnosed diabetes. Diabet Med. 2014 Dec;31(12):1610-4 .
 17. Dormuth C, Paterson M, Filion K, **James M**, Teare G, Raymond C, Rahme E, Tamim H. Higher potency statins and the risk of new diabetes: Multi-centre observational study of administrative databases. BMJ. 2014 May 29;348:g3244.
 18. Yavin D, Lu J, **James MT**, Roberts DJ, Sutherland GR, Jette N, Wiebe S. Diagnostic accuracy of intraocular pressure measurement for the detection of raised intracranial pressure: A systematic review and meta-analysis. J Neurosurg. 2014 Sept; 121(3):680-7.
 19. Tonelli M, Muntner P, Lloyd A, Manns B, Klarenbach S, Pannu N, **James M**, Hemmelgarn B. Impact of Age on the Association Between CKD and the Risk of Future Coronary Events. Am J Kidney Dis. 2014 Sept;64(3):375-82.
 20. Wiebe N, Klarenbach SW, Allan M, Pelletier R, **James MT**, Bello A, Hemmelgarn BR, Tonelli M. Potentially preventable hospitalization as a complication of CKD: A cohort study. Am J Kid Dis 2014 Aug;64(2):230-8.
 21. Shah M, Jain AK, Brunelli SM, Coca SG, Devereaux PJ, **James MT**, Luo J, Molnar AO, Mrkobrada M, Pannu N, Parikh CR, Paterson M, Shariff S, Wald R, Walsh M, Whitlock R, Wijeyesundera DN, Garg AX. Association between angiotensin converting enzyme inhibitor or angiotensin receptor blocker use prior to major elective surgery and the risk of acute dialysis. BMC Nephrol. 2014 Apr 2;15:53.
 22. **James MT**, Pannu N. Early invasive strategies for management of coronary heart disease in chronic kidney disease: Is acute kidney injury a consideration? Curr Opin Nephrol Hypertens 2014 May;23(3):283-90.
 23. **James MT**, Wald R. Acute kidney injury: Not just a short-term problem? Clin J Am Soc Nephrol 2014; 9(3):435-6.
 24. Nohr E, Girard L, **James MT**, Benediktsson H. Validation of a Histopathologic Classification Scheme for ANCA-Associated Glomerulonephritis. Hum Pathol. 2014 Jul;45(7):1423-9.
 25. Roberts DJ, Niven DJ, **James MT**, Ball CG, Kirkpatrick AW. Thoracic ultrasonography versus chest radiography for detection of pneumothoraces: challenges in deriving and interpreting summary diagnostic accuracy estimates. Crit Care. 2014 Mar 6;18(2):416.
 26. Ravani P, Gillespie BW, Quinn RR, MacRae J, Manns B, Mendelssohn D, Tonelli M, Hemmelgarn B, **James M**, Pannu N, Robinson BM, Zhang X, Pisoni R. Temporal Risk Profile for Infectious and Noninfectious Complications of Hemodialysis Access. J am Soc Nephrol. 2013;24(10):1668-77.
 27. Turin TC, **James M**, Ravani P, Tonelli M, Manns BJ, Quinn RR, Klarenbach S, Jun M, Hemmelgarn BR. Proteinuria and rate of change in kidney function in a community based population. J Am Soc Nephrol. 2013;24(10):1661-7.
 28. **James MT**, Tonelli M, Ghali WA, Knudtson ML, Faris P, Manns BJ, Pannu N, Hemmelgarn BR. Renal outcomes following early invasive versus conservative management of acute coronary syndrome. BMJ 2013;347:f4151.
 29. Tonelli M, Muntner P, Lloyd A, Manns B, Klarenbach S, Pannu N, **James M**, Hemmelgarn B. Association between LDL-C and Risk of Myocardial Infarction in CKD. J Am Soc Nephrol. 2013 May;24(6):979-86.

30. **Elliott MJ, James MT**, Quinn RR, Ravani P, Tonelli M, Palacios-Derflingher L, Tan Z, Manns BJ, Kline GA, Ronksley PE, Hemmelgarn BR. Estimated GFR and Fracture Risk: A Population-based Study. *Clin J Am Soc Nephrol*. 2013;8(8):1367-76.
