



Department/School: Surgery

18 July 2024

CURRICULUM VITAE

NAME:

RUBENS, Fraser, Full Professor

DEGREES AND CREDENTIALS:

Degrees:

1994 * Surgery Cardiothoracic Surgery, University of Ottawa
1992 * M.Sc Pathology, McMaster University
1990 * Surgery General Surgery, University of Ottawa
1986 * Internship, University of Ottawa
1985 MD Medicine, Queen's University

Credentials:

Clinical Research Training in International Conference on Harmonization -Good Clinical Practice (ICH-GCP) guidelines, CIHR, from March 2021

Description: ICH-GCP Certification

Fellow of the American College of Surgeons, American College of Surgeons, from July 2012

Description: 03178977

Certification - Cardiothoracic Surgery, Royal College of Physicians and Surgeons, from September 1994

FLEX, Medical Board of New York State, from January 1993

Certification - General Surgery, Royal College of Physicians and Surgeons, from November 1990

FRCSC, Royal College of Physicians and Surgeons of Canada, from November 1990

General license, College of Physicians and Surgeons of Ontario, from July 1986

Description: 55799

The Economics of Health Care Delivery, University of Pennsylvania, Pennsylvania, from June 2020

Data Science Math Skills, Duke University, North Carolina, from May 2020

Description: Bayesian analysis, probability testing

Certification, Harvard Medical School, Massachusetts, from July 2014

Description: Global Clinical Scholars Research Training Program: Clinical Trial Design and Biostatistics

Continuous Professional Development

Student, Epidemiologic research using large databases, School of Epidemiology and Public Health, University of Ottawa, Ontario, Canada, January 2022 - May 2022

Online course, Survival Analysis, Statistics, Statistical Horizons, April 2020 - April 2020

Description: 10 hours of online lectures with reading assignments, weekly quiz and exercises

Participant, Executive Leadership Training, Leadership, Optimum Talent, October 2019 - November 2019

Université d'Ottawa | University of Ottawa

Attendee, Treatment effects analysis, Statistics, Statistical Horizons, California, United States, May 2018 - May 2018

Description: Lectures - 10 hours

Certification, Biostatistics, epidemiology, clinical trial design, Global Clinical Scholars Research Training Program, Harvard University, Massachusetts, United States, July 2014 - June 2015

Trainee, Executive Leadership Training, Medicine, January 2014 - January 2016

Description: Leadership Training, Executive Coaching, Michael Morin (MDM Consulting) Supported by the Ottawa Hospital, I have been undergoing executive leadership coaching with Mr. Michael Morin, author of Leading Matters and executive coach to over 480 clients in Health Care and other industries. This process has involved extensive leadership testing with validated assessment tools (Myers Briggs, TAIS)

Crucial Confrontations, Leadership training, VitalSmarts, January 2012 - January 2012

Influencer, Leadership training, VitalSmarts, January 2011 - January 2011

Crucial Conversations, Leadership training, VitalSmarts, January 2011 - January 2011

6th Annual Ottawa Academic Health Sciences Leadership Program, Leadership training, Medicine, January 2006 - January 2006

Cardiac Surgery Fellow, Adult Cardiac Surgery, Cardiac Surgery, University of Ottawa Heart Institute at the Ottawa Civic Hospital, Ontario, Canada, July 1994 - December 1994

Postgraduate research fellow, Cardiovascular Sciences, Pathology, McMaster University Medical Centre, Ontario, Canada, July 1990 - June 1992

EMPLOYMENT HISTORY:

Academic Work Experience:

2006 – Clinical Professor, Professor, Surgery, University of Ottawa, Ontario, Canada

2006 – 2016 Program Director, Residency and Fellowship Program, Professor, Surgery, University of Ottawa Heart Institute (Canada)

2001 – 2006 Associate Professor, Associate Professor, Surgery, University of Ottawa, Ontario, Canada

1995 – 2001 Assistant Professor, Assistant Professor, Surgery, University of Ottawa, Ontario, Canada

Non-academic Work Experience:

2022 – 2024 President, UOHI Medical Staff Group

2021 – Member, UOHI Academic Medical Organization Governance Board

2021 – Member, Society of Thoracic Surgery

2018 – 2024 Section Chair, Cardiac Surgery, Royal College of Physicians and Surgeons of Canada, Ontario, Canada

1995 – Director - Pulmonary Thromboendarterectomy Program, Ottawa Heart Institute

2016 – 2018 Chair-Elect, Cardiac Surgery, Royal College of Physicians and Surgeons of Canada, Ontario, Canada

2016 – 2017 Patient Experience Director, The Ottawa Hospital, Ontario, Canada

2011 – 2016 Vice-Chair- Cardiac Surgery Section, Royal College of Physicians and Surgeons of Canada, Ontario, Canada

2006 – 2012 Section Chair - Cardiac Surgery, Ontario Medical Association

2006 – 2006 Cardiac Surgery Representative, Cardiac Surgery Consensus Panel

2002 – 2015 Chair - Cardiac Surgery Mortality Committee, University of Ottawa Heart Institute at the Ottawa Civic Hospital (Canada)

University Appointments:

1995 – Primary, Medicine, Surgery, Cardiac Surgery

Hospital Privileges:

2021 – Cross, Medicine, Clinical Epidemiology

1995 – Primary, The Ottawa Hospital, Surgery, Cardiac Surgery

HONOURS:

2020 Top Performance Award of the Editorial Board, Journal of Thoracic and Cardiovascular Society

2019 JTCVS 2019 Reviewer Award, American Association of Thoracic Surgery

2015 Faculty of Medicine Award of Education Advancement and Innovation, University of Ottawa, Ontario, Canada

2015 Excellence in Teaching, Annual award to the winner of the best surgical teacher of the resident staff, University of Ottawa

