

## Curriculum Vitae

Roger John Firth Basket

### Education:

Cardiac Surgical fellow, Papworth Hospital, Cambridge University 2003-2004

Fellow of the Royal College of Physicians and Surgeons of Canada 2003

Cardiac Surgery Residency, Dalhousie University 1997-2003

MSc., (Epidemiology & Biostatistics), Dalhousie University 2000-2004

MD, Dalhousie University 1993-1997

MA (History), University of Toronto 1990-1992

BA (Hons), University of Toronto 1987-1990

### Awards:

Dalhousie University:

Clare B. Baker Award for the outstanding presentation on clinical cardiac research at the Terrence Donnelly Cardiac Resident's Research Day, Toronto 2003

Dalhousie University, Department of Surgery Resident's Research Award, second prize 2003

Dalhousie University Faculty of Medicine Research Award, best clinical presentation 2003

Clare B. Baker Award for the outstanding presentation on clinical cardiac research at the Terrence Donnelly Cardiac Resident's Research Day, Toronto 2001

Dalhousie University, Department of Surgery Resident's Research Award, third prize 2001

Calgary Regional Health Authority research grant 2000

Stevens Norvell Award for Excellence in Teaching 1999

Dalhousie University, Department of Surgery Resident's Research Award, third prize 1999

Clare B. Baker Award for the outstanding presentation on clinical cardiac research at the Terrence Donnelly Cardiac Resident's Research Day, Toronto 1998

IWK research foundation grant: Modification of the immune response to cryopreserved heart valves. 1997-8

Annals of the Royal College of Physicians and Surgeons of Canada: Medical Student Publication Award, best paper	1996
Ross Stewart Smith Scholarship for high academic standing	1995
Lange Medical Publication Award for academic excellence	1995
IWK Children's Hospital: Summer Research Studentship	1995
Division of Cardiovascular Surgery, Research Grant	1995

University of Toronto:

T-Holders' Alumni Association Award for Academic Excellence	1990 & 1991
Athletic Association Bronze "T", Varsity Athletics (Rugby)	1991
Ontario Universities' Athletic Association All-star (Rugby)	1989 & 1990

Memberships:

Fellow of the Royal College of Physicians and Surgeons of Canada	2003-present
CMAJ (guest reviewer)	2004-present
The Journal of Cardiovascular Surgery (guest reviewer)	2003-present
The Journal of Thoracic and Cardiovascular Surgery (guest reviewer)	2002-present
The European Journal of Cardio-thoracic Surgery (guest reviewer)	2001-present
The Annals of Thoracic Surgery (guest reviewer)	1998-present
Canadian Medical Association Journal (guest reviewer)	2004-present
CCS associate member	1998-present
Medical Society of Nova Scotia	1997-present
Alpha Omega Alpha Honour Medical Society	1997-present
Associate Editor, Dalhousie Medical Journal	1996

Publications:

Roger J F Baskett Fay H Cafferty Sarah J Powell Robin Kinsman Bruce E Keogh Samer A M Nashef Total arterial revascularisation is safe: multicentre 10-year analysis of 71470 coronary procedures. (in press) Ann Thorac Surg 2006.

Stoica S, Cafferty F, Kitcat J, Baskett R, Goddard M, Sharples L, Wells F, Nashef S. Octogenarians undergoing cardiac surgery outlive their peers - a case for early referral Heart Aug 23 2005.

Baskett RJF, Buth KJ, Ghali WA, Norris C, Maas A, Maitland A, Ross DB, Forgie R, Hirsch GM. Outcomes In Octogenarians Undergoing CABG CMAJ 2005;172(9):1183-6.

Hassan A, Buth KJ, Baskett RJF, Ali IS, Maitland A, Sullivan JAP, Ghali WA, Hirsch GM. The association between prior percutaneous coronary intervention and short-term outcomes after coronary artery bypass grafting. *Am Heart J* 2005;150:1026-31..

Kalavrouziotis D, Baskett RJF, Sullivan JAP. Pulmonary artery to distal bypass for surgery on the descending thoracic aorta. *Interact CardioVasc Thorac Surg* 2005;4:170-172.

