

# CURRICULUM VITAE

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## **Dean Anthony Fergusson, MHA, PhD**

Senior Scientist, Ottawa Health Research Institute  
Director, Methods Centre, Ottawa Health Research Institute  
Associate Director, Clinical Epidemiology Program,  
Ottawa Health Research Institute  
Assistant Professor, University of Ottawa Faculty of Medicine and  
Epidemiology and Community Medicine

*The Ottawa Hospital, General Campus, 501 Smyth Rd., Box 201, Ottawa, Ontario K1H 8L6*

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**Citizenship:** Canadian, British

**Languages:** English

**Expertise:** Clinical Trials, Transfusion, Transfusion Alternatives, Meta-analysis, Systematic Reviews, Epidemiology, and Methods

### **Academic and Training Background:**

1998 to 2003	McGill University Department of Epidemiology and Biostatistics Doctorate PhD (Dean's Honours, Epidemiology & Biostatistics) Supervisors: Stanley H. Shapiro, PhD (McGill University) Paul C. Hebert, MD, MHSc, FRCPC (University of Ottawa)
1993 to 1995	University of Ottawa Masters of Health Administration
1988 to 1991	McGill University Bachelor of Arts in Political Science Concentration in Public Policy
1986 to 1988	University of Victoria Bachelor of Arts and Sciences

### **Additional courses in Training:**

May 16-20, 2005	5 <sup>th</sup> Ottawa Academic Health Sciences Leadership Program Faculty Development, University of Ottawa
Sept. 2007	Interagency Advisory Panel on Research Ethics' Introductory Tutorial for the Tri-Council Policy Statement: Ethical Conduct for Research Involving Humans (TCPS). Ottawa Health Research Institute

## Work Experience:

Sept 1, 2007  
-June 20, 2010 Cross-Appointment, to the Department of Surgery  
The Ottawa Hospital, University of Ottawa

2007 – 2010 **Evidence-Based Practice Centre (EPC's)**  
**Contract awarded to the University of Ottawa**  
**Principal:** Dr. David Moher  
Role: Co-applicant  
Funding: Agency for Health care Research and Quality  
US Department of Health and Human Services

2007 – present *Senior Scientist*, Ottawa Health Research Institute

2006 – present *Member*, Faculty of Graduate and Postdoctoral Studies (FGPS)  
University of Ottawa

2006 – present *Associate Director*, Clinical Epidemiology Program  
Ottawa Health Research Institute

2006 – present *Director*, Methods Centre, Clinical Epidemiology Program

2003-present *Assistant Professor*, University of Ottawa, Medicine

2002- 2007 *Scientist*, Ottawa Health Research Institute  
*Epidemiologist*, University of Ottawa Centre for Transfusion Research

1998 – present *Associate*, Clinical Trials Research Group, McGill University

2002 - 2003 *Lecturer*, University of Ottawa, Department of Medicine,

1999-2002 *Doctoral Fellow*, University of Ottawa Centre for Transfusion Research  
*Research Coordinator*, Ottawa Health Research Institute

1995-1999 Clinical Epidemiology Unit, Loeb Research Institute, Ottawa.

## Distinctions/Credentials:

2006 – 2010 *New Investigator Award*, Canadian Institutes of Health Research  
\$250,000/ 5 years

2005 *Career Scientist*, Ministry of Health and Long-Term Care Grant 06277  
Health Research Personnel Development Program (HRPD)  
Amount Awarded \$50,000/yr

2003 *Dean's Honours List*, McGill University, Canada, Effective 06/2003

2002 *Thomas Chalmers Scholarship Research Award*,  
Society Clinical Trials, Canada \$ 1,500

2000 - 2002 *Program Fellowship Research Award*  
Canadian Blood Services, Canada  
PhD Graduate Program Fellowship Award \$40,000

1994 *Alan Hay Memorial Prize*, Finalist,  
Awarded to the most outstanding student of health administration in a Master's  
degree program in Canada

1986 *Delta Community Association, University Scholarship Award* \$500.00

1985

*Certificate of Distinction, Pascal (Algebra) Exam, University of Waterloo*

**Professional and Scientific Societies/Committees:**

2007 – present	Member, Patented Medicine Prices Review Board, Working Group on International Therapeutic Class Comparisons
2007 – present	Adjunct Researcher Member, GRISM, Groupe de recherche interuniversitaire en sciences infirmieres de Montreal.
2005- present	Ottawa Health Research Institute, Governance Board
2005- present	Member, Task Force, Conflict of Interest, Developing Faculty of Medicine Framework for Academic-Industry Relations, University of Ottawa
2004- present	Research Governance Committee, The Ottawa Hospital
2003-present	Canadian Critical Care Trials Group
2001-present	Ottawa Health Research Institute Research Ethics Board
2000-present:	Clinical Trials Research Group, Biomedical Ethics Unit, McGill University
2001-present:	Ottawa Hospital Research Ethics Board
1999-present	Society for Epidemiologic Research
1999-present	Society for Clinical Trials
1999-present	Canadian Society for Transfusion Medicine
1995-1999	International Society for Technology Assessment in Health Care

**Reviewer:**

Projects Grants	- The Ottawa Hospital, Center for Patient Safety Implementation Projects Grant Program (Oct. 4, 2007)
Technology Review	- NHS R&D Health Technology Assessment Programme (UK)
Journal Review	- BMJ, British Medical Journal
Journal Review	- Canadian Journal of Anaesthesia,
Journal Review	- Circulation
Journal Review	- Clinical Trials
Journal Review	- Critical Care Medicine 2006 –
Journal Review	- International Journal of Infectious Diseases
Journal Review	- JAMA, Journal of American Medical Association
Journal Review	- Journal of Clinical Epidemiology
Journal Review	- Journal of Critical Care
Journal Review	- Lancet
Journal Review	- Nature
Journal Review	- Transfusion Medicine
Peer Review	- Canadian Institutes of Health Research (CIHR) Randomized Controlled Trials Committee 2005 – Mentoring Committee 2005 –
Peer Review	- Children’s Hospital of Eastern Ontario Research Institute 2006 - Science Sub-Committee
Editor	- International Journal of Infectious Diseases Oct. 2006 –
Editorial Board	- Open Medicine 2006 -

### **Graduate Supervisions:**

Completed:	3 M.A.	2 PhD
In-Progress:	9 M.A.	2 PhD
	2 Fellow	
Carrier, Marc (Master's Epi)		Thesis Committee Member 05/2007 -
Ralphs-Thibodeau, Sylvie (Master's Epi)		Thesis Committee Examiner 01/2006 – 2007
Darcie Gibson, (Master's Epi)		Thesis Committee Member 01/2005 - 2006
Pierre Giguere (Master's Epi)		Thesis Committee Member 01/2006
Kimberley Hutchings (Master's Epi)		Thesis Committee Member 09/2005 - 2007
Sandra Naaman (PhD)		Thesis Committee Member 01/2004 – 2007 Completed
Rakesh Patel (Master's Epi)		Mentorship, 01/2004 - 2006
Prasad Jetty (Master's Epi)		Thesis Committee Member 01/2004 -
Lauralyn McIntyre (Master's)		Thesis Committee Member 01/2003 – 08/2005
Daniel Morris (PhD)		Mentorship 06/2003 – 06/2006
Renu Sharma (Master's Public Health)		Thesis Committee Member (Lakehead University) 01/2005 -
Jason Tay (Master's Epi)		Thesis Committee Member 2005 -
Alexis Turgeon (Fellow)		Mentorship 01/2006 –
Ryan Zarychanski (Master's)		Mentorship 01/2006
Darcie Ammerman		Mentorship 2006 – 2007
Brian Hutton, (Master's & PhD – Thesis Co-Supervisor)		Mentorship 09/2006 -
Steven Doucette, (Master's)		Mentorship 05/2003 – 12/2003
Andrew Kmetc (Post-Doctoral Fellow)		Mentorship 9/2001 – 12/2003
Hilary Meggison, (Clinical Scholar)		Mentorship 01/2002 – 07/2003
Bernard McDonald, (Clinical Scholar)		Mentorship 01/2001 – 01/2003
Ghiath Al-Saied, (Clinical Scholar)		Mentorship 01/2001 – 01/2002
Mahdu Prya Khanna, (Clinical Scholar)		Mentorship 01/2001 – 01/2002

### **Teaching Experience:**

2008 Jan – April	Lecturer: University of Ottawa Course: EPI 6188, Systematic Reviews and Meta-analysis
2007 Sept – Dec.	Lecturer: University of Ottawa Course: EPI 5188 Health Technology Assessment
2007 Jan.-April	Lecturer: University of Ottawa Course: EPI Course 6188, Systematic Review and Meta-analysis
2006 Sept. – Nov.	Lecturer: University of Ottawa Course: EPI 5188 Health Technology Assessment
2006 Jan. – April.	Lecturer: University of Ottawa Course: EPI 6188 Systematic Reviews and Meta-analysis
2005 Sept. – Dec.	Lecturer: University of Ottawa Course: EPI 5188 Health Technology Assessment

2005 Jan - April      Lecturer: University of Ottawa  
Course: EPI 6276: Quantitative Methods

2004 Jan - April      Lecturer: University of Ottawa  
Course: EPI 6188, Systematic Reviews and Meta-analysis

2002                      Guest Lecturer: Advanced Clinical Trials, Department of Epidemiology, University  
of Ottawa  
Topic: Protocol Development and Operationalization

2000                      Guest Lecturer: Clinical Trials, Department of Epidemiology & Biostatistics,  
McGill University  
Topic: Meta Analysis

1999-2001              Guest Lecturer: Clinical Trials, Department of Epidemiology, University of Ottawa  
Topics: Meta Analysis, Ethics

**Teaching Assistant:**

1999-2001              Advanced Clinical Trials  
Department of Epidemiology & Biostatistics, McGill University

1999-2001              Clinical Trials  
Department of Epidemiology & Biostatistics, McGill University