2015 Program Director of the Year, Awarded to 2 recipients in Canada from all postgraduate residency programs to recognize a program director who has demonstrated a commitment to enhancing residency education as evidenced by innovation and impact beyond his/her program, Royal College of Physicians and Surgeons of Canada

2011 UOHIAMO Academic Award - Postgraduate Teaching, University of Ottawa Heart Institute at the Ottawa Civic Hospital

2010 Excellence in Teaching, Annual award to the winner of the best surgical teacher of the resident staff, University of Ottawa

2010 PAIRO Teaching award (nominated), Professional Association of Interns and Residents of Ontario

2009 Award of Excellence and Innovation in Postgraduate Medical Education-Honourable Mention, University of Ottawa, Ontario, Canada

2005 Finalist James Hogg Award for Clinical or Population Health Investigators, CIHR

1996 Career Scientist Award, Ontario Ministry of Health

1995 Career Scientist Award, Ontario Ministry of Health

1995 Clinical Traineeship Award, Royal College of Physicians and Surgeons of Canada

1994 Nomination CSCI/MRC Resident's Research Award, University Ottawa

1994 PSI Foundation Award, Department of Surgery, University of Ottawa

1994 W.E. Collins Prize-Best Overall Paper-Collin's Research Day, University of Ottawa

1994 R5, R6, R7 Resident Award-Collin's Research Day, University of Ottawa

1993 PSI Foundation Award, Department of Surgery, University of Ottawa

1991 Research Fellowship, Canadian Heart and Stroke

1991 Research Fellowship, Medical Research Council

1985 David Edward Mundell Prize for Orthopedics, Queen's University

1985 Hannah Washburn Polson Prize, Medicine, Surgery and Obstetrics, Queen's University

1985 Dr. & Mrs. Sydney P. Schiff Award-Greatest proficiency in Surgery, Queen's University

1985 Austin-Roberts Award for Surgery, Queen's University

1985 Department of Surgery Gold Medal for highest standing in Surgery, Queen's University

1982 Adiel Steacy Memorial Scholarship, Queen's University

1982	Adiel Steacy Memorial Scholarship, Queen's University
1982	Adiel Steacy Memorial Scholarship, Queen's University
1982	Briarly Browne Scholarship, Anglican Church of Canada
1980	Queen's Matriculation Scholarship, Queen's University
1979	Ontario Scholar, Ministry of Education
1979	George Maybee Memorial Award, KCVI
1979	Class of 1948 Award, KCVI

SCHOLARLY and PROFESSIONAL ACTIVITIES:**Event Administration**

2020 – 2020	Moderator - Session Coordinator, STS 56th Annual meeting, Coronary surgery for the idealist pragmatist
2016 – 2016	Workshop Chair, CBD in Cardiac Surgery
2016 – 2016	Workshop Chair, 7th Annual Patient Experience Summit - Teaching PE in Surgery

Editorial Activities

2016 –	Editorial Board Member, Journal of Thoracic and Cardiovascular Surgery
2012 – 2015	Editorial Advisory Board, Scandanavian Journal of Surgery
2009 – 2011	Editorial Board Member, Case Reports in Medicine
2004 – 2016	Associate Editor, Perfusion

Journal Review Activities

2006 –	Reviewer, Journal of Thoracic and Cardiovascular Surgery
2005 –	Reviewer, Perfusion
2015 – 2015	Reviewer, Heart and Vessels
2014 – 2015	Reviewer, Scandinavian Journal of Surgery
2011 – 2011	Reviewer, Case Reports in Medicine
2011 – 2011	Reviewer, International Journal of Cardiology
2008 – 2014	Reviewer, Circulation
2007 – 2013	Reviewer, European Journal of Cardiothoracic Surgery
2007 – 2007	Reviewer, Journal of Cardiac Surgery
2005 – 2010	Reviewer, Blood
2003 – 2015	Reviewer, Canadian Journal of Cardiology
2001 – 2001	Reviewer, Canadian Respirology Journal
2000 – 2012	Reviewer, Annals of Thoracic Surgery

Conference Review Activities

2020 – 2020	Abstract Reviewer, CCTN/CHFS Research Competition
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Research Funding Application Assessment Activities

2016 – 2016	External Reviewer, Project Grant Review, Canadian Institutes of Health Research, Ontario Number of Applications Assessed: 8
2006 – 2006	Committee Member, Clinical Trials - Grant 167651, Canadian Institutes of Health Research, Ontario
2005 – 2005	Committee Member, Clinical trials, Heart and Stroke Foundation of Canada, Ontario
2005 – 2005	Committee Member, Randomized Controlled Trials, Canadian Institutes of Health Research, Ontario
2004 – 2004	Committee Member, Operating Review Grant, Physicians Services Incorporated

- 2003 – 2003 Committee Member, Research Grant, AIRE
- 2003 – 2003 Committee Member, Clinical Trials, Heart and Stroke Foundation of Canada, Ontario
- 2002 – 2002 Committee Member, Clinical Trials, Heart and Stroke Foundation of Canada, Ontario
- 2001 – 2001 Committee Member, Clinical Trials, Heart and Stroke Foundation of Canada, Ontario
- 2000 – 2000 Committee Member, Clinical Trials, Heart and Stroke Foundation of Canada, Ontario

Promotion Tenure Assessment Activities

- 2021 – External Reviewer, External review for promotion application to Associate Professor
- 2021 – External Reviewer, External reviewer for candidate for promotion to Professor of Surgery