31. **James MT**, Bouchard J, Ho J, Klarenbach S, Lafrance JP, Rigatto C, Wald R, Zappitelli M, Pannu N, Canadian Society of Nephrology Commentary on the 2012 Kidney Disease Improving Global Outcomes Clinical Practice Guidelines for Acute Kidney Injury, *Am J Kidney Dis*. 2013 May;61(5):673-85.
32. **Afra K, James MT**, Hyponatremia and polyuria in an elderly woman. *CMAJ*, 2013;185(12):1055-8.
33. Dormuth CR, Hemmelgarn BR, Paterson M, **James MT**, Teare GR, Raymond C, Levy A, Ernst P, for the Canadian Network for Observational Drug Effect Studies (CNODES). High potency statins and acute kidney injury. *BMJ*. 2013 Mar 18;346:f880.
34. **Barber CE, Kim J**, Inman R, Esdaile J, **James MT**. Antibiotics for treatment of reactive arthritis: a systematic review and meta-analysis. *J Rheumatol*, 2013; 40(6):916-28.
35. **James MT**, Samuel SM, Manning MA, Tonelli M, Ghali WA, Faris P, Knudtson ML, Pannu N, Hemmelgarn BR. Contrast-Induced Acute Kidney Injury and Risk of Adverse Clinical Outcomes following Coronary Angiography: A Systematic Review and Meta-analysis. *Circulation CV Int* 2013 Feb 1;6(1):37-43.
36. **Roberts DJ, Chaubey VP**, Zygun DA, Lorenzetti D, Faris PD, Ball CG, Kirkpatrick AW, **James MT**. Diagnostic Accuracy of Computed Tomographic Angiography for Blunt Cerebrovascular Injury Detection in Trauma Patients: A Systematic Review and Meta-Analysis. *Ann Surgery*, 2013 Apr;257(4):621-32
37. Ravani P, Palmer SC, Oliver MJ, Quinn RR, MacRae JM, Tai DJ, Pannu NI, Thomas C, Hemmelgarn BR, Craig JC, Manns B, Tonelli M, Stripolli GM, **James MT**. Associations between Hemodialysis Access Type and Clinical Outcomes: A Systematic Review. *JASN* 2013 Feb;24(3):465-73.
38. Pannu N, **James M**, Hemmelgarn B, Klarenbach S. Association between acute kidney injury, recovery of renal function, and long-term outcomes after hospital discharge. *Clin J Am Soc Nephrol* 2013 Feb;8(2):194-202.
39. Turin TC, Tonelli M, Manns BJ, Ahmed SB, Ravani P, **James M**, Hemmelgarn BR, Proteinuria and life expectancy. *Am J Kidney Dis* 2013;61(4):646-8.
40. **Leung KCW**, Tonelli M, **James MT**. Chronic kidney disease after acute kidney injury – risk and outcome. *Nature Rev Nephrol* 2013 Feb;9(2):77-85.
41. Turin TC, Tonelli M, Manns BJ, Ahmed SB, Ravani P, **James M**, Hemmelgarn BR. Lifetime risk of ESRD. *J Am Soc Nephrol* 2012 Sep;23(9):1569-78.
42. Hemmelgarn BR, **James MT**, Tan Z, Manns BJ, Quinn RR, Ravani P, Munter P, O’Hare AM, Tonelli M. Rates of treated and untreated kidney failure in older versus younger adults. *JAMA* 2012. 307(23):2507-2515.
43. Tonelli M, Muntner P, Lloyd A, Manns BJ, Klarenbach SW, Pannu N, **James MT**, Hemmelgarn B. Risk of coronary events in people with chronic kidney disease compared with those with diabetes: a population-level cohort study. *Lancet* 2012. 6736(12):60572-8
44. Bello AK, Hemmelgarn B, Lin M, Manns B, Klarenbach S, Thompson S, **James M**, Tonelli M. Impact of remote location on quality care delivery and relationships to adverse health outcomes in patients with diabetes and chronic kidney disease. *Nephrol Dial Transplant* 2012 Oct;27(10):3849-55.