Baskett RJF, O'Connor GT, Hirsch GM, Ghali WA, Sabadosa KA, Morton JR, Ross CS, Hernandez F, Nugent WC, Lahey SJ, Sisto D, Dacey LJ, Klemperer JD, Helm RE, Andrew Maitland. The Pre-operative Intra-aortic Balloon Pump in Coronary Bypass Surgery: A Lack of Evidence of Effectiveness. *Am Heart J* 2005;150(6):1122-7.

Baskett RJF invited commentary of: Risk Factors, Dynamics, and Cutoff Values for Homograft Stenosis After the Ross Procedure. *Ann Thorac Surg* 2005 79: 1675

Baskett RJF invited commentary of: PRA late after allograft implantation in Children. *Ann Thorac Surg* 2005;79:645

Baskett RJF, Kalavrouziotis D, Buth KJ, Hirsch GM, Sullivan JAP. Training residents in mitral valve surgery. *Ann Thorac Surg* 2004;78:1236-40.

Nashef SAM, Baskett RJF (editorial). Quality Assessment in Cardiac Surgery: Do not miss the boat! *Asian Cardiovasc Thorac Ann.* 2004;12:187-89.

Baskett, RJF, O'Connor, GT, Hirsch GM, et al. A multi-centre comparison of intra-aortic balloon pump utilization in isolated coronary artery bypass graft surgery. *Ann Thorac Surg* 2003;76:1988-92.

Baskett RJF, Tancock E, Ross DB. The gold standard for atrial septal defect closure: current surgical results with an emphasis on morbidity. *Pediatr Cardiol.* 2003;24(5):444-7

Payne DM, Baskett RJF, Hirsch GM. Infectious endocarditis of a Chiari Network. *Ann Thorac Surg* 2003;76:1303-5

Baskett RJF, Nanton MA, Warren AE, Ross DB. HLA-DR and ABO mismatch are associated with accelerated homograft valve failure in children: Implications for therapeutic Interventions. *J Thorac Cardiovasc Surg* 2003;126:232-238.

Baskett RJF, Buth KJ, Legare JF, Hassan A, Hancock Friesen C, Hirsch, GM, Ross DB, Sullivan JA. Is it safe to train residents to perform cardiac surgery? *Ann Thorac Surg* 2002;74:1043-49

Baskett RJF, Ghali WA, Maitland A, Hirsch GM. The intra-aortic balloon pump in cardiac surgery: a review. *Ann Thorac Surg* 2002;74:1276-87.

Al-Baradai AAS, Baskett RJF, Warren AE, Ross DB. The Ross procedure for endocarditis in a four-month-old infant. *Ann Thorac Surg* 2002;73:1973-5.

Baskett RJF, Buth KJ, Collicott C, Hirsch GM, Ross DB. Pre-operative cardiovascular risk factor control in elective CABG patients: A failure of present management. *Can J Cardiol* 2002;18:397-402.

Baskett RJF, Ross DB. HLA matching in homograft valves (letter). *J Heart Valve Disease* 2002;11:297.

Baskett RJF, Hirsch GM, Ghali WA.(letter) Preoperative intraaortic balloon pump in high-risk patients. *Ann Thorac Surg* 2001;71:1400.

Baskett RJF. The way we learn: "You can observe a lot just by watching" *Dal Medical Journal* 2000;28:9-10.

Baskett RJF, Murphy DA, Ross DB. Superior vena cava approach To repair of the sinus venosus atrial septal defect. *J Thorac Cardiovasc Surg* 2000;119:178-180.

Baskett RJF, Ross DB, Warren AE, Sharratt GP, Murphy DA. Hepatic vein to the azygous vein anastomosis for pulmonary arteriovenous fistulae. *Ann Thorac Surg* 1999;68:232-3.

Baskett RJF, MacDougall CE, Ross DB. Is mediastinitis a preventable complication? A ten year review. *Ann Thorac Surg* 1999;67:462-5.

Baskett RJF, Ross DB, Nanton MA, Murphy DA. Factors in the early failure of cryopreserved homograft pulmonary valves in children: preserved immunogenicity? in Ginsberg RJ, Wechsler AS, Williams WG eds. *The Year Book of Thoracic and Cardiovascular Surgery*. St. Louis: Mosby 1998:318-19.