**Research Projects – Peer Reviewed: UNDER REVIEW**

***Total # of Grants, Under Review:***

***Total Amount of Funding Under Review:***

- 2007, Dec.                   **TNF-alpha Antagonists for Acute Exacerbations of COPD: A Randomized, Double-blind, Placebo-Controlled Trial**  
Principal: Dr. Shawn Aaron  
Role: Co-Applicant  
Funding: Ontario Lung Association  
Total: \$50,000  
Years: 1 year
- 2007, Oct.                   **Immunogenicity and efficacy study of Fluarix influenza vaccine Strategies in HIV infected adults**  
Principal: Dr. Curtis Cooper  
Role: Co-Applicant  
Funding: Ontario HIV Treatment Network, Operating Grant Competition  
Total: \$150,000  
Years: 2 years
- 2007, Oct.                   **Immunogenicity and efficacy study of Fluarix influenza vaccine Strategies in HIV infected adults**  
Principal: Dr. Curtis Cooper  
Role: Co-Applicant  
Funding: Canadian Institutes of Health Research  
Total: \$400,000  
Years: 2 years
- 2007, Oct.                   **Randomized Control Trial of Micronutrient and Antioxidant Supplementation in Persons with Untreated HIV Infection. The MAINTAIN Study**  
Principal: Dr. William Cameron  
Role: Co-Applicant  
Funding: Ontario HIV Treatment Network  
Program: Research Operating Grant  
Total: \$393,000.00  
Years: 3 years
- 2007, Oct.                   **TNF-alpha Antagonists for Acute Exacerbations of COPD: A Randomized, Double-blind, Placebo-Controlled Trial**  
Principal: Dr. Shawn Aaron  
Role: Co-Applicant  
Funding: Canadian Institutes of Health Research  
Total: \$112,950.00  
Years: 2 years

- 2007, Oct.                    **CIHR emerging team in knowledge translation for child and youth mental health**  
Principal: Dr. Melanie Barwick, and Dr. H. Schachter  
Role: Co-Applicant  
Funding: Canadian Institutes of Health Research  
Program name: Canadian health services research foundation (Emerging team in KT and mental health)  
Total: \$2,300,000  
Years: 5 years
- 2007, Aug.                    **Design and evaluation of a knowledge translation strategy to improve decision support for preference-sensitive decisions; Randomized controlled trial with cost analysis to evaluate the effects of patient decision aids on waitlists for surgical consultations and quality of decisions about total joint replacement surgery**  
Principal: Dr. D. Stacey  
Role: CO-PRINCIPAL APPLICANT  
Funding: Canadian Institutes of Health Research  
Total: \$665,000  
Years: 2
- 2007, Sept.                    **Age of blood evaluation (ABLE) trial in the resuscitation of critically ill patients.**  
Principal: Dr. Jacque Lacroix  
Role: Principal applicant  
Funding: Canadian Institutes of Health Research  
Total: \$3,800,000  
Years: 4 years
- 2007, Sept                    **Treatment of aspergillus fumigatus in patients with cystic fibrosis: A randomized, double-blind, placebo-controlled trial**  
Principal: Dr. Shawn Aaron and Dr. F. Ratjen  
Role: Co-Applicant  
Funding: Canadian Institutes of Health Research  
Total: \$1,820,835  
Years: 3
- 2007, June                    **Natural health products for the prevention and treatment of lung cancer: a systematic & scoping review of the literature**  
Principal: Dr. D. Seely  
Role: Co-Applicant  
Funding: Canadian Institutes of Health Research  
Total: \$99,398  
Years: 1 year

## **Research Projects, Peer Reviewed - AWARDED**

### **Support Period:**

**Total # of Grants, Awarded:**

**Total Funding, Awarded: \$**

- 2007, Sept            **SLEAP: A randomized trial of daily sedative interruption in critically ill mechanically ventilated patients being managed with sedation protocol.**  
Principal: Dr. Sangeeta Mehta  
Role: Co-Applicant  
Funding: Canadian Institutes of Health Research  
Total Amount Requested:    \$420,604  
Years: 1 year
- 2007, Sept.            **The Appropriateness of frozen plasma use in Canada**  
Principal: Dr. A. Tinmouth  
Role: Co-Applicant  
Funding: Canadian Institutes of Health Research  
Total: \$127,746.00  
Years: 1 ½ years
- 2007, Sept.            **Informing the decision to participate in a clinical trial: Can decision aids improve the quality of trial participation decisions?**  
Principal: Dr. J. Brehaut  
Role: Co-Applicant  
Funding: Canadian Institutes of Health Research  
Total: \$347,063    Annual = \$101,736  
Years: 3 years
- 2007, Sept.            **The Ottawa research synthesis training and mentorship program:  
Developing a national capacity strategy**  
Principal: Dr. D. Moher  
Role: Co-Applicant, and program development and delivery  
Funding: Canadian Institutes of Health Research  
    Program: CIHR Strategic Training Modules: Building Capacity to conduct  
    Research synthesis regarding health services and policy research  
Total: \$147,312.00  
Years: 2 years, (May 1, 2007 – April 30, 2009)
- 2007, Sept.            **Implementation research in transfusion medicine: using theoretical constructs to inform and guide the selection of interventions to change transfusion practice.**  
Principal: Dr. A. Tinmouth  
Role: Co-Applicant,  
Funding: Canadian Blood Services, Intramural Grant Competition 2007

Total: \$80,000

Years: 1 year

2006, Sept

**Synthesis Grant: Strengthening the Science of Knowledge Translation in Child and Youth Mental Health: synthesizing the evidence.**

Principal: Dr. Howard Schachter

Role: Co-applicant

Funding: Canadian Institutes of Health Research (LOI) Sept. 15, 2006

Total: \$80,000

Years: 1 year

2006, Sept.

**Implementation research in transfusion medicine: using theoretical constructs to inform and guide the selection of interventions to change transfusion practice.**

Principal: Dr. A. Tinmouth

Role: Co-Applicant,

Funding: Canadian Blood Service's Ken Fyke Award for Innovation in Transfusion Medicine

Total: \$50,003.89

Years: 1 year

2006, Sept.

**Is rate of surgery a better indicator of access to cataract surgery than wait time?**

Principal: Dr. W. Hodge

Role: Co-Applicant

Funding: Canadian Institutes of Health Research

Synthesis Grant: Timely Access to Quality Health Care

Total: \$71,666

Years: to be determined

2006, Sept.

**Treatment of Aspergillus fumigatus in patients with cystic fibrosis**

Principal: Dr. Shawn Aaron

Role: Co-applicant

Funding: Physicians' Services Foundation

Total: \$122,000

Years: 2007 - 2009

2006, Sept.

**Treatment of Aspergillus fumigatus in patients with cystic fibrosis**

Principal: Dr. Shawn Aaron

Role: Co-applicant, Chief Methodologist

Funding: Canadian Cystic Fibrosis Foundation

Total: \$220,800

Years: 2007 - 2010

April 2007

**Comparison of the effect of daily hemofiltration versus conventional Hemodialysis on cardiovascular risk.**

Principal: Dr. D. Zimmerman

Role: Co-applicant, Chief Methodologist

Funding: Heart and Stroke Foundation

Total: \$109,652

Years: 2 year

2006, Sept

**Perinatal outcomes in pregnancy woman with antidepressants**

Principal: Dr. Qiuying Yang

Role: Co-Applicant

Funding: Canadian Institutes of Health Research

Total: \$96,839

Years: 1 year

2007, Jan.

**Adjuvant melatonin in lung cancer patients: A randomized clinical trial**

Principal: Dr. Dugald Seely

Role: Co-Applicant, Chief Methodologist

Funding: Lotte and John Hecht Memorial Foundation

Total Amount Requested: \$494,000.00

Years: 6 years

2007, Jan.

**Novel Markers to Improve the Detection of Declining Kidney Function**

Co-Principal Investigator: Dean Fergusson and Greg Knoll

Role: Co-Principal Applicant

Funding: Canadian Institutes of Health Research

Operating Grant

Total: \$44,068 annually

Total awarded: \$220,340.00

Years: 5 years

2006

**Thrombophilia in Pregnancy Prophylaxis Study (TIPPS)**

Principal: Dr. M. Rodger

Role: Co-Applicant

Funding: Canadian Institutes of Health Research

Total Amount Requested: \$2,349,792

Years: 5 years

2006

**Program of Research in Malabsorption and Micronutrients in HIV/AIDS**

Principal: Dr. William Cameron

Role: Co-Applicant, Chief Methodologist

Funding: The Ontario HIV Treatment Network

Total: \$222,950

Years: 3 years

2005 – 2008

**Transfusion related acute lung injury**

Principal: Dr. Frances Gauvin

Role: Co-Applicant

Funding: Canadian Paediatric Surveillance Program

Total: \$60,000

Years: 3 years

- 2005 – 2007      **Comparison of antibiotic-only and antibiotic-steroid combination treatment in corneal ulcer patients: A double-blinded, randomized clinical trial**  
Principal: Dr. W. G. Hodge  
Role: Co-Applicant, Chief Methodologist  
Funding: The Physicians' Services Incorporated Foundation  
Total: \$78,031  
Years: 2 years
- 2005 – 2006      **Atrial Fibrillation in the Intensive Care Unit: A randomized controlled trial (AFib ICU study)**  
Principal Applicant: Dr. Salmaan Kanji  
Role: Co-Applicant, Chief Methodologist  
Funding: Heart and Stroke Foundation of Canada, Grant in Aid Competition  
Funds Requested: \$81,116  
Years: 1 year
- 2005      **Antibodies to the Heparin-Platelet actor 4 Complex and Hemodialysis Vascular Access Thrombosis.**  
Principal: Dr. M. Carrier  
Role: Co-Applicant, Chief Methodologist  
Funding: The Physicians' Services Incorporated Foundation  
Funds Requested: \$20,000  
Years:
- 2005      **Understanding the relationship between psychosis and immigration. Improving the mental health of immigrants.**  
Principal: Dr. Marie-Jose DeAlbarto  
Role: Co-Applicant, Chief Methodologist  
Funding: Canadian Institutes of Health Research (CIHR)  
Total Amount Requested: \$5,000  
Years: 6 months
- Jan. – June 2006      **Age of Red Blood Cells Transfused in Canada**  
Role: Co-Applicant, Chief Methodologist  
Principal Applicant: A. Tinmouth  
Funding: Canadian Blood Services  
Funds Requested: \$14,861.31
- Jan 2005 – July 2006      **Effectiveness of Frozen Plasma in Critical Care (EPICC)**  
Principal Applicant: A. Tinmouth  
Role: Co-Applicant, Chief Methodologist  
Funding: Canadian Blood Services  
Funds Requested: \$100,000
- 2005 – 2010      **ACE – Inhibition for the Preservation of Renal Function and Patient Survival in Kidney Transplantation**  
Principal: **D. Fergusson** and G. Knoll