MEMBERSHIPS

Committee Memberships

- 2019 – Committee Member, *Canadian Society of Cardiac Surgeons*
- 2018 – 2024 Chair, *Specialty Committee Cardiac Surgery*, Royal College of Physicians and Surgeons of Canada, Ontario, Canada
- 2017 – 2023 Committee Member, *Women's Heart Health Team*, University of Ottawa Heart Institute
- 2015 – Committee Member, *American Association of Thoracic Surgery*
- 2013 – Committee Member, *Heart/Lung Working Group*, Ministry of Health Ontario
- 2007 – Committee Member, *The Society of Thoracic Surgeons*
- 1995 – Committee Member, *Ottawa Heart Institute Research Corporation*
- 2016 – 2018 Committee Member, *Patient Experience Committee*, The Ottawa Hospital
- 2015 – 2019 Committee Member, *Provincial representative (Ontario)*, Canadian Society of Cardiac Surgery
- 2015 – 2018 Committee Member, *Faculty Wellness Program Committee*, The Ottawa Hospital
- 2011 – 2018 Committee Member, *Vice-Chair - Section of Cardiac Surgery*, Royal College of Physicians and Surgeons
- 2011 – 2012 Committee Member, *Section Chair, Cardiac Surgery*, Ontario Medical Association
- 2009 – 2016 Committee Member, *Surgical Foundations Committee*, University of Ottawa
- 2008 – 2011 Committee Member, *Tariff and ViceChair, Cardiac Surgery*, Ontario Medical Association
- 2007 – 2016 Committee Member, *Postgraduate Education Committee*, University of Ottawa
- 2007 – 2009 Committee Member, *Expert Advisory Committee on Blood Regulation*, Health Canada
- 2006 – 2006 Committee Member, *Cardiac Care Network Consensus Panel on the Future of Cardiac Surgery*
- 2005 – 2016 Committee Member, *Residency Training Program, Cardiac Surgery*, University of Ottawa
- 2005 – 2016 Committee Member, *Program Directors' Committee*, University of Ottawa
- 2005 – 2013 Committee Member, *Ottawa Heart Institute, Research Sub-committee*
- 2005 – 2006 Committee Member, *Clinical trials, CIHR*
- 2005 – 2005 Committee Member, *Ottawa Hospital Transfusion Committee*
- 2005 – 2005 Committee Member, *Heart and Stroke Foundation of Canada*
- 2004 – 2016 Committee Member, *Perfusion Journal, Edward Arnold Publishers*, Perfusion Journal, Sage Publishers
- 2004 – 2004 Committee Member, *Ottawa Hospital Transfusion Committee*
- 2004 – 2004 Committee Member, *PSI Foundation of Canada*
- 2003 – 2003 Committee Member, *Aire Foundation of Canada*
- 2002 – 2015 Chair, *Chairman Cardiac Surgery Mortality Committee*
- 2002 – 2003 Chair, *Ottawa Heart Institute Hospital Transfusion Committee*

2001 – 2015	Committee Member, <i>Quality Assurance Committee</i> , University of Ottawa Heart Institute at the Ottawa Civic Hospital
2000 – 2002	Committee Member, <i>Clinical trials</i> , Heart and Stroke Foundation of Canada
2000 – 2002	Committee Member, <i>Heart and Stroke Foundation of Canada</i>
1998 – 2001	Committee Member, <i>Ottawa Heart Institute Hospital Transfusion Committee</i>
1997 – 2002	Committee Member, <i>Research Ethics Committee</i>
1996 – 2000	Committee Member, <i>Ontario Association of Cardiac Surgeons</i>
1996 – 1998	Committee Member, <i>Ottawa Heart Institute Research Corporation, Finance Sub-Committee</i>

SUPERVISIONS:**Summary:****Completed**

Principal Supervisor	1 Post-doctorate
	1 Research Associate
Co-Supervisor	1 Bachelor's Honours

In Progress

Principal Supervisor	4 Research Associate
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Supervision detail:

Lindy Luo (Research Associate), University of Ottawa Faculty of Medicine - Summer studentship *Determining factors that impact surgical patient experience at the Ottawa Hospital*, Principal Supervisor, May 2016 - August 2016

Yen-Yen Gee (Research Associate), University of Ottawa *Assessment of LV mass regression after aortic pericardial bioprosthesis implantation*, Principal Supervisor, May 2015 - June 2016

Heather McDonald (Research Associate), Summer Studentship Program on Innovation in Undergraduate Medical Education *Development of a non-clinical elective in preoperative management for fourth year Canadian medical students*, Principal Supervisor, May 2015 - August 2015

Matthieu Lemay (Bachelor's Honours), University of Ottawa Faculty of Engineering *Tension-limiting device for temporary pacemaker extraction*, Co-Supervisor, January 2013 - June 2014

Nada Gawad (Research Associate), University of Ottawa *Clinical outcomes after bilateral internal thoracic artery grafting*, Principal Supervisor, January 2009 - June 2009

Tao He MD (Post-doctorate), University of Ottawa *Clinical Observership*, Principal Supervisor, January 2006 - December 2007

Dr. Marian Kotrec (Research Associate), University of Ottawa Division of Cardiac Surgery *Clinical outcomes after pulmonary thromboendarterectomy*, Principal Supervisor, January 2005 - July 2006

LIFETIME FUNDING:

- Total amount of funding received \$5,959,359.00
 As Principal Investigator \$1,820,722.00

EXTERNAL RESEARCH FUNDING:

Date(s)	Source	Type	Investigator	Amount
2021/4 - 2024/3	<p>Canadian Institutes of Health Research (CIHR)</p> <p><u>Title:</u> Four-factor prothrombin factor concentrate versus frozen plasma in bleeding cardiac surgical patients: a multicentre randomized controlled trial</p> <p><u>Program:</u> Randomized controlled trials</p>	<p><u>Type:</u> Grant</p> <p><u>Purpose:</u> Operating</p>	<p><u>My Role:</u> Co-applicant</p> <p><u>Co-applicants:</u> Abrahamyam L, Bartoszko J, Devine D, Grocott H, Harle C, Peer M, Rao V, Rocho A, Martins MR, Saha T, Scales D, Shih A, Sun T, Syed S, Tanzola R, Tinmouth A, Tomlinson G, Wong D, Zamper R, Zeller M</p> <p><u>Principal Investigator:</u> Karkoutic K</p>	<p>Funding Total: \$1,082,474</p>
2019/5 - 2021/4	<p>Oracle</p> <p><u>Title:</u> Sex considerations in long-term outcomes after surgical aortic valve replacement</p> <p><u>Program:</u> Oracle Pilot Project Funding Opportunity</p>	<p><u>Type:</u> Grant</p> <p><u>Purpose:</u> Operating</p>	<p><u>My Role:</u> Principal Investigator</p>	<p>Funding Total: \$50,000</p>
2019/3 - 2021/2	<p>UOHI AFP</p> <p><u>Title:</u> Sex differences in outcomes after multiple arterial coronary revascularization</p> <p><u>Program:</u> UOHI AFP Innovation Fund</p>	<p><u>Type:</u> Grant</p> <p><u>Purpose:</u> Operating</p>	<p><u>My Role:</u> Principal Investigator</p> <p><u>Co-investigator:</u> Sun, L</p>	<p>Funding Total: \$50,000</p>
2019/1 - 2019/2	<p>Joule</p> <p><u>Title:</u> My On Call (MOC) Pager App</p>	<p><u>Type:</u> Grant</p> <p><u>Purpose:</u> Operating</p>	<p><u>My Role:</u> Co-applicant</p> <p><u>Co-applicants:</u></p>	<p>Funding Total: \$25,000</p>

Date(s)	Source	Type	Investigator	Amount
	<u>Program:</u> Joule Innovation Fund		McDonald, H., Baddour, N., Anis, H. <u>Co-investigator:</u> Raiche, I. <u>Principal Investigator:</u> Gawad, N.	
2015/1 - 2018/1	Canadian Institutes of Health Research (CIHR) <u>Title:</u> Reassessment of Anti-Platelet therapy using InDividualized Strategies - Ticagrelor in Patients with Acute Coronary Syndromes Treated by Coronary Artery BypassGraft Surgery - The RAPID-TITRATE CABG study <u>Program:</u> Clinical trials	<u>Type:</u> Grant <u>Purpose:</u> Operating	<u>My Role:</u> Co-investigator <u>Principal Investigator:</u> Dr. Derek So	Funding Total: \$699,000
2011/1 - 2014/1	Canadian Institutes of Health Research (CIHR) <u>Title:</u> Transfusion requirements in cardiac surgery II (TRICSII)-Transfusion requirements in cardiac surgery II (TRICSII) <u>Program:</u> Clinical Trials	<u>Type:</u> Grant <u>Purpose:</u> Operating	<u>My Role:</u> Collaborator <u>Principal Investigator:</u> Mazer, D.	Funding Total: \$356,466
2010/7 - 2011/6	Canadian Institutes of Health Research (CIHR) <u>Title:</u> Plasma utilization following cardiac surgery-Plasma utilization following cardiac surgery <u>Program:</u> Clinical Trials	<u>Type:</u> Grant <u>Purpose:</u> Operating	<u>My Role:</u> Collaborator <u>Principal Investigator:</u> Tinmouth, A.	Funding Total: \$224,808
2006/7 - 2007/6	CIHR <u>Title:</u>	<u>Type:</u> Grant	<u>My Role:</u> Co-applicant	Funding Total: \$102,537

Date(s)	Source	Type	Investigator	Amount
	Post-operative plasma transfusions in cardiac surgery (POPTICS): A multicentre prospective observational study <u>Program:</u> Operating	<u>Purpose:</u> Operating		
2006/1 - 2009/1	Heart and Stroke Foundation of Ontario (The) (HSFO) <u>Title:</u> Unraveling the black box of adverse events in cardiac surgery <u>Program:</u> Operating Grant	<u>Type:</u> Grant <u>Purpose:</u> Operating	<u>My Role:</u> Collaborator	Funding Total: \$271,050
2005/9 - 2006/9	Heart and Stroke Foundation of Canada <u>Title:</u> Transfusion reduction and modified ultrafiltration after cardiopulmonary bypass (TRAM) - a pilot feasibility trial (Multicenter RCT) <u>Program:</u> Cardiovascular	<u>Type:</u> Grant <u>Purpose:</u> Operating	<u>My Role:</u> Principal Investigator	Funding Total: \$122,941
2004/10 - 2006/10	CIHR <u>Title:</u> Clinical relevance of cardiomy suction in cardiopulmonary bypass - (Multicenter RCT) - a renewal <u>Program:</u> Cardiovascular	<u>Type:</u> Grant <u>Purpose:</u> Operating	<u>My Role:</u> Principal Investigator	Funding Total: \$359,355
2004/10 - 2004/12	Ottawa Heart Institute <u>Title:</u> Clinical relevance of cardiomy blood in cardiopulmonary bypass <u>Program:</u> Clinical Trials	<u>Type:</u> Grant <u>Purpose:</u> Operating	<u>My Role:</u> Principal Investigator	Funding Total: \$60,000
2004/1 - 2004/12	Physician Services Incorporated	<u>Type:</u> Grant	<u>My Role:</u> Principal Investigator	Funding Total: \$17,000