Baskett RJF, Ross DB, Nanton MA, Murphy DA. Factors in the early failure of cryopreserved homograft pulmonary valves in children: preserved immunogenicity? *J Thorac Cardiovasc Surg* 1996;112:1170-9.

Baskett RJF. James Kenneth Wallace Ferguson: A life in Canadian medical research. *Ann Roy Coll Phys Surg Can* 1996;29:105-8.

Baskett RJF. The Life of the Toronto Psychiatric Hospital: In Shorter EL (ed.) *TPH History and Memories of the Toronto Psychiatric Hospital, 1925-1966*. Wall and Emerson: Toronto, 1996, pp.97-154.

#### Abstracts:

Baskett RJ, Kalavrouziotis D, Buth KJ, Hirsch GM, Sullivan JA. Training residents in mitral valve surgery. *Circulation* 2004;109:e231-e284(abstract P40).

Baskett RJF, Cafferty FH, Powell SJ, Kinsman R, Keogh BE, Nashef SAM. Total arterial revascularization is safe: An analysis of 71,470 cases of isolated CABG 1992-2001. *Can J*

Cardiol 2004;20Suppl D. 229.

Baskett RJF, O'Connor GT, Hirsch GM, Ghali WA, Sabadosa KA, Morton JR, Ross CS, Felix Hernandez, William C. Nugent, Stephen J. Lahey, Donato Sisto, Lawrence J. Dacey, John D. Klemperer, Robert E. Helm, Jr, Andrew Maitland. The pre-operative intra-aortic balloon pump in coronary bypass surgery: A lack of evidence of effectiveness American Heart Association Meeting 2003

Baskett RJF, Buth KJ, Ghali WA, Norris CM, Appoo J, Nadendran J, Maitland A, Ross DB, Koshal A, Forgie R, Sullivan JAP, Hirsch GM. Outcomes in octogenarians undergoing CABG in Canada: A multi-centre study. Can J Cardiol 2003; 19 supplA 539.

Baskett RJF, Kalavrouziotis D, Buth KJ, Hirsch GM, Sullivan JAP. Outcomes in resident performed mitral valve surgery Can J Cardiol 2003; 19 supplA 426.

Kalavrouziotis D, Baskett RJF, Sullivan JAP. Pulmonary artery to femoral artery bypass for descending thoracic and thoracoabdominal aortic aneurysm repair. Can J Cardiol 2003; 19 supplA 872.

Baskett RJF, O'Connor GT, Hirsch GM, Ghali WA, Sabadosa K, Morton JR, Ross CS, Hernandez F, Nugent W, Lahey J, Maitland A, Sisto D. The pre-operative Intra-aortic balloon pump in coronary bypass surgery: A lack of evidence of effectiveness. Can J Cardiol 2003; 19 supplA 742.

Baskett RJF, Nanton MA, Warren AE, Ross DB. HLA-DR and ABO Mismatch are associated with Accelerated Homograft valve failure in Children: Implications for Therapeutic Interventions. Can J Cardiol 2002;18 suppl.

Baskett RJF, Buth KJ, Legare JF, Hancock Friesen C, Ross DB, Sullivan JA. Is it safe to train surgery residents? Can J Cardiol 2001;17:supplC 148

Baskett RJF, Soder C, Murphy DA, Ross DB. Tetralogy of Fallot: Primary Repair in the First Year of Life. Can J Cardiol 2001;17:supplC 446.

Hoyt B, Baskett RJF, Ross DB. Adult Congenital Re-operative Cardiac Surgery. Can J Cardiol 2001;17:supplC 445

Baskett RJF, Hall RI. The peri-operative use of beta-blockers in abdominal aortic surgery: The need for a suppository formulation Canadian Journal of Anesthesia 48:A50 2001.

Baskett RJF, Buth KJ, Hirsch GM, Ross DB. Post CABG patients and Cardiac risk factor reduction: a total failure of present management. Can J Cardiol 2000; 16:suppl F 354.

Baskett RJF, Murphy DA, Ross DB. Superior vena cava approach to the repair of the sinus venosus atrial septal defect. Can J Cardiol 1999;15:suppl D 269.

Hamilton GR, Baskett RJF, Wright JR, Lee TDG, Ross DB. Modification of the immune response to cryopreserved heart valves in the rat model of rejection. Can J Cardiol 1999;15:suppl D 407.