Role: Co-Principal Investigator, Chief Methodologist  
Funding: Canadian Institutes of Health Research  
Total Amount requested: Awarded \$2,388,051.55 Annual \$477,610  
Years: 5

2005 – 2008

**Age of Red Blood Cells in Premature Infants (ARIPI) Trial**

Principal: **Dean Fergusson**

Role: Principal Investigator

Funding: Canadian Institutes of Health Research

Total Fund: Awarded \$623,452.12

Years: 3

2006 – 2011

**Age of Red Blood Cells in Premature Infants (ARIPI) Trial**

Principal: **Dean Fergusson**

Role: NEW INVESTIGATOR AWARD Principal Investigator

Funding: Canadian Institutes of Health Research

Total Fund: \$250,000. Annual \$50,000

Years: 5

2005 -2006

**Detection of an epidemic strain of pseudomonas aeruginosa in adult cystic fibrosis clinics – Epidemiology and clinical implications**

Principal: Dr. Shawn Aaron

Role: Co-Applicant, Chief Methodologist

Funding: Canadian Cystic Fibrosis Foundation

Total Amount requested: Awarded \$284,733

2005 -

**Evaluation of highly active antiretroviral therapy-induced cytokine level changes on liver toxicity in HIV-HCV co-infection.**

Principal: Dr. Curtis Cooper

Funding: 2004 J P Bickell Competition

Role: Co-Investigator

Total Amount: Awarded \$64,900

2004 – 2007

**Advancing the Ethics of Clinical Trials: Enhancing Participant Protection and Scientific Rigour**

Principal: K Glass

Role: Co-investigator

Funding: Canadian Institutes of Health Research

Total Amount: Awarded \$94,268

2003 – 2006

**Optimal therapy of COPD to prevent exacerbations and improve quality of life.**

Principal Investigator: S. Aaron

Role: Co-Investigator, Chief Methodologist

Funding: Canadian Institutes of Health Research (CIHR)  
Total Amount Awarded: \$1,464,193

- 2002 – 2004      **Transfusion Practice in Canadian Intensive Care Units**  
Principal Investigator: P Hebert & D. Fergusson  
Role: Co-Investigator  
Funding: Orthobiotech (Vancouver)  
Total Amount Awarded: \$630,209
- 2001 – 2003      **The Evaluation of Funding Strategies for Blood Products**  
Principal Investigator: P Hebert  
Role: Co-Investigator  
Funding: Ministry of Health of Ontario  
Total Amount Awarded: \$591,161
- 2001-present:      **Blood Conservation Using Anti-fibrinolytics in a Randomized Trial**  
Co-Principal Investigators: **D. Fergusson**, P. Hebert  
Funding: Canadian Institutes of Health Research (CIHR) and Ontario Ministry of Health  
Total Amount Awarded: \$2,209,328
- 2001:              **Anemia in the Institutionalized Elderly: A prevalence study and a randomized controlled trial of erythropoietin to correct non-iron deficient anemia**  
Principal Investigators: Ershler W, **Fergusson D**, Holmes, Drinka P, Coyle D, Artz A. Funding: Amgen, Thousand Oaks, California, Submitted to National Institutes of Health (NIH) February 2001  
Total Amount Awarded: \$226,000
- 2001-2003      **Evaluation of the reporting of the placebo effect: survey of published RCTs in general medicine and psychiatry**  
Principal Investigators: K. Glass, **D. Fergusson**, S. Shapiro  
Funding: CIHR
- 2001-present:      **Validity of chart data abstraction: evaluation in cardiac, orthopedic and intensive care specialties**  
Principal Investigator: **D. Fergusson**  
Funding: University of Ottawa Centre for Transfusion Research
- 2001-2004      **Evaluation of leukoreduction in the peri-operative setting: a meta-analysis**  
Principal Investigators: **D. Fergusson**, P. Hebert  
Funding: University of Ottawa Centre for Transfusion Research
- 2001-2004      **Survey of Transfusion Practices in Anesthesia and Intensive Care**  
Principal Investigators: **D. Fergusson** , P. Khanna, I. Graham, P. Hebert  
Funding: Amgen Canada  
Total Amount Awarded: \$229,620
- 2001-2005      **Development of an Anemia-Specific Quality of Life Scale (POPQOL)**

Principal Investigators: J. Clinch, **D. Fergusson**, P. Hebert  
Funding: Amgen Canada  
Total Amount Awarded: \$306,160

2001-2004 **The Cost of Allogeneic and Autologous Blood in Canada**  
Principal Investigators: **D. Fergusson**, P. Hebert  
Funding: Amgen Canada  
Total Amount Awarded: \$267,895

1999-2002 **Evaluation of a Universal Leukoreduction Program in the Neonatal Population**  
Principal Investigator: P. Hebert  
Co-Investigators: **D. Fergusson**, M. Blajchman, P. Hebert, S. Shapiro, R. Walker, S.K. Lee  
Funding: Canadian Institutes of Health Research (CIHR)

2001-2003 **Evaluation of cell salvage in vascular surgery: a meta-analysis**  
Principal Investigators: **D. Fergusson** , G. Alvarez, P. Hebert  
Funding: University of Ottawa Centre for Transfusion Research

1999-present **Evaluation of a Universal Leukoreduction Program**  
Principal Investigator: P. Hébert  
Co-Investigators: M. Blajchman, G. Wells, D Coyle, N. Heddle, M Germain, M. Goldman, A. Laupacis, G. Sher, C. Vanwalraven, D. Devine, **D. Fergusson**  
Funding: Medical Research Council, Canadian Blood Services, Héma-Québec  
Total Amount Awarded: \$1,200,000

1999- 2000 **An Evaluation of Blood Shortages in Canada**  
Principal Investigators: **D. Fergusson**, P. Hebert  
Funding: Health Canada  
Total Amount Awarded: \$130,000

1995-1999 **International Study of Perioperative Transfusion (ISPOT): an international study examining the efficacy, effectiveness and diffusion of technologies to minimize blood transfusion during surgery in 10 countries**  
Principal Investigator and Chair: Andreas Laupacis  
Co-Investigators: Canada: P Wells, G. Wells, F. Rubens, A. O'Connor, P. Hebert, I. Graham, G. Bryson, Australia: K. McGrath, D. Henry, Denmark: H. Sigmund, France: R. Salmi, Israel: N. Egoz, L. Gaitini, E. Katz, S. Mustafa, Japan: A. Hisashige, Netherlands: A. Koopman-van Gemert, Spain: J. Gol-Freixa, United kingdom: B. McClelland, United States: C. Hillyer  
Funding: Fellowship from the International Society of Technology Assessment in Health Care (ISTAHC) and funds from Janssen Ortho Inc

1997-1998 **Economic Analysis of Erythropoietin Use in Surgery**  
Principal Investigator: Coyle D  
Co-investigators: **Fergusson D**, Laupacis A, Lee K  
Funding: Canadian Coordinating Office of Health Technology Assessment  
Total Amount Awarded: \$25,000

1997- 1998

**Systematic Overview of Platelet pheresis in Cardiac Surgery**

Principal Investigator: Rubens F

Co-investigators: **Fergusson D**, Laupacis A

Funding: Medtronic Inc. of Canada

## **Publications (Peer Reviewed)(Lifetime)**

***Peer Reviewed Publications: 92***

***Publications In Press: 6***

***Manuscripts submitted under review: 10***

***Abstracts: 52***

### **Peer Reviewed:**

McCormick BB, Sydor A, Akbara A, **Fergusson D**, Doucette S, Knoll G. The Effect of pentoxifylline on proteinuria in diabetic kidney disease: A Meta-analysis. American Journal of Kidney Disease. Jan 2008. (In Press)

Brown PA, Brendan B, McCormick BB, Knoll G, Su Y, Doucette S, **Fergusson D**, Lavoie S. Complications and catheter survival with prolonged embedding of peritoneal dialysis catheters. Nephrology Dialysis Transplantation. Jan. 2008 (In Press).

Carrier M, Tay J, **Fergusson D**, Wells PS. Thromboprophylaxis for catheter-related thrombosis in patients with cancer: A systematic review of the randomized, controlled trials. J Thomb Haemost 2007;5:2552-4.

Carrier M, Rodger MA, **Fergusson D**, Doucette S, Kovacs MJ, Moore, J, Kelton JG, Knoll GA. Increased mortality in hemodialysis patients having specific antibodies to the platelet factor 4-heparin Complex. Kidney Int. 2008 Jan;73(2):213-9.

Knoll GA, Cantarovitch M, Cole E, Gill J, Gourishankar S, Holland D, Kiberd B, Muirhead N, Prasad R, Tibbles LA, Treleaven D, **Fergusson D**. The Canadian ACE-inhibitor trial to improve Renal outcomes and patient survival in kidney transplantation – study design. Nephrol Dial Transplant (2007)(Epub ahead of print) (In Press)

D'Egidio GE, Kravcik S, Cooper CL, Cameron DW, **Fergusson DA**, Angel JB. Pneumocystis jiroveci pneumonia prophylaxis is not required with a CD4+ T-cell count <200 cells/ $\mu$ l when viral replication is suppressed. AIDS, 2007, 21:1711-1715.

Aaron SD, **Fergusson D**, Marks GB, Suissa S, Vandemheen K, Doucette S, Maltais DF, Bourbeau JF, Goldstein RS, Balter M, O'donnell D, Fitzgerald MJ. Counting, analyzing and reporting exacerbations of COPD in randomized, controlled trials. Thorax. 2007 Aug 16; [Epub ahead of print] (In Press)

Zarychanski R, Turgeon A, McIntyre L, **Fergusson D**. Erythropoietin-receptor agonists in critically ill patients: a meta-analysis of randomized control trials. CMAJ, 2007 Sep 25; 177(7):725-34.

White CA, Akbari A, Doucette S, **Fergusson D**, Hussain N, Dinh L, Filler G, Lepage N, Knoll GA. A novel equation to estimate glomerular filtration rate using beta-trace protein. Clinical Chemistry 2007;53:1965-1968.

