

**Steven R. Meyer**

MD, PhD, FRCSC

Associate Professor, Cardiac Surgery

**Clinical & Academic Offices:**

2D4.34 Walter Mackenzie HSC  
8440 – 112 Street  
Edmonton, AB T8B 1H9

**Phone:**

780.407.1959

**Alternate Contact:**

Barb Williams

**Phone:**

780.407.1959



**Professional Overview:**

Dr. Meyer completed his Medical School training at the University of British Columbia and his Cardiac Surgery residency and PhD training at the University of Alberta. He undertook fellowships at the Mayo Clinic in complex cardiac surgery and at the University of Pennsylvania in surgical management of heart failure. His primary clinical interests are heart failure, heart and lung transplantation, mechanical circulatory support, and minimally invasive surgery. He is a co-director of the transcatheter aortic valve (TAVI) program at the Mazankowski Alberta Heart Institute.

**Current Research Interests:**

Dr. Meyer is an Associate Professor in the Department of Surgery at the University of Alberta. Dr. Meyer is focused on clinical outcomes in cardiac surgery. The majority of this research is done using the APPROACH database through case series and retrospective cohort studies. Recent areas of focus have included indications for surgical revascularization, outcomes in octogenarians, and perioperative complications. As the surgical lead in the regional transcatheter aortic valve replacement (TAVI) program, research has also focused on outcomes in this clinical niche. Dr Meyer also has a major

interest in randomized controlled clinical trials and is the site Principal Investigator for a number of multi centre international trials (both investigator-initiated and industry-sponsored). More recently he has become involved with surgical innovation and participating in early feasibility studies.

## **Publications:**

1. Lien DC, Weinkauf J, Jackson K, Kapasi A, Nador R, Meyer S, Stewart K, Modry D, Mullen J. Lung and heart lung transplantation at the University of Alberta 1986-2010. *Clin Transpl.* 2010;219-26.
2. Meyer SR, Suri RM, Wright RS, Dearani JA, Orszulak TA, Daly RC, Burkhart HM, Park SJ, Schaff, HV. Does Metabolic Syndrome Influence Bioprosthetic Mitral Valve Degeneration and Reoperation Rate? *J Card Surg.* 2012 Mar;27(2):146-51
3. Iida R, Welsh RC, Meyer SR, Tyrrell BD, Taylor DA, Shanks M. Pre-dismissal Surveillance Echocardiography Second Day after TAVR. *JACC Cardiovasc Imaging.* 2012 Nov;5(11):1182-4
4. Nagendran J, Norris CM, Graham MM, Ross DB, MacArthur RGG, Kieser TM, Maitland AM, Southern D, Meyer SR. Coronary Revascularization for Patients with Severe Left Ventricular Dysfunction. *Ann Thorac Surg.* 2013; 96 (6): 2038-44.
5. Meyer SR, Shanks M, Tyrrell BD, MacArthur RGG, Taylor DA, Welsh S, Paterson C, Welsh RC. Numerators Searching for Denominators: An Inclusive Cohort of Consecutive Patients Referred for Consideration for Transcatheter Aortic Valve Replacement from an Encompassing Health Care Region. *Am J Cardiol.* 2013; 112(9): 1450-4.
6. Whitlock R, Healey J, Vincent J, Brady K, Teoh K, Royse A, Shah P, Guo Y, Alings M, Folkeringa RJ, Paparella D, Colli A, Meyer SR, Legare JF, Lamontagne F, Reents W, Böning A, Connolly S. Rationale and design of the Left Atrial Appendage Occlusion Study (LAAOS) III. *Ann Cardiothorac Surg.* 2014 Jan;3(1):45-54
7. Pedro Fidalgo, Mohammed Ahmed, Steven R. Meyer, Dale Lien, Justin Weinkauf, Filipe S. Cardoso, Kathy Jackson, and Sean M. Bagshaw. Incidence and Outcomes of Acute Kidney Injury Following Orthotopic Lung Transplant: a Population-Based Cohort Study. *Nephrol Dial Transplant.* 2014 Jun 23. pii: gfu226. [Epub ahead of print].
8. CCS/CAIC/CSCS Position statement on Revascularization - Multivessel CAD. Koon K. Teo, Eric Cohen, Christopher Buller, Ansar Hassan, Ronald Carere, Jafna L. Cox, Hung Ly, Paul W. Fedak, Kwan Chan, Jean-Francois Légaré, Kim Connelly, Jean-Francois Tanguay, Jian Ye, Milan Gupta, G.B. John Mancini, Gilles Dagenais, Randall Williams, Kevin Teoh, David A. Latter, Richard Townley, Steven R. Meyer. *Can J Cardiol.* 2014 Dec: 30(12), 1482–1491.
9. Pedro Fidalgo, Mohammed Ahmed, Steven R. Meyer, Dale Lien, Justin Weinkauf, Ali Kapasi, Filipe S Cardoso, Kathy Jackson, Sean M Bagshaw . Association Between Transient Acute Kidney Injury and Morbidity and Mortality after Lung Transplantation: A retrospective cohort study. *Journal of Critical Care.* Accepted 2014.