Baskett RJF, Lannon CL, Moustapha A, Van Velzen D, Ross DB. The pathology of explanted homografts - validating the rat model of rejection. Can J Cardiol 1997;13:suppl C 111.

Baskett RJF, MacDougall CE, Ross DB. Is mediastinitis a preventable complication? A ten year review. Can J Cardiol 1997;13:suppl C 127.

Baskett RJF, Ross DB, Nanton MA, LaPrairie AL, Murphy DA. Factors in the early failure of cryopreserved homograft pulmonary valves in children: preserved immunogenicity? Clin Invest Med 1996;19:ppS104

#### Presentations:

The pre-operative Intra-aortic balloon pump in coronary bypass surgery: A lack of evidence of effectiveness. Terrence Donnelly Cardiac Resident's Research Day, Toronto, May 26 2003

The pre-operative Intra-aortic balloon pump in coronary bypass surgery: A lack of evidence of effectiveness. Dalhousie University Resident Research Day, Halifax, May 16, 2003.

The pre-operative Intra-aortic balloon pump in coronary bypass surgery: A lack of evidence of effectiveness. Dalhousie University Faculty of Medicine Research Day, Halifax, April 14, 2003.

HLA-DR and ABO Mismatch are associated with Accelerated Homograft valve failure in Children: Implications for Therapeutic Interventions. Canadian Cardiovascular Society, 55th Annual Meeting, Edmonton, October 2002

HLA-DR and ABO Mismatch are associated with Accelerated Homograft valve failure in Children: Implications for Therapeutic Interventions. 28th Annual Meeting, Western Thoracic Surgical Association, Big Sky, Montana. June 20, 2002.

Is it safe to train residents to perform cardiac surgery? 38th Annual Meeting, Society of Thoracic Surgeons, Fort Lauderdale, Florida. January 26, 2002.

Is it safe to train surgery residents? Canadian Cardiovascular Society, 54th Annual Meeting, Halifax, October 22, 2001.

Collaborative cardiac surgical database project: Calgary, Halifax, Northern New England. APPROACH annual meeting, Calgary, June 23, 2001

Is it safe to train cardiac surgery residents?  
Terrence Donnelly Cardiac Resident's Research Day, Toronto, May 26 2001

Is it safe to train surgery residents?

Dalhousie University Resident Research Day, Halifax, May 16, 2001.

Post CABG patients and cardiac risk factor reduction: A total failure of present management  
Dalhousie University Resident Research Day, Halifax, May 17, 2000

Post CABG patients and cardiac risk factor reduction: A total failure of present management.  
Canadian Cardiovascular Society, 53rd Annual Meeting, Vancouver, October 31, 2000.

An Inter-institutional comparison of intra-aortic balloon pump use and outcomes. Northern New  
England Cardiovascular Disease Study Group. Portland Maine, October 14, 2000.

Superior vena cava approach to the repair of the sinus venosus atrial septal defect. Canadian  
Cardiovascular Society, 52nd Annual Meeting, Quebec City. October 20, 1999

Is mediastinitis a preventable complication? A ten-year review.  
Terrence Donnelly Cardiac Resident's Research Day, Toronto, May 25 1999

Factors in the early failure of cryopreserved homograft pulmonary valves in children: preserved  
immunogenicity? Terrence Donnelly Cardiac Resident's Research Day, Toronto, May 22 1998

Is mediastinitis a preventable complication? A ten-year review. Dalhousie University Resident  
Research Day, Halifax, May 13 1998

The pathology of explanted homografts - validating the rat model of rejection. Canadian  
Cardiovascular Society, 50th Annual Meeting, Winnipeg. October 7, 1997

Is mediastinitis a preventable complication? a ten year review. Canadian Cardiovascular  
Society, 50th Annual Meeting, Winnipeg. October 8, 1997

Factors in the early failure of cryopreserved homograft pulmonary valves in children: preserved  
immunogenicity? American Association for Thoracic Surgery, 76th Annual Meeting, San Diego,  
May 1, 1996, abstract #56.

Short term follow-up of cryopreserved homografts in children. Royal College of Physicians and  
Surgeons of Canada, Annual Meeting, Halifax, September 26, 1996.

Figures in Canadian medical research. Dalhousie University History of Medicine Society,  
Halifax, October 22, 1995.