Rambout L, Hopkins L, Fung Kee Fung, M, Hutton B, Shorr R, **Fergusson D**. Prophylactic vaccination against human papillomavirus (HPV) in women: A systematic review of randomized controlled trials. *CMAJ*, Aug. 28, 2007;177(5):469-79.

McIntyre LA, Hébert PC, **Fergusson D**, Cook DJ, Aziz A for the Canadian Critical Care Trials Group. A survey of Canadian intensivists resuscitation practices in early septic shock. *Critical Care* 2007 July 10;14(4)

McIntyre LA, **Fergusson DA**, Hutton B, Cook DJ, Bell D, Dhingra V, Magder S, Hébert PC. *Resuscitating patients with early severe sepsis: a Canadian multicentre observational study*. *Can J Anaesth*. 2007 Oct;54(10):790-8

Hiremath S, **Fergusson D**, Doucette S, Mulay AV, Knoll GA. Renin angiotensin system blockade in kidney transplantation: A systematic review of the evidence. *American Journal of Transplantation* 7(10),2350-2360.

Sabloff M, Atkins HL, Bence-Bruckler I, Bredeson C, **Fergusson D**, Genest P, Hopkins H, Hutton B, McDiarmid S, Huebsch LB. A 15-year analysis of early and late autologous hematopoietic stem cell transplant in relapsed aggressive, transformed, and nontransformed follicular lymphoma. *Biology of Blood and Marrow Transplantation*. July 2007, 13:956-964.

Oake N, **Fergusson DA**, Forster AJ, van Walraven C. Frequency of adverse events in patients with poor anticoagulation: a meta-analysis. *CMAJ*, May 22, 2007. 176 (11) 1589-1594.

Tricco AC, Tetzlaff J, Sampson M, **Fergusson D**, Cogo E, Horsley T, Moher D. Few systematic Reviews exist documenting the extent of bias: a systematic review. *Journal of Clinical Epidemiology*. (In Press).

Hutton B, Sharma R, **Fergusson D**, Tinmouth A, Hebnert P, Jamieson J, Walker M. Use of intravenous immunoglobulin for treatment of recurrent miscarriage: a systematic review. *BJOG* 2007;114:134-142.

**Fergusson D**, Hutton B, Drodge A. The epidemiology of major joint contractures. *Clinical Orthopaedics and Related Research*. March 2007, Vol. 456, 22 - 29.

Al-Abdullayh T, Plint AC, **Fergusson D**. Absorbable versus non-absorbable sutures in the management of wounds and skin lacerations: a meta-analysis. *Pediatr Emerg Care* 2007 May;23(5):339-44.

Aaron SD, Vandemheen KL, **Fergusson D**, Maltais F, Bourbeau J, Goldstein R, Balter M, O'donnell D, McIvor A, Sharma S, Bishop G, Anthony J, Cowie R, Field S, Hirsch A, Hernandez P, Rivington R, Road J, Hoffstein V, Hodder R, Marciniuk D, McCormack D, Fox G, Cox G, Prins HB, Ford G, Bleskie D, Doucette S, Mayers I, Chapman K, Zamel N, Fitzgerald M. Tiotropium in Combination with Placebo, Salmeterol, or Fluticasone-Salmeterol for Treatment of Chronic Obstructive Pulmonary Disease: A Randomized Trial. *Ann Intern Med*. 2007;146:545-555.

Tay J, Tinmouth A, **Fergusson D**, Huebsch L, Allan DS. Systemic review of controlled clinical trials on the use of Ursodeoxycholic acid for the prevention of hepatic veno-occlusive disorder in hematopoietic stem cell

transplantation. *Biol. Blood and Marrow Transplant.* 2007 Feb;13(2):206-17.

Turgeon AF, Hutton B, **Fergusson DA**, McIntyre L, Tinmouth A, Cameron DW, Hebert PC. Meta-analysis: Intravenous immunoglobulin in critically ill adult patients with sepsis. *Ann Intern Med* 2007 Feb.6; 146 (3) 193-203.

Ammerman DJ, Watters J, Clinch JJ, Hebert PC, Wilson KG, Morris DB, **Fergusson D**. Exploring quality of life for patients undergoing major surgery: the perspectives of surgeons, other health-care professionals, and patients. *Surgery* 2007 Jan;141(1):100-9.

Swenson R, Doucette S, **Fergusson D**. Adverse cardiovascular events in antidepressant trials involving high risk patients: A systematic review of randomized trials. *Can. J Psychiatry.* 2006, Dec. ;51(14):923-9.

Hutton B, Sharma R, **Fergusson D**, Tinmouth A, Hebert P, Jamieson J, Walker M. Use of intravenous immunoglobulin for treatment of recent miscarriage of systematic review. *BJOG.* 2006 Dec. 12.

Block JK, Vandemheen KL, Tullis E, **Fergusson D**, Doucette S, Haase D, Berthiaume Y, Brown N, Wilcox P, Bye P, Bell S, Noseworthy M, Pedder L, Freitag A, Paterson N, Aaron SD. Predictors of pulmonary exacerbations in patients with cystic fibrosis infected with multi-resistant bacteria. *Thorax* 2006;61:969–974.

Carrier M, Knoll GA, Kovacs MJ, Moore JC, **Fergusson D**, Rodger MA. The prevalence of antibodies to the platelet factor 4 – heparin complex and association with access thrombosis in patients on chronic hemodialysis. *Thomb Res.* 2006 Nov. 10.

Tinmouth A, **Fergusson D**, Chin-Yee I, Hébert PC. Clinical consequences of red cell storage in the critically ill. *Transfusion* 2006 Nov; 46 (11): 2014-2027

Carless PA, Henry DA, Moxey AJ, O'connell DL, Brown T, **Fergusson DA**. Cell salvage for minimizing perioperative allogeneic blood transfusion. *Cochrane Database Syst. Rev.* 2006 Oct. 18;(4).

Deshauer D, **Fergusson D**, Grof P. Response to Severus, Kleindienst and Greil regarding “Re-evaluation of randomized controlled trials of lithium monotherapy: a cohort effect. *Bipolar Disord.* 2006 Oct;8(5 Pt 1):521.

Hebert PC, **Fergusson D**. Can erythropoietin eradicate red transfusions in the critically ill? *Critical Care Medicine.* 2006 Sep;34(9):2490-1.

Mulay A, Cockfield S, Stryker R, **Fergusson D**, Knoll G. Conversion from calcineurin inhibitors to sirolimus in chronic allograft nephropathy: A systematic review of the evidence. *Transplantation.* 2006 Nov. 15;82(9):1153-1162

Turgeon AF, **Fergusson DA**, Doucette S, Khanna MP, Tinmouth A, Aziz A, Hebert PC. Red blood cell transfusion practices amongst Canadian anesthesiologists: a survey. *Can J Anaesth.*2006 Apr; 53(4):344-52.

Van Walraven C, Jennings A, Oake N, **Fergusson D**, Wells P, Forster A. Effect of Study Setting on Anticoagulation Control: A Systematic Review and Meta-Regression. *Chest* 2006;129;1155-1166.

Arnold DM, **Fergusson DA**, Chan AKC, Cook RJ, Fraser GA, Lim W, Blajchman MA, Cook DJ. Avoiding transfusions in children undergoing cardiac surgery: A meta-analysis of randomized trials of aprotinin. *Anesth Analg* 2006;102:731-7.

Morris DB, Wilson KG, Clinch JJ, Ammerman DJ, **Fergusson D**, Graham I, Porath AJ, Offman A, Boland I, Watters J, Hebert PC. Identification of domains relevant to health-related quality of life in patients undergoing major surgery. *Quality of Life Research* 2006 June;15(5):841-54.

McIntyre LA, **Fergusson DA**, Hutchison JS, Pagliarello G, Marshall JS, Yetisir E, Hare GMT, Hebert PC. Effect of a liberal versus restrictive transfusion strategy on mortality in patients with moderate to severe head injury. *Neurocrit Care*. 2006; 5(1):4-9.

Wells PS, Owen C, Doucette S, **Fergusson D**, Tran H. Does this patient have deep vein thrombosis? *JAMA*, 2006 Jan.11;295(2):199-207.

**Fergusson D**, Hutton B, Sharma M, Tinmouth A, Wilson K, Cameron D.W. Hebert PC. Use of intravenous immunoglobulin for treatment of neurologic conditions: a systematic review. *Transfusion* 2005 Oct;45(10):1640-57.

**Fergusson D**, Glass KC, Hutton B, Shapiro S. Randomized controlled trials of aprotinin in cardiac surgery: could clinical equipoise have stopped the bleeding? *Clin. Trials*. 2005; 2(3):218-29.

**Fergusson D**, Doucette S, Glass K, Shapiro S, Healy D, Hébert P, Hutton B. Association between suicide attempts and selective serotonin reuptake inhibitors: systematic review of randomized controlled trials. *BMJ* Vol. 330, 19, Feb. 2005.

**Fergusson D**. The cost of Blood: Multidisciplinary consensus conference for a standard methodology transfusion medicines reviews. The Society for the Advancement of Blood Management. Participants of the Cost of Blood Consensus Conference. Charleston SC, May 2-5, 2003. Vol. 19, Issue 1, January 2005, 66 - 78.

**Fergusson D**. The health(y) cost of erythropoietin in orthopedic surgery. *Canadian Journal of Anesthesia*. 2005, 52:4 347 – 351.

Mulay AV, Hussain N, **Fergusson D**, Knoll GA. Calcineurin Inhibitor Withdrawal from sirolimus-Based Therapy in Kidney Transplantation: A systematic Review of Randomized Trials. *American Journal of Transplantation* 2005; 5: 1748-1756.

Deshauer D, **Fergusson D**, Duffy A, Albuquerque J, Grof P. Re-evaluation of randomized control trials of lithium monotherapy: a cohort effect. *Bipolar Disorders* 2005;7: 382-387.

Kanji S, Buffie J, Hutton B, Bunting P, Singh A, McDonald K, **D. Fergusson**, McIntyre L, Hébert P. Reliability of point-of-care testing for glucose measurement in critically ill adults. *Critical Care Med*. 2005 Dec; 33,(12):2778 - 2785

Pan L, **Fergusson D**, Schweitzer I, Hébert P. Ensuring high accuracy of data abstracted from patient charts: the use of standardized medical record as a training tool. *J Clin Epidemiol*.2005 Sep;58(9):918-23.