Date(s)	Source	Type	Investigator	Amount
	<u>Title:</u> Skeletonized versus non-skeletonized internal thoracic artery harvest in coronary artery bypass <u>Program:</u> Clinical Trials	<u>Purpose:</u> Operating		
2003/3 - 2005/3	Heart and Stroke Foundation of Canada <u>Title:</u> The role of cardiopulmonary bypass in brain injury during cardiac surgery: feasibility of a magnetic resonance study <u>Program:</u> Clinical Trials	<u>Type:</u> Grant <u>Purpose:</u> Operating	<u>My Role:</u> Collaborator <u>Principal Investigator:</u> Nathan, H	Funding Total: \$107,286
2003/1 - 2005/12	Heart and Stroke Foundation of Canada <u>Title:</u> Endothelial modulation with L-arginine in patients undergoing angiogenic therapy <u>Program:</u> Cardiovascular	<u>Type:</u> Grant <u>Purpose:</u> Operating	<u>My Role:</u> Co-applicant <u>Principal Investigator:</u> Ruel, M	Funding Total: \$149,314
2003/1 - 2004/12	CIHR <u>Title:</u> The effect of brain temperature on neuropsychological outcome following cardiopulmonary bypass <u>Program:</u> Clinical Trials	<u>Type:</u> Grant <u>Purpose:</u> Operating	<u>My Role:</u> Principal Investigator <u>Principal Investigator:</u> Nathan, H.	Funding Total: \$156,071
2002/1 - 2002/12	CIHR-Industry <u>Title:</u> Identification of therapeutic strategies to prevent systemic inflammatory response syndrome and improve outcome after cardiopulmonary bypass <u>Program:</u> Clinical Trials	<u>Type:</u> Grant <u>Purpose:</u> Operating	<u>My Role:</u> Principal Investigator	Funding Total: \$85,130

Date(s)	Source	Type	Investigator	Amount
2001/4 - 2004/3	CIHR <u>Title:</u> Clinical relevance of cardiomy suction in cardiopulmonary bypass <u>Program:</u> Clinical Trials	<u>Type:</u> Grant <u>Purpose:</u> Operating	<u>My Role:</u> Principal Investigator	Funding Total: \$560,000
1999/1 - 2002/12	MRC <u>Title:</u> A randomized controlled trial for evaluation of a decision aid regarding predonation of autologous blood by patients undergoing elective open heart surgery <u>Program:</u> Clinical Trials	<u>Type:</u> Grant <u>Purpose:</u> Operating	<u>My Role:</u> Co-applicant	Funding Total: \$224,028
1999/1 - 2001/1	MRC <u>Title:</u> Multi-centre radial artery patency study <u>Program:</u> Clinical Trials	<u>Type:</u> Grant <u>Purpose:</u> Operating	<u>My Role:</u> Collaborator <u>Principal Investigator:</u> Fremes, S	Funding Total: \$186,674
1998/1 - 2000/12	Bayer Blood Partnership Fund <u>Title:</u> Does anemia delay the recovery from surgery in older patients? <u>Program:</u> Clinical Trials	<u>Type:</u> Grant <u>Purpose:</u> Operating	<u>My Role:</u> Co-investigator <u>Principal Investigator:</u> Robblee, J	Funding Total: \$40,000
1998/1 - 1998/12	Medtronics Canada <u>Title:</u> Platelet-rich plasmapheresis in cardiac surgery: a meta-analysis of the effect on transfusion requirements <u>Program:</u> Industry	<u>Type:</u> Grant <u>Purpose:</u> Operating	<u>My Role:</u> Principal Investigator	Funding Total: \$7,500

Date(s)	Source	Type	Investigator	Amount
1997/1 - 1997/12	Ottawa Heart Institute Overhead Fund <u>Title:</u> Phenotypic regulation of endothelial cell NOS and caveolin-1 in saphenous vein and internal mammary bypass grafts <u>Program:</u> Cardiovascular	<u>Type:</u> Grant <u>Purpose:</u> Operating	<u>My Role:</u> Principal Investigator	Funding Total: \$20,000
1997/1 - 1997/12	Ortho-McNeil Inc. <u>Title:</u> A pilot study to assess preoperative autologous donation versus intraoperative acute normovolemic hemodilution in cardiac surgery <u>Program:</u> Cardiovascular	<u>Type:</u> Grant <u>Purpose:</u> Operating	<u>My Role:</u> Principal Investigator	Funding Total: \$30,000
1995/1 - 2000/12	Merck-Frost <u>Title:</u> Hematologic and lipid-related risk factor assessment post-coronary artery bypass grafting <u>Program:</u> Cardiovascular	<u>Type:</u> Grant <u>Purpose:</u> Operating	<u>My Role:</u> Co-investigator <u>Principal Investigator:</u> McPherson, R	Funding Total: \$600,000
1995/1 - 1996/12	COBE Cardiovascular Inc. <u>Title:</u> Clinical evaluation of COBE biocompatible extracorporeal circuits in cardiopulmonary bypass <u>Program:</u> Cardiovascular	<u>Type:</u> Grant <u>Purpose:</u> Operating	<u>My Role:</u> Principal Investigator	Funding Total: \$70,323
1995/1 - 1995/12	J.P. Bickell Foundation <u>Title:</u> Genetically engineered vascular endothelial cells for the coating of prosthetic surfaces <u>Program:</u>	<u>Type:</u> Grant <u>Purpose:</u> Operating	<u>My Role:</u> Principal Investigator	Funding Total: \$25,036