45. Clark E, Wald R, Levin A, Bouchard J, Adhikari NK, Hladunewich M, Richardson RM, **James MT**, Walsh MW, House AA, Moist LM, Stollery DE, Burns KE, Friedrich JO, Barton J, Lafrance JP, Pannu N, Bagshaw SM. Timing the Initiation of Renal Replacement Therapy for Acute Kidney Injury in Canadian Intensive Care Units: A Multicentre Observational Study. *Can J Anesthesia* 2012 Sep;59(9):861-70.
46. **James MT**, Laupland KB. Examining non-cardiovascular outcomes of chronic kidney disease: eGFR and the risk of infection. *Am J Kidney Dis* 2012. 59(3):327-9.
47. Shurraw S, Hemmelgarn B, Lin M, Majumdar S, Klarenbach S, Manns B, Bello A, **James M**,

- Chowdhury T, Tonelli M. Association between glycemic control and adverse outcomes in people with diabetes and chronic kidney disease. *Arch Int Med* 2011.171(21)1920-27.
48. Ronksley PE, Tonelli M, Quan H, Manns BJ, **James MT**, Clement FM, Samuel S, Quinn RR, Ravani P, Brar SS, Hemmelgarn BR Validating a case definition for chronic kidney disease using administrative data. *Nephrol Dial Transplant* 2011 2012 May;27(5):1826-31.
49. Tonelli M, Klarenbach SW, Lloyd AM, **James MT**, Bello AK, Manns BJ, Hemmelgarn BR Higher estimated glomerular filtration rates may be associated with increased risk of adverse outcomes, especially with concomitant proteinuria. *Kidney Int* 2011. 80(12)1306-14.
50. Bagshaw SM, Wald R, Barton J, Burns KE, Friedrich JE, House AA, **James MT**, Levin A, Moist L, Pannu N, Stollery DE, Walsh MW. Clinical Factors Associated with Initiation of Renal Replacement Therapy in Critically Ill Patients with Acute Kidney Injury - A Prospective Multi-Centre Observational Study. *J. Critical Care* 2011 Jul 2012 Jun;27(3):268-75.
51. Bello AK, Hemmelgarn B, Lloyd A, **James MT**, Manns BJ, Klarenbach S, and Tonelli M. Associations among estimated glomerular filtration rate, proteinuria, and adverse cardiovascular outcomes. *Clin J Am Soc Nephrol*. 2011.6(6)1418-26.
52. Pannu N, **James M**, Hemmelgarn BR, Dong J, Tonelli M, Klarenbach S. Modification of outcomes after acute kidney injury by the presence of CKD. *Am J Kidney Dis*, 2011.58(2)206-13.
53. **James MT**, and Tonelli M. Financial aspects of renal replacement therapy in acute kidney injury. *Semin Dial* 2011 March 24(2):215-219.
54. Clement F, **James MT**, Chin R, Klarenbach S, Quinn RR, Ravani P, Manns BJ, Tonelli M, Hemmelgarn BR. Validating a case definition to define chronic dialysis using outpatient administrative data. *BMC Health Services Research*, 2011 March 1;11:25.
55. Barnieh L, **James MT**, Zhang J, Hemmelgarn BR. Propensity scores methods and their application in nephrology research. *J. Nephrol*, 2011, 24(3)256-62.
56. **James MT**, Ghali WA, Knudtson M, Ravani P, Tonelli M, Faris P, Pannu N, Klarenbach SW, Manns BJ, Hemmelgarn. Associations between acute kidney injury and cardiovascular and renal outcomes following coronary angiography. *Circulation* 2011;123(4)409-416.
57. Tonelli M, Muntner P, Lloyd A, Manns BJ, **James MT**, Klarenbach S, Quinn RR, Wiebe N, Hemmelgarn BR. Using proteinuria and estimated glomerular filtration rate in combination to classify risk in patients with chronic kidney disease. *Ann Intern Med* 2011;154(1)12-21. With accompanying editorial.
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