Aaron, SD, Vandemheen KL, Ferris W, **Fergusson D**, Tullis E, Haase D, Berthiaume Y, Brown N, Wilcox P, Yozghatlian V, Bye P, Bell S, Chan F, Rose, B, Jeanneret A, Stephenson A, Noseworthy M, Freitag A, Paterson N, Doucette S, Harbour C, Ruel M, MacDonald N. Combination antibiotic susceptibility testing to treat exacerbations of cystic fibrosis associated with multiresistant bacteria: a randomized, double-blind, controlled clinical trial. *The Lancet*: August, 2005; Vol 366, 463-471.

Alherabi A, Margalani O, Dulguerov P, **Fergusson D**, Kilty S, Ling F, Preston M, Corsten M. Perioperative prophylactic antibiotics in head and neck cancer surgery (Protocol). *The Cochrane Database of Systematic Reviews* 20 July 2005, Issue 3. Art No: CD005394.DOI 10.1002.

Hutton B, **Fergusson D**, Tinmouth A, McIntyre L, Kmetz A, Hebert PC. Transfusion rates vary significantly amongst Canadian medical centers; *Can J Anaesth*. 2005 June; 52(6):581-90.

Haddad MN, Alghofaili FS, **Fergusson DA**, Masters RG. Induction immunosuppression after heart transplantation; monoclonal vs. polyclonal antithymoglobulins. Is there a difference? *Interact CardioVasc. Thorac Surg*. 2005;4:415-419.

Calder LA, Balasubramanian, **Fergusson D**. Topical nonsteroidal anti-inflammatory drugs for corneal abrasions: meta-analysis of randomized trials. *ACAD Emerg. Med*. May 2005, Vol. 12, No 5. 467 – 473.

Hebert PC, Chin-Yee I, **Fergusson D**, Blajchman M, Martineau R, Clinch J, Olberg B. A pilot trial evaluating the clinical effects of prolonged storage of red cell. *Anesthesia and Analgesia*. *Anesth. Analg* May 2005;100:1433-8.

Hébert Paul C, **Fergusson Dean A**, Stather D, McIntyre Lauralyn, Martin C, Doucette S, Blajchman Morris, Graham Ian D; Canadian Critical Care Trial Group. Revisiting transfusion practices in Critically Ill Patients *Crit Care Med*. 2005 Jan;33(1):7-12.

Tinmouth A, MacDougall L, **Fergusson Dm** Amin M, Graham ID, Hebert PC, Wilson K. Reducing the amount of blood transfused: A systematic review of behavioral interventions to change physicians' transfusion practice. *Archives of Internal Medicine* 2005;165:845-852.

Hébert PC, **Fergusson DA**. Do transfusions get to the heart of the matter? *JAMA* 2004;292 (13):1610-1612.

Amin M, **Fergusson D**, Wilson K, Tinmouth A, Aziz A, Coyle D, Hebert P. The societal unit cost of allogenic red blood cells and red blood cell transfusion in Canada. *Transfusion*. 2004 Oct; 44(10):1479-86.

Artz AS, **Fergusson D**, Drinka PJ, Gerald M, Gravenstein S, Lechich A, Silverstone F, Finnigan S, Janowski MC, McCamish MA, Ershler WB. Prevalence of anemia in skilled-nursing home residents. *Arch Gerontol Geriatr*. 2004 Nov-Dec; 39(3):201-6

McIntyre LA, **Fergusson DA**, Hébert PC for the Transfusion Requirements in Critical Care Investigators for the Canadian Critical Care Trials Group. Is a restrictive transfusion strategy safe in resuscitated multiple trauma victims? *Journal of Trauma, Infection and Critical Care* 2004; 57(3):563-568.

Hutton B, **Fergusson D**. Changes in body weight and serum lipid profile in obese patients treated with orlistat in addition to a hypocaloric diet: a systematic review of randomized clinical trials. *Am J Clin Nutr*. 2004 Dec;80(6):1461-8. Review.

Aaron SD, **Fergusson D**, Dent R, Vandemheen K, Chen Y, Dales R. Effect of weight reduction on respiratory function and airway reactivity in obese females. *Chest*, 125 (6): 2046-2052, June 2004

**Fergusson D**, Khanna MP, Tinmouth A, Hébert PC. A Meta-Analysis of Clinical Trials Evaluating Leukoreduced Red Blood Cell Transfusions in Surgical Patients. *Can J Anesth* 2004; 51(5): 417-424.

Alvarez GG, **Fergusson DA**, Neilipovitz DT, Hébert PC. A meta-analysis of the effectiveness of cell salvage to minimize perioperative allogeneic blood transfusion in vascular surgery. *Can J Anesth* 2004 51:5;425-431.

Aaron SD, Vandemheen K, **Fergusson D**, Fitzgerald M, Maltais F, Bourbeau J, Goldstein R, McIvor M, O'Donnell D. The Canadian Optimal Therapy of COPD Trial: Design, Organization, and Patient Recruitment. *The Canadian Respiratory Journal*. March 2004.

Carless P, Henry D, Moxey A, O'Connell D, McClelland B, Henderson K, Sly K, Laupacis A, **Fergusson D**. Desmopressin for minimising perioperative allogeneic blood transfusion. *Cochrane Database Syst. Rev*. 2004;1:CD001884

**Fergusson D**, Glass KC, Waring D, Shapiro S. Turning a blind eye: the success of blinding reported in a random sample of randomised, placebo-controlled trials. *BMJ*, 2004; 328:432-4

Artz AS, **Fergusson D**, Drinka PJ, Gerald M, Bidenbender R, Lechich A, Silverstone F, McCamish MA, Ershler WB. Mechanisms of Unexplained Anemia in the Nursing-Home. *J Am Geriatr Soc* 2004, 52:423-7.

Amin M, **D Fergusson**, A Aziz, K Wilson, D Coyle, PC Hébert. The cost of allogeneic RBCs- A systematic review. *Transfusion Medicine*, 2003;13:275-85

Wilson, K, MacDougall, L, Pinard, B, Amin, M, **Fergusson, D**, Graham, I, Blajchman, M, Freedman, J, Angus, D, Hébert, P. How Should Canada Fund the Blood System? An evaluation of the Chargeback Proposal. *Hospital Quarterly*, 2003, Vol. 6,3,:47-54.

McIntyre LA, **Fergusson DA**, Hébert PC, Moher D, Hutchison JS. Prolonged therapeutic hypothermia after traumatic brain injury in adults: a systematic review. *JAMA* 2003 Jun 11;289(22):2992-2998.

**Fergusson DA**. Leukoreduction in Neonatal Intensive Care: Does it make a difference? *Transfusion Alternatives in Transfusion Medicine*. April 2003, 5S (1).

Khanna MP, Hébert PC, **Fergusson DA**. Review of the clinical practice literature on patient characteristics associated with perioperative allogeneic red blood cell transfusion. *Transfus Med. Rev*. 2003. Apr.7 (2):110-9.

**Fergusson D**, Hébert PC, Lee SK, Walker CR, Barrington KJ, Joseph L, Blajchman MA, Shapiro S. Clinical outcomes following institution of universal leukoreduction of blood transfusions for premature infants. *JAMA*. 2003 Apr. 16; 289 (15):1950-6.

Hébert PC, **Fergusson D**, Blajchman MA, Wells GA, Kmetz A, Coyle D, Heddle N, Germain M, Goldman M, Toye B, Schweitzer I, vanWalraven C, Devine D, Sher GD. Clinical outcomes following institution of the Canadian universal leukoreduction program for red blood cell transfusions. *JAMA*. 2003 Apr. 16; 289 (15):1941-9.

Hébert PC, **Fergusson DA**. Executive Committee of the Evaluation of a Universal Leukoreduction Program study. Evaluation of a universal leukoreduction program in Canada. *Vox Sang*. 2002 Aug; 83 Suppl 1:207-9.

Hébert PC, **Fergusson D**. Red blood cell transfusions in critically ill patients. *JAMA*. 2002; 288(12): 1525-6.

**Fergusson D**, Aaron S, Guyatt G, Hébert P, Post-randomisation exclusions: the intention to treat principle and excluding patients from analysis. *BMJ*. 2002 Sep 21; 325(7365):652-4.

Wilson K, MacDougall L, **Fergusson D**, Graham I, Tinmouth A, Hébert PC, The effectiveness of interventions to reduce physician's levels of inappropriate transfusion: what can be learned from a systematic review of the literature. *Transfusion*. 2002; 42:1224-29.

**Fergusson D**, Hébert, PC, Shapiro, S, The before and after study design in transfusion medicine: methodological considerations. *Transfusion Medicine Reviews*. 2002;16(4):296-303.

Henry DA, Carless PA, Moxey AJ, O'Connell D, Forgie MA, Wells PS, **Fergusson D**. Pre-operative autologous donation for minimising perioperative allogeneic blood transfusion. *Cochrane Database Syst Rev*. 2002;(2):CD003602.

**Fergusson D**, Hébert PC, Barrington, KJ, Shapiro SH, Effectiveness of WBC reduction in neonates: what is the evidence of benefit? *Transfusion*. 2002 Feb;42(2):159-65.

### **Submitted Manuscripts:**

Zarychanski R, Doucette S, Fergusson D, Gulati H, Roberts D, Houston DH, Kumar A. Intravenous unfractionated heparin is associated with decreased mortality in patients diagnosed with septic shock: A propensity analysis. (Submitted – to JAMA...Under Revision).

Oake N, Jennings A, Forster, A J, **Fergusson D**, Doucette S, van Walraven C. The association between anticoagulation intensity and outcomes for oral anticoagulant users: A systematic review and meta-analysis. American Journal of Medicine, Submitted Aug. 2007

Carrier M, Knoll GA, Rodger M, **Fergusson D**. Antibodies to the platelet factor4 – heparin complex and mortality in hemodialysis patients. Submitted to, Blood. May 2007

Kanji S, Stewart R, **Fergusson DA**, McIntyre L, Turgeon A, Hebert PC. Treatment of new-onset atrial fibrillation in non-cardiac ICU patients: A systematic review of randomized controlled trials. Submitted to Critical Care Medicine Jan. 2007

Oake N, Jennings A, Forster AJ, **Fergusson D**, Doucette S, van Walraven C. The association between anticoagulation intensity and outcomes for oral anticoagulant users: A systematic review and meta-analysis. American Journal of Medicine, submitted Aug. 2007.