Date(s)	Source	Type	Investigator	Amount
	Cardiovascular			
1995/1 - 1995/12	Ottawa Heart Institute Overhead Fund <u>Title:</u> Genetically engineered vascular endothelial cells for the coating of prosthetic surfaces <u>Program:</u> Cardiovascular	<u>Type:</u> Grant <u>Purpose:</u> Operating	<u>My Role:</u> Principal Investigator	Funding Total: \$19,000
1994/1 - 1994/12	Kiwanis Medical Foundation <u>Title:</u> Platelet flow cytometry in cardiac surgery <u>Program:</u> Cardiovascular	<u>Type:</u> Grant <u>Purpose:</u> Operating	<u>My Role:</u> Principal Investigator	Funding Total: \$1,000
1994/1 - 1994/12	Sanofi-Winthrop Canada <u>Title:</u> In vitro and in vivo effects on platelet function of amrinone and milrinone <u>Program:</u> Cardiovascular	<u>Type:</u> Grant <u>Purpose:</u> Operating	<u>My Role:</u> Principal Investigator	Funding Total: \$8,000
1994/1 - 1994/12	Pharmacia Canada <u>Title:</u> Platelet effects of tranexamic acid in pediatric cardiac surgery <u>Program:</u> Cardiovascular	<u>Type:</u> Grant <u>Purpose:</u> Operating	<u>My Role:</u> Principal Investigator	Funding Total: \$3,000
1994/1 - 1994/12	Miles-Cutter Canada <u>Title:</u> Platelet flow cytometry in cardiac surgery <u>Program:</u> Industry	<u>Type:</u> Grant <u>Purpose:</u> Operating	<u>My Role:</u> Principal Investigator	Funding Total: \$2,000
1993/1 - 1993/12	Physicians Services Incorporated	<u>Type:</u> Grant	<u>My Role:</u> Principal Investigator	Funding Total: \$12,000

Date(s)	Source	Type	Investigator	Amount
	<p><u>Title:</u> Changes in platelet factor XII expression and plasma factor XIII during cardiopulmonary bypass</p> <p><u>Program:</u> Industry</p>	<p><u>Purpose:</u> Operating</p>		

INTERNAL RESEARCH FUNDING:

Date(s)	Source	Type	Investigator	Amount
2023/10 - 2024/9	<p>Oracle</p> <p><u>Title:</u> Defining the role of dual antiplatelet therapy after CABG</p> <p><u>Program:</u> ORACLE Precision Medicine Funding Opportunity</p>	<p><u>Type:</u> Grant</p> <p><u>Purpose:</u> Operating</p>	<p><u>My Role:</u> Co-Principal</p> <p><u>Co-applicant:</u> Jodi Edwards</p>	<p>Funding Total: \$70,000</p>

CONTRIBUTIONS:

Life-time summary count according to the following categories:

Refereed Journal Articles	244
Conference Publications	25
Non-Refereed Chapters In Books.....	11
Non-Refereed Journal Articles	1
Intellectual Properties	3
Other Contributions	260

PUBLICATIONS:

Non-Refereed Chapters In Books

11. Rubens FD, Toeg H. (2023). Cardiopulmonary Bypass: Technique and Pathophysiology. In Sellke FW, del Nido P, Swanson SJ (Eds.), *Sabiston and Spencer Surgery of the Chest* (10th ed., Vol. II). United States: Elsevier Science.
10. Rubens FD. (2017, November). Frontal lobotomy to modify behaviour. In Hirsh, J (Ed.), *Teaching Clinical Research Methodology by Example*. China: People's Medical Publishing House.
9. Toeg H, Rubens FD. (2015). Chapter 59: Cardiopulmonary bypass technique and pathophysiology. In F.W. Sellke, P.J. del Nido, S.J. Swanson (Eds.), *Sabiston & Spencer: Surgery of the Chest* (9th ed.). Philadelphia, PA, United States: Elsevier Science.
8. Tao H, Rubens FD. (2011, January). Minimally-invasive cardiac surgery: impact on blood loss and transfusion. In Hardy JF, Maniatis A, Van der Linden P eds (Eds.), *Alternatives to Blood Transfusion in Transfusion Medicine* (pp. 391-407). United Kingdom: Blackwell Publishing.

7. Ressler L, Rubens FD. (2011, January). Adjunctive Strategies to Impact Blood Transfusion in Cardiac Surgery. In Hardy JF, Maniatis A, Van der Linden P eds (Eds.), *Alternatives to Blood Transfusion in Transfusion Medicine* (pp. 408-420). United Kingdom: Blackwell Publishing.
6. Rubens FD. (2011, January). Cardiopulmonary bypass - technique and pathophysiology. In F.W. Sellke, P.J. del Nido, S.J. Swanson (Eds.), *Sabiston & Spencer: Surgery of the Chest* (8 ed.). United States: Elsevier Science.
5. Ressler L, Rubens FD. (2010, January). Cardiopulmonary Bypass Techniques. In Sellke F, Ruel M eds (Ed.), *In "Atlas of Cardiac Surgical Techniques*. United States: Elsevier.
4. Rubens FD. (2005, January). Cardiopulmonary bypass - technique and pathophysiology. In F.W. Sellke, P.J. del Nido, S.J. Swanson (Eds.), *Sabiston & Spencer: Surgery of the Chest* (7 ed.). United States: Elsevier Science.
3. Rubens FD. (2004, January). Cardiopulmonary bypass technology transfer: musings of a cardiac surgeon. In Editors H. Sheardon, S.L. Cooper. VSP (Ed.), *Cells, Proteins and Materials - Festschrift in honor of the 65th birthday of Dr. John Brash*. Netherlands: International Science Publishers.
2. Rubens FD, Mesana TG. (2002, January). Membrane Oxygenators for Cardiac Surgery. In R. Guindon. John Libbey (Ed.), *L'homme repare: success et limites de l'implantologie. Montrouge, France*. France: Eurotext.
1. Rubens FD. (1998, January). Cardiac Surgery Problems. In R.C. Karmy-Jones, H.M. Horst (Ed.), *Self-assessment colour review of cardiothoracic critical care*. United Kingdom: Manson Publishing Ltd.