**Fergusson D**, Doucette S, Aaron SD, Hebert P. Interpreting and presenting adjusted measures of effect in randomized clinical trials: practical guidance for physicians. Submitted to, Journal of Clinical Epidemiology.(submitted Jan 2005).

Hébert PC, Cook DJ, **Fergusson DA**. Improving Patient Safety in Randomized Trials: Enhancing the role of Data Safety and Monitoring Committees. Submitted to JAMA (Aug. 31, 2004)

Fitzpatrick E, Séguin C, Schramm D, **Fergusson D**. A Systematic Review of the Effectiveness of Cochlear Implants in Preschool Children. Submitted to, Laryngoscope (July 2004).

Shapiro S, **Fergusson D**, Glass K, Blind Faith: Placebo Control Trials and the Notion of Assay Sensitivity. Submitted to Journal of Clinical Trials

### **Technical Documents (Peer Reviewed)**

Coyle D, Lee K, **Fergusson D**, Laupacis A, Economic analysis of erythropoietin use in surgery. Canadian Coordinating Office of Health Technology Assessment 1998

Callum JD, Pinkerton PH. Bloody easy, Blood Transfusion, Blood Alternatives and Transfusion Reactions. A Guide to Transfusion Medicine. Blood Products Advisory Panel.

### **Book Chapters:**

Paul Hébert, Alan Tinmouth, **Dean Fergusson**, The Design of Interventional Trials in Transfusion Medicine. Practical Transfusion Medicine, 2nd Edition, Edited by M. Murphy and D. Pamphilon, Blackwell Publishing, Oxford (in press March 2004)

**Fergusson D**, Graham ID, Laupacis A, for the International Study of Peri-Operative Transfusion (ISPOT) Investigators. The use of technologies to decrease perioperative allogeneic blood transfusion: An international survey of practice. 22nd International Symposium on Blood Transfusion: Alternative Approaches to human blood resources in clinical practice, Groningen, Netherlands, October 1998

Laupacis A, **Fergusson D**, for the International Study of Peri-Operative Transfusion (ISPOT) Investigators. A systematic review of the efficacy of technologies to minimize perioperative allogeneic red cell transfusion. 22nd International Symposium on Blood Transfusion: Alternative Approaches to human blood resources in clinical practice, Groningen, Netherlands, October 1998

### **ABSTRACTS:**

L.A. McIntyre, **D. Fergusson**, D. J. Cook, N. Rankin, V. Dhingra, J. Granton, S. Magder, M. Taaljad, P.C. Hebert. Fluid Resuscitation for the Management of Early Septic Shock (FINESS): A Pilot Randomized Controlled Trial. Accepted to the SCCM meeting, February, 2008.

Carrier M, Tay J, **Fergusson D**, Wells PS. Thromboprophylaxis for catheter-related thrombosis in patients with cancer: A systematic review. American Society for Hematology. Dec. 9, 2007

Heughan CE, Kanigsberg N, Amdemichael E, Fergusson D. The dermatology workforce shortage in eastern Ontario. Survey results and implications for the future. Canadian Dermatology Association's 82<sup>nd</sup> Annual Conference, Toronto, Ontario. June 29-July 4, 2007.

White C, Akbari A, Filler G, Doucette S, **Fergusson D**, Lepage N, Hussain N, Dinh L and Knoll GA. Glomerular filtration rate estimation equations based on serum beta-trace protein are highly accurate in renal transplant recipients. Accepted for presentation at the Canadian Society of Nephrology Annual Scientific Meeting, May 2007

White C, Akbari A, Doucette S, **Fergusson D**, Hussain N, Dinh L, Filler G, Lepage N and Knoll GA. Serum beta-trace protein concentration is dependent on many extra-renal factors in renal transplant recipients. Accepted for presentation at the Canadian Society of Nephrology Annual Scientific Meeting, May 2007

White C, Akbari A, Doucette S, **Fergusson D**, Hussain N, Dinh L, Filler G, Lepage N and Knoll GA. Predictors of serum Cystatin C concentration in renal transplant recipients. Accepted for presentation at the Canadian Society of Nephrology Annual Scientific Meeting, May 2007.

Cagiannos I, Morash C, Kamal F, Jamalalail S, Bradwell S, **Fergusson D**. Prognosis of bladder cancer: Difference between primary muscle invasive and progressive non-muscle invasive tumours. Resident Research Day, Division of Urology, University of Ottawa, The Ottawa Hospital. April 25 2007.

Raju Gaayana A, **Fergusson D**, Morash C, Cagiannos I. Side specific prediction of extracapsular extension using pre-operative variables. Resident Research Day, Division of Urology, University of Ottawa, The Ottawa Hospital. April 25 2007.

Wiesenthal JD, Payne R, Morash C, **Fergusson D**, Cagiannos I. Salvage radical cystectomy post chemoradiotherapy: The Ottawa Experience. Resident Research Day, Division of Urology, University of Ottawa, The Ottawa Hospital. April 25, 2007.

Roberts MT, Morash C, **Fergusson D**, Cagiannos I. The association between prostate weight and clinical pathologic outcomes in men undergoing radical prostatectomy. Resident Research Day, Division of Urology, University of Ottawa, The Ottawa Hospital. April 25, 2007.

Breau RH, **Fergusson D**, Morash C, Cagiannos I. Predictors of post-partial nephrectomy renal function using 24 hour urine creatinine measurements. Resident Research Day, Division of Urology, University of Ottawa, The Ottawa Hospital. April 25, 2007.

White C, Doucette S, **Fergusson D**, Akbari A, Hussain N, Dinh L, Filler G, Lepage N, Knoll G. Estimating Gfr In Kidney Transplantation: A Novel Equation Using Beta Trace Protein. Presented at the Canadian Society of Transplantation Annual Scientific Meeting, March 2007.

Carrier M, Rodger M, **Fergusson D**, Kovacs M, Moore J, Knoll G. High prevalence of antibodies to the heparin-platelet factor 4 complex and association with venous access thrombosis in patients on chronic hemodialysis. Presented at the Canadian Society of Nephrology Annual Scientific Meeting, May 2006.

White C, Doucette S, **Fergusson D**, Akbari A, Hussain N, Dinh L, Filler G, Lepage N, Knoll G. Estimating GFR in kidney transplantation: A novel equation using Beta trace protein. Presented at the World Transplant Congress, July 2006.

Carrier M, Rodger M, **Fergusson D**, Kovacs M, Moore J, Knoll G. Antibodies to the Platelet Factor 4-Heparin Complex and Mortality in Chronic Hemodialysis Patients. Presented at the American Society of Hematology Annual Meeting, December, 2006

Tricco AC, Moher D, Tetzlaff J, Sampson T, **Fergusson D**, Cogo E, Armour T. Bias at the systematic review level: A systematic review. Abstract Poster Presentation, 5<sup>th</sup> Canadian Cochrane Symposium, Jan, 2006.

McIntyre LA, **Fergusson DA**, Hutchison JS, Pagliarello G, Marshall JC, Yetisir E, Hare GM, Hebert PC. Effect of a liberal versus restrictive transfusion strategy on mortality in patients with moderate to severe head injury. *Neurocrit Care*. 2006;5(1):4-9.

Carless PA, Henry DA, Moxey AJ, O'connell DL, Brown T, **Fergusson DA**. Cell salvage for minimizing perioperative allogeneic blood transfusion. *Cochrane Data Base Syst. Rev.* 2006 Oct. 18;(4):CD001888.

Carrier M, Knoll GA, Kovacs MJ, Moore JC, **Fergusson D**, Rodger MA. The prevalence of antibodies to the platelet factor 4-Heparin complex and association with access thrombosis in patients on chronic hemodialysis. *Thrombosis Research*. Nov. 2006

Deshauer D, **Fergusson D**, Grof P. Response to Severus, Kleindienst and Greil regarding "re-evaluation of randomized controlled trials of lithium monotherapy: a cohort effect. *Bipolar Disor.* 2006 Oct; 8 (5 pt1):521.

Tay J, **Fergusson D**, Hutton B, Hebert P, Huebsch L, Tinmouth A. Prophylactic use of intravenous immune globulin in the management of patient undergoing hematopoietic stem cell transplantation: A systematic review of literature. Poster Presentation for The American Society of Hematology, Annual Meeting Nov. 2006.

Tay J, Tinmouth A, **Fergusson D**, Huebsch L, Allan DS. Systematic review of controlled clinical trials on the use of Ursodeoxycholic acid for the prevention of hepatic sinusoidal obstruction syndrome in hematopoietic stem cell transplantation. Poster Presentation for The American Society of Hematology, Annual Meeting Nov. 2006.

Kanji S, Stewart R, **Fergusson D**, McIntyre L, Turgeon AF, Hebert PC. Treatment of new-onset atrial fibrillation in non-cardiac ICU patients: A systematic review. Presenting Oct. 2006 to TCCMS Meeting.

Mazer D, **Fergusson D**, Hebert P, Pretorius R, Teoh K, MacAdams C, Robblee J, Bussières J, Karski J, Arellano R, Duke P, Karkouti K, Roger M, Blajchman M, Murkin J, Fremes S, For the BART Investigators. Incidence of Massive Bleeding in a Blinded Randomized Controlled Trial of Antifibrinolytic Drugs in High Risk Cardiac Surgery.

Presented at the Society of Cardiovascular Anesthesiologists congress, from 28 April—3 May 2006 in San Diego.

Pretorius R, for the BART Investigators\*. **\*Fergusson D**, Hebert P, Mazer D, Teoh K, MacAdams C, Robblee J, Bussières J, Karski J, Arellano R, Duke P, Roger M, Blajchman M, Murkin J, Fremes S, Ansley D, Denault A, Hirsch G, Cain J, Martin R, Mathur S, Lee T. Major Outcomes following High Risk Cardiac Surgery. Accepted for a poster presentation at the Canadian Anesthesiologist's Congress. June 16 to 20, 2006.

Pretorius R, for the BART Investigators\*. **\*Fergusson D**, Hebert P, Mazer D, Teoh K, MacAdams C, Robblee J, Bussières J, Karski K, Arellano R, Duke P, Roger M, Blajchman M, Murkin J, Fremes S, Ansley D, Denault A, Hirsch G, Cain J, Martin R, Mathur S, Lee T. Renal Failure following High Risk Cardiac Surgery. Accepted as a poster at the World Society of Cardio-Thoracic Surgeons August 17-20, 2006.

Carrier M, Rodger M, **Fergusson D**, Kovacs M, Moore J, Knoll G. High prevalence of antibodies to the heparin-platelet factor 4 complex and association with venous access thrombosis in patients on chronic hemodialysis. Submitted Canadian Society of Nephrology. Feb. 2006. Accepted in Press.

**Fergusson D**, Hutton B, Hogan D. Issues of Ethics and Patient Consent in a Comparison of Fresh Versus Standard-Care RBC's in Premature Infants: The ARIPI Trial. Poster Session: Society for Clinical Trials May 21-24, 2006, Orlanda, Florida. Accepted, Jan. 2006.

Mulay A, Cockfield S, **Fergusson D**, Knoll G. Conversion from calcineurin inhibitors to sirolimus in chronic allograft nephropathy: A systematic review of the evidence. Oral Presentation. Canadian Society of Nephrology. Calgary, Alberta. May 25-29, 2005

McIntyre L, **Fergusson D**, Hutton B, Cook DJ, Bell D, Dhingra V, Magder S, Rose N, Hebert PC. Practice Variation in Resuscitation of Patients with Severe Sepsis. American Thoracic Society International Conference. May 2005, San Diego, California.

McIntyre L, Magder S, Dingra VD, Nicholas R, Hébert P, **Fergusson D**, Cook D. Is quantity of fluid administered in early severe sepsis associated with hospital mortality? American Thoracic Society International Conference. May 2005, San Diego, California.

Hiremath S, Doucette S, **Fergusson D**, Knoll A. Inhibition of the renin-angiotensin system in kidney transplant recipients: A systematic review and meta-analysis of randomized trials. Abstract Poster Presentation. American Transplant Congress 2005, May. Washington, DC.

Mulay A, Cockfield S, **Fergusson D**, Knoll A. Does conversion from a calcineurin inhibitor to sirolimus improve renal function in allograft nephropathy: A systematic review of the evidence. Abstract Poster Presentation. American Transplant Congress 2005, May, Washington, DC.

Knoll G, Mulay A, **Fergusson D**, Nasar HH. Is Calcineurin Inhibitor withdrawal safe and effective for kidney transplant recipients on sirolimus-based immunosuppression? A systematic review of randomized trials. Abstract Poster Presentation, CST Annual Scientific Meeting, March 2005. Banff, Alberta

Knoll G, **Fergusson DA**, Doucette S, Hiremath S. Do angiotensin converting enzyme inhibitors (ACEI) and angiotensin II receptor blockers (ARB) have any effect on renal function in kidney transplant recipients? A systematic review of randomized trials. Abstract Poster Presentation, CST Annual Scientific Meeting, March 2005, Banff, Alberta

McIntyre L, **Fergusson DA**, Cook D, Hébert PC. Physician Resuscitation Practices in Early Septic Shock: A Canadian Survey. Abstract Poster Presentation, Toronto Critical Care Medicine Symposium, (TCCMS) 2004

Hutton B, **Fergusson DA**, Hebert PC, Tinmouth A, McIntyre L, Kmetz A. Variation in transfusion rates amongst Canadian Academic and Community Medical Centers. Presented at American Society of Hematology 46<sup>th</sup> Annual Meeting, San Diego California, Dec. 2004

Arnold DM, Fergusson D, Chan AK, Cook RJ, Fraser GA, Lim W, Heddle NM, Blajchman MA, Cook DJ. The Use of Aprotinin to Reduce Transfusion Requirements in Children Undergoing Cardiac Surgery: A Meta-Analysis. Presented at American Society of Hematology 46<sup>th</sup> Annual Meeting, San Diego California, Dec. 2004

Hutton B, **Fergusson DA**, Sharma M, Tinmouth A, Wilson K, Cameron B, Hebert PC. Use of intravenous immunoglobulin for treatment of neurological conditions: a systematic review. Presented at American Society of Hematology 46<sup>th</sup> Annual Meeting, San Diego California, Dec. 2004

Amin MA, Hébert PC, **Fergusson DA**. The Societal Cost of Allogeneic RBS Transfusion in Canada. Transfusion: 43 (Supp),AP69, 2003

## **Meetings Attended**

**2007**

- Dec. 10,11      Presentation 2 day lecture series to Residents,  
Department of Medicine, The Ottawa Hospital
- *Introduction to clinical epidemiology and major concepts*
  - *Observational Studies*
  - *Clinical Trials*
  - *Systematic review*
- Clinical Research Education Program
- Nov. 22      Presentation: *Why we conduct systematic reviews.*  
CEP Students  
McGill University, Montreal PQ
- Nov. 16, 17,      Presentation: 2 ½ day lecture series
- *Introduction to clinical epidemiology and major concepts*
  - *Observational Studies*
  - *Clinical Trials*
  - *Systematic reviews*
- Department of Otolaryngology, The Ottawa Hospital  
Clinical Research Education Program
- Nov. 9,      Presentation: *Management of preoperative anemia: intravenous iron and  
Recombinant human erythropoietin.*  
NATA Expert Meeting. Management of Preoperative Anemia in Elective  
Orthopedic (Hip, Knee and Spine) Surgery  
Amsterdam, the Netherlands.
- Nov. 1,      Presentation: *Editorial Perspective*  
Session: Plenary RCT – Erythropoietin  
Critical Care Canada Forum 2007, Toronto, Ontario
- Oct. 31,      Presentation: *Observational vs. interventional data- a case study with Aprotinin*  
Session: Issues in Clinical Critical Care Research  
Critical Care Canada Forum 2007, Toronto, Ontario
- Oct. 21,      Presentation: *Blood Management Strategie: Is there a down side?*  
AABB, Annual and TXPO 2007 Meeting, Anaheim, California
- Oct. 19,      Invited Speaker,  
Presentation: *What is the optimal study design to detect serious adverse events?*  
Clinical Epidemiology Seminar Rounds, Ottawa Health Research Institute  
The Ottawa Hospital, Ottawa, ON.
- Sept. 28      Panel Expert: Eprex/Aranesp subcommittee, Ministry of Health Meeting  
Toronto, ON (by teleconference)
- Sept. 25      Attended: CADTH and EBRI Technology, A University of Ottawa and SCO Health

Service Partnership  
Elisabeth Bruyere Research Institute, Ottawa, ON

- Sept. 24      *Site Visit*  
As Principal Investigator to the Age of Red Blood in Premature Infants grant  
IWK Hospital, Halifax, Nova Scotia.
- July 17,      Presentation:  
*What every resident should know about methodology in medical research (Part I)*  
Radiology Resident Research Day, The Ottawa Hospital
- July 3,      Participation:  
The development of clinical research database usage policy for TOH/OHRI  
Civic Campus, The Ottawa Hospital
- June 25,27      Participation:  
CFI, Large Scale Institutional Endeavour, Steering Committee, theme meetings
- June 19      Presentation: *Randomized clinical trials: An overview and their critical*  
*Appraisal.* Department of Medicine, Curriculum for Clinical Research Education Program  
The Ottawa Hospital
- June 18      Workshop participation  
Institute of Nutrition, Metabolism and Diabetes  
“Obesity and pregnancy – an opportune time for intervention to prevent long-term  
sequelae in mothers and their offspring. Courtyard by Marriott, Ottawa, Ontario
- June 11 – 13      Attended and Participated -  
Discussions regarding clinical trials of the CCCTG  
Discussion and review of trials data  
Canadian Critical Care Trials Group, 2007 Spring Meeting, North Hatley, Quebec.
- June 7      Workshop Presentation:  
GRISM: Group de recherche interuniversitaire en Sciences infirmieres de Montreal  
Montreal, P.Q.
- June 5      *Site Visit*  
Age of Red Blood Cells in Premature Infants,  
Principal Investigator, Site visit to Montreal Jewish Hospital
- May 29      Presentation: *The ethical imperative of reviewing the evidence to support*  
*your research: The case of aprotinin.*  
Key-Note Address: Diagnostic Radiology Research Day.  
The Ottawa Hospital, Civic Campus
- May 21      Presentation: *Placebo use, safety monitoring, and evolution of risk in pediatric clinical trials.*

Society for Clinical Trials (28<sup>th</sup> Annual Meeting, Montreal, P.Q.

- May 16,17,18      Presentations:  
- *Introduction to clinical epidemiology and major concepts*  
- *Observational Studies*  
- *Clinical Trials*  
- *Systematic reviews*  
Department of Surgery, Curriculum for Clinical Research Educational Program  
Lecture series, by the Methods Centre. The Ottawa Hospital
- May 1 and 2      Committee Member, Reviewer  
Randomized Controlled Trials  
Canadian Institutes of Health Research, Ottawa, Ontario
- Apr. 23      Presentation: *Study Design II: Randomized Controlled Trials*  
Intro to Epidemiology Course 2007 Maternal-Fetal Medicine  
The Ottawa Hospital
- Apr. 16      Presentation: *Systematic Reviews*  
Intro to Epidemiology Course 2007 Maternal-Fetal Medicine  
The Ottawa Hospital
- March 9      Presentation: *Blood Conservation in Orthopedic Surgery*  
NATA Expert Meeting  
Expert Panel Member (*delivered by teleconference*)  
Barcelona, Spain
- Jan. 22 – 26      The Canadian Critical Care Trials Group  
Lake Louise, Alberta
- 2006**
- November 23      Presentation: *Preliminary results of The Patient Safety in Clinical Trials*  
*Survey to Canadian Research Ethics Boards* Clinical Trials Research Group,  
McGill University
- Oct. 17      Presentation: *An Introduction to Clinical Epidemiology*  
Department of Medicine, Curriculum for Clinical Research Education Program  
The Ottawa Hospital
- October 10      Presentation: *The CEP Methods Centre*  
Clinical Epidemiology Retreat, Econiche House, Gatineau Quebec
- October 6      Presentation: *Providing the tools for effective clinical research*  
The First Annual Clinical Research Training Course, The Ottawa Hospital,  
Civic Campus