Refereed Journal Articles

244. Rubens F.D., Fremes S., Grubic N., Fergusson D., Taljaard M. & van Walraven C. (2024). Outcomes following coronary artery bypass grafting with multiple arterial grafting by pump status in men and women. *JTCVS*, 167(5), 1-5.
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6. Rubens F, Keon WJ, Davies RA, Walley VM. (1991, January). Coronary artery compression at orthotopic cardiac transplant. (letter). *J Thorac Cardiovasc Surg*, 102, 459-460.
5. Walley VM, Rubens FD, Campagna M, Pipe AL, Keon WJ. (1991, January). Patterns of failure in Hancock pericardial bioprostheses. *J Thorac Cardiovasc Surg*, 102, 187-194.
4. Rubens FD, Bedard P, Walley VM. (1990, January). Right coronary artery injury during tricuspid valve annuloplasty. *J Cardiovasc Surg*, 31, 533-535.
3. Rubens FD, Wellington J, Bouchard A. (1990, January). Popliteal artery injury following tibial osteotomy. Report of two cases. *Can J Surg*, 33, 294-297.
2. Rubens FD, Goldstein WG, Dennie C, Hickey N, Keon WJ. (1989, January). Hoarseness Secondary to Left Atrial Myxoma. *Chest*, 95(5), 1139-1140.
1. Rubens FD, Goldstein WG. (1988, January). Recognizing atrial myxomas. *Diagnosis* 5:81;1988, 5, 81-90.

Non-Refereed Journal Articles

1. Belway D, Rubens FD. (2018). Practice meta-environment of the cardiovascular perfusionist. *Perfusion*, 33(1), 83-84.

Conference Publications

25. Jabagi H, Glineur D, Tran D, Rubens FD. (2017, January). Is there gender discrimination in coronary revascularization? A single centre retrospective analysis of multiple arterial coronary grafting. In *53rd Annual Meeting - STS*.
24. Toeg H, French D, Gilbert S, Rubens FD. (2016, October). Incidence of sternal wound infection following tracheostomy in cardiac surgery patients: a systematic review and meta-analysis. In *Canadian Cardiovascular Congress*.
23. Russo JJ, James TE, Ruel M, Dupuis J, Singh K, Goubran D, Malhotra N, Chan V, Chong A, Hibbert B, Tanguay J, Lordkipanidze M, Perrault L, Wells G, Bourke M, Rubens F, So DY. (2016, October). Ischemic and bleeding outcomes after coronary artery bypass grafting among patients initially treated with a P2Y12 receptor antagonist for acute coronary syndromes - insights on timing of discontinuation of ticagrelor and clopidogrel prior to surgery. In *Canadian Cardiovascular Congress*.
22. Rubens FD, Chen L, Bourke M. (2016, January). Assessment of the association of bilateral internal thoracic artery skeletonization and sternal wound infection after coronary artery bypass grafting. In *52nd Annual STS*.
21. Juanda N, Chan V, Chan R, Rubens FD. (2014, October). Catheter-based educational experiences: a Canadian survey of current residents and recent graduates in cardiac surgery. In *Canadian Cardiovascular Society*.
20. Ying I, Chan V, Rubens F, Tyndall M. (2013, October). Long term outcomes of valve surgery in the treatment of infective endocarditis within the injection drug use population. In *Infectious Disease Society of America*.

19. Elmistekawy E, Roupael R, Rubens F, Hudson C, McDonald B, Boodhwani M. (2011, October). Preoperative anemia is a risk factor for mortality and morbidity following aortic valve surgery. In *Canadian Cardiovascular Society Vancouver*.
18. Mastrobuoni S, Gawad N, Chan V, Ruel M, Mesana TG, Rubens FD. (2011, October). Use of bilateral internal thoracic artery during coronary artery bypass graft surgery in Canada: The BITA Survey. In *Canadian Cardiovascular Congress Vancouver 2011*.
17. Elmistekawy E, Chan V, Bourke M, Dupuis J, Rubens FD, Mesana TG, Ruel M. (2011, October). OPCAB is not associated with better postoperative renal function compared to CABG. In *Canadian Cardiovascular Congress Vancouver 2011*.
16. Elmistekawy E, Roupael R, Rubens FD, Hudson C, Mc Donald D, Boodhwani M. (2011, May). Preoperative Anemia is a risk factor for mortality and morbidity following Aortic Valve Surgery. In *AATS Presentation, Philadelphia*.
15. Kulik A, Masters R, Bedard P, Hendry PJ, Lam B, Rubens FD, Ressler L, Lapierre H, Mesana TG, Ruel M. (2009, January). Does early postoperative lipid-lowering therapy slow the development of bioprosthesis structural valve deterioration?. In *Society of Thoracic Surgeons 45th annual meeting*.
14. Grisoli D, Boodhwani M, Bourke M, Ruel M, Mesana TG, Rubens FD. (2009, January). Bilateral skeletonized internal thoracic artery grafting in elderly is a safe alternative to single internal thoracic artery. In *Society of Thoracic Surgeons, 45th Annual Meeting, San Francisco CA*.
13. Whitlock R, Chan S, Devereaux P, Sun J, Rubens FD, Thorlund K, Teoh KH. (2008, October). Clinical benefit of steroid use in patients undergoing cardiopulmonary bypass: a meta-analysis of randomized trials. In *Canadian Cardiovascular Society Annual Meeting 2008*.
12. Rodriguez RA, Nathan HJ, Ruel M, Rubens FD, Dafoe D, Mesana TG. (2008, October). Distinguishing air from solid cerebral emboli with ultrasound: a study in patients with prosthetic heart valves. In *Canadian Cardiovascular Society Annual Meeting 2008*.
11. Kulik A, Masters RG, Bedard P, Hendry P, Lam B, Rubens FD, Ressler L, Lapierre H, Mesana TG, Ruel M. (2008, October). Does early postoperative lipid-lowering therapy slow the development of bioprosthesis structural valve deterioration?. In *Canadian Cardiovascular Society Annual Meeting 2008*.
10. Grisoli D, Boodhwani M, Bourke M, Ruel M, Mesana TG, Rubens FD. (2008, October). Bilateral skeletonized internal thoracic artery grafting in elderly is a safe alternative to single internal thoracic artery. In *Canadian Cardiovascular Society Annual Meeting 2008*.
9. Whitlock R, Chan S, Devereaux P, Sun J, Rubens FD, Thorlund K, Teoh KH. (2008, October). Clinical benefit of steroid use in patients undergoing cardiopulmonary bypass: A meta-analysis of randomized trials. In *Canadian Cardiovascular Society Annual Meeting 2008*.
8. Boodhwani M, HJ Nathan, FD Rubens & On behalf of the Cardiomy Investigators. (2007, January). Processing of shed mediastinal blood improves cardiac and pulmonary function following cardiac surgery: a randomized, double-blind study. In *AHA 2007 United States. 43rd Annual Meeting - STS - San Diego*
7. Kulik A, Mesana TG, Lam BK, Rubens FD, Hendry PJ, Masters RG, Goldstein WG, Bedard P, Ruel P. (2006, October). Long-term outcomes of valve replacement with modern prostheses in young adults. In *Canadian Cardiovascular Congress, Calgary*.
6. Lefevre I, Ruel M, Mesana T, Bourke M, Rubens FD. (2005, October). The role of sildenafil in improving exercise capacity and reserve prior to pulmonary thromboendarterectomy. In *Canadian Cardiovascular Congress, Montreal*.