- Sept. 9                      Presentation: *The Implications of Outcome Trials for Transfusion*  
Virginia Commonwealth University Medical Center, Richmond, Virginia, USA  
Best Practices in Blood Management
- August 16                    *Investigators Meeting: Investigators for the Prednisone Trial in HIV patients with pulmonary TB at Edendale Hospital.*  
World AIDS Conference, Toronto, Ontario
- July 25                        Presentation: *The Basics of Clinical Epidemiology*  
Division of Radiology, Radiology Resident , The Ottawa Hospital
- July 5 and 6                 Age of Blood Evaluation (ABLE) in the Resuscitation of Critically Ill Patients  
International Planning Meeting, Toronto, Ontario
- June 29, 30                 Presentations:  
1. *SRI and interests related to the steering group. ISPO work, cost of blood and primary research*  
2. *Cardiac Anaesthetists Grand Rounds:*  
    *“Aprotinin” – should we disregard the NEJM report?*  
    *Where next after the TRICC trial.*  
    *Should surgeons be worried about the age of blood?*  
SRI Steering Committee Group, National Blood Service  
Systematic Review Initiative Steering group, UK, Oxford, England
- June 14 – 16                Presentation: *ARIPI Study: Study rationale and Progress Report*  
The Canadian Neonatology Meeting (CNN)  
St. Johns New Foundland
- June 1                        Academic Priority Setting Process, Care of the Acutely Ill Working Group  
The Ottawa Hospital
- May 21 – 24                 Participant – attended workshops  
Society for Clinical Trials, Orlando, Florida
- May 9                         Appraisal of the MSc, Department of Epidemiology and Community  
Medicine External Review, University of Ottawa,
- May 8                         Awards Committee Meeting - Review  
Ottawa Health Research Institute.
- May 5                         Presentation: *Study Introduction and Overview (study design, outcome measures, planned trial intervention, trial timeline and patient flow).*  
First Research Co-Ordinators’ Meeting  
ACE-Inhibition for the Preservation of Renal Function and Patient Survival in Kidney Transplantation.

- April 18                      Research Ethics Board – Review of Applications.  
The Ottawa Hospital
- April 6 and 7                Presentations:  
1. *The use of Aprotinin in Randomized Controlled Trials: A Critical Look at the Accumulated Evidence*  
2. *Cost-Effectiveness of Pharmacological Alternative*  
3. *Blood Salvage- Evidence Base*  
Network for Advancement of Transfusion Alternatives (NATA)  
Malaga, Spain
- March 21                      Presentation: *Systematic Reviews*  
Obstetrical Rounds, EPI Course,  
University of Ottawa. The Ottawa Hospital
- March 20                      Presentation: *Primary Studies: Clinical Trials*  
WHO Training Program.  
Children’s Hospital of Eastern Ontario, Research Institute
- March 8                        Present Study: *Neonates, Old versus New Blood: ARIPI Trial*  
Division of Hematology and Transfusion Medicine, The Ottawa Hospital
- March 3                        Ace-Inhibition for the Preservation of Renal Function and Patient Survival in  
Kidney Transplantation, First Investigators’ Meeting  
Fairmont Hotel, Mont-Tremblant, Quebec
- Feb. 28                        Presentation: *Study Designs II: Randomized Control Trial*  
Obstetrical Rounds, EPI Course, University of Ottawa. The Ottawa Hospital
- Feb. 22                        Presentation: *The ethical and scientific imperative of conducting systematic  
reviews: The case of Aprotinin.*  
The Ottawa Hospital, City Wide Medical Grand Rounds, University of Ottawa
- Feb. 17                        Presentations:  
1. *Does the age of donated blood affect premature infants? The ARIPI Trial*  
2. *Why we conduct systematic reviews: the case of Aprotinin*  
Pediatric Grand Rounds, Royal University Hospital, Saskatoon, Saskatchewan
- Jan. 16-19                    Attended: Canadian Critical Care Trial Group Meeting  
Lake Louise, Alberta.
- 2005**
- Nov. 28                        Presentation: *The need for an ethical and scientific rationale to justify a clinical  
trial: The role of clinical equipoise.* BioNorth 2005, Westin Hotel, Ottawa, Ontario
- Nov. 28                        Presentation: *Pooling sparse adverse event data from randomized clinical trials*  
3<sup>rd</sup> Annual Statistics in Action Mini-seminar, Statistical Society of Ottawa.

- Nov. 18 Presentation: *The Methods Centre*  
CEP Rounds, Ottawa Hospital General Campus
- October 25 Presentation: *SSRI's – Selective Serotonin Reuptake Inhibitors*  
Canadian Association for Suicide Prevention (CASP) Annual Conference.  
Ottawa, Ontario
- June 25 Presentations:  
1. *Ethical Issues for Investigators When Performing Clinical Research From Start to Finish.*  
2. *Ongoing Ethical Issues with Placebo Controlled Trials.*  
Canadian Academy of Urological Surgeons, Ottawa, Canada.
- June 23 Presentation: *Age of Red Blood Cells in Premature Infants (ARIPI) Trial.*  
Canadian Pediatric Society, CNN Research Meeting, Vancouver, British Columbia
- June 12 – 15 Presentation: *Effectiveness on Leukoreduction: a Review of the Evidence.*  
Blood Transfusion Symposium at the International Symposium for Blood Substitutes. The Xth International Symposium on Blood Substitutes.  
Providence, Rhode Island
- May 22 Presentation: *Limited Visibility: Blinding Clinical Trials*  
Society for Clinical Trials, 26<sup>th</sup> Annual Meeting. Portland Oregon, USA
- April 26 Presentation: *Recent and ongoing key trials of blood safety, efficacy and effectiveness-what do they tell you?*  
*Managing Surgical Bleeding in 2005: An Expert-and Evidence-Based Guide*  
Royal College of Surgeons, Edinburgh, Scotland
- April 14, 15 Presentation: *The Association of SSRI's (Selective Serotonin Reuptake Inhibitors) and suicide*  
Senior Scientists Retreat, Ottawa Health Research Institute, Lac Carling, Quebec
- March 21 Presentation: *Systematic Reviews*  
Obstetrical Rounds, Ottawa Hospital, General Campus
- Feb. 28, 2005 Presentation: *Study Design to Randomized Controlled Trials*  
Obstetrical Rounds, Ottawa Hospital, General Campus
- Feb. 4, 2005 Presentation: *SSRI's (Selective Serotonin Reuptake Inhibitors) and suicide.*  
Clinical Epidemiology Rounds, Department of Psychiatry, University of Ottawa
- January 17 -20 Canadian Critical Care Trial Group (CCCTG),  
Lake Louise, Alberta
- January 29 Presentation: *Single Study Statistics*  
Natural Health Products Workshop on Systematic Review Methods  
Chalmers Research Group, Children's Hospital of Eastern Ontario, Ottawa.

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## **2004**

- Dec. 7 American Thoracic Society /IDSA Antibiotic Trial Meeting  
Chicago, USA
- May 23-26 The Society for Clinical Trials, 25<sup>th</sup> Annual Meeting  
New Orleans, LA, USA
- May 17 Presentation: *Effectiveness of Leukoreduction in Neonates*.  
Neonatal Transfusion Symposium. Canadian Society of Transfusion Medicine,  
Joint Conference, Niagara-on-the-Lake, Ontario,
- May 3 Presentation: *Transfusions in the ICU*  
Host: Ortho Biotech, Toronto, Ontario
- April 15,16 Senior Scientists Retreat,  
Ottawa Health Research Institute, Lac Carling, Quebec
- April 14 Ottawa Biostatistics Interest Group, University of Ottawa  
Ottawa, Ontario.
- February 26 University of Ottawa. Evidence-based Practice Center (UO-EPC)  
Inaugural Symposium, Host, Chalmers Research Group, CHEO
- January 17-20 Canadian Critical Care Trials Group  
Calgary, Alberta

## **2003**

- October Presentation: *Clinical Consequences of Leukoreduction in Adult and Neonatal  
Critical Care Population*.  
The Toronto Critical Care Medical Symposium, Toronto, Canada.
- October 9 Presentaiton: *Data Handling. The Treatment of Anemia in Non-Iron Deficient,  
Community-Dwelling Elderly*  
An NRGRC Trial, Chicago, USA.
- April Presentation: *Universal Pre-Storage Leukoreduction: Finally, the Results*.  
The Network for Advancement of Transfusion Alternatives (NATA),  
London, United Kingdom.
- April Presentation: *Leukoreduction in Neonatal Intensive Care: Does It Make a  
Difference?*  
The Network for Advancement of Transfusion Alternatives (NATA),  
London, United Kingdom.

## **2002**

- 2002 Presentation: *Aprotinin, Clinical Equipoise and the N+1 Randomized Controlled  
Trial: When is Enough Enough?*  
The Society for Clinical Trials (SCT), Arlington Virginia.

**2000**

2000

Presentation: *Economics of Anemia*.

The National Anemia Action Campaign (NAAC), Washington, DC.

**Invited Expert Panel Member**

The Role of Recombinant Erythropoietin in the Treatment of Anemia in Community Dwelling Elderly, Expert Panel Member. The Institute for Advance Studies in Aging and Geriatric Medicine (IASIA), March, 2003

**Advisory Panel Member**

Member, Randomized Controlled Trials, Grants Committee, Canadian Institutes of Health Research July 1, 2005 – present.

Participants of the Society of the Advancement of Blood Management (SABM) Cost of Blood Consensus Conference, Panel Member, Charleston, South Carolina, May, 2003.

Consensus Conference on vCJD Screening of Blood Donors, Conference Consensus Panel, Héma-Quebec and Canadian Blood Services (CBS), March, 2003.

Indications for Blood Products: The Blood Easy Program. 3 Modules 1.Blood, Basics 2.Guidelines for Red Blood Cells 3.Other Components; Ontario Ministry of Health, Sunnybrook and Women's College Health Sciences Centre, Toronto, 2002.

Advisory Session on Anemia in Orthopedic Surgery. AMGEN, San Francisco, CA, July, 2000.

Clinical Directions in Peri-operative Blood Loss Management, AMGEN, Arizona, January, 2001