5. Davies RA, Badovinac K, Trpeski L, Hendry P, Masters R, Haddad H, Veinot J, Smith S, Struthers C, Pugliese C, Ruel M, Rubens F. (2005, October). Determinants of survival after heart transplantation. In *Canadian Cardiovascular Congress, Montreal, Canada*.
4. Kulik A, Lam BK, Rubens FD, Hendry PJ, Masters RG, Bedard P, Mesana TG, Ruel M. (2005, October). Mid-life dilemma: mechanical versus bioprosthetic valve replacement in middle-aged patients. In *American Heart Association Scientific Sessions*.
3. Rubens FD, Nathan H, Labow R, Williams KS, Wozny D, Karsh J, Ruel M, Mesana T. (2004, October). Effects of methylprednisolone and a biocompatible copolymer circuit on blood activation during cardiopulmonary bypass: a randomized trial in patients undergoing CABG. In *Canadian Cardiovascular Society, Calgary, Canada*.
2. Ruel M, Wang F, Bourke M, Dupuis J-Y, Rubens FD, Nichol G, Keon WJ. (1999, October). Operative outcome of high-risk patients referred to a quaternary cardiac surgery center. In *Can J Cardiol*.
1. Rubens FD, Lavalee G, Watson M, Robblee J, Wozny D, Nathan H. (1998, September). Hemodynamic changes related to circuits with surface modifying additive for clinical cardiopulmonary bypass. In *European Association of Cardiothoracic Surgery 1998*.

PRESENTATIONS:

254. Rubens, Fraser. (2024, May). *Transitioning the surgical resident to practice - fulfilling the CBD mandate*. Canadian Society of Cardiac Surgeons Spring Meeting 2024, Calgary, Canada.
253. Rubens, Fraser. (2024, April). *Bias in surgical research: the on/off lightbulb conundrum*. Weekly Research Conference, Ottawa, Canada.
252. Rubens, Fraser. (2022, June 4). *The radial is calcified: What do I do?*. 2022 STS Coronary Conference, Ottawa, Canada.
251. Rubens, Fraser. (2022, June 4). *In-situ internal thoracic arteries: RITA to LAD*. 2022 STS Coronary Conference, Ottawa, Canada.
250. Nantsios A, Ahmadvand A, Burwash IG, Chan V, Guo MH, Mesana T, Messika-Zeitoun D, Ramsay T, Rubens FD. (2022, May 27). *Edge-to-edge with partial band for mitral valve repair compared to mitral replacement and undersized restrictive annuloplasty for ischemic mitral regurgitation*. Ottawa Cardiovascular Research Day, Ottawa, Canada.
Senior investigator
249. Nantsios A, Ahmadvand A, Burwash IG, Chan V, Guo MH, Mesana T, Messika-Zeitoun D, Ramsay T, Rubens FD. (2022, May 13). *Edge-to-edge with partial band for mitral valve repair compared to mitral replacement and undersized restrictive annuloplasty for ischemic mitral regurgitation*. Collins Surgical Day, Canada.
Senior investigator
248. Nantsios A, Burwash I, Messika-Zeitoun D, Ahmadvand A, Guo M, Mesana T, Rubens FD. (2022, January 23). *Edge-to-edge technique with partial band for mitral valve repair compared to mitral replacement for ischemic mitral regurgitation*. STS 2022 58th Annual Meeting, United States.
Senior investigator
247. Derek Yiu Fai So, Marie Lordkipanidze, Fraser Rubens, Marc Ruel, Louis P Perrault, Aun Yeong Chong, Michel R Le May, . . . Jean-Francois Tanguay. (2021, November). *A Randomized Study of Early Versus Standard Coronary Artery Bypass Surgery Among Patients Presenting With Acute Coronary Syndromes Treated With Ticagrelor: RAPID CABG*. AHA: Late Breaking Clinical Trials, Dallas, United States.
246. Rubens, Fraser. (2021, October). *ADVANCES IN THE MANAGEMENT OF INFECTIVE ENDOCARDITIS - IT TAKES A TEAM*. Canadian Cardiovascular Congress, Canada.

Workshop Co-chair

245. Rubens, Fraser. (2020, September). *What constitutes a public health legacy in coronary surgery?*. UOHI Weekly Research Conference, Ottawa, Canada.
244. Jabagi J, Tran D, Glineur D, Rubens FD. (2020, January). *Optimal configuration for bypass of the left anterior descending artery during bilateral internal thoracic artery grafting*. Society of Thoracic Surgery 56th Annual Meeting, New Orleans, United States.
Senior responsible author
243. Rubens, Fraser. (2020, January). *Coronary artery bypass grafting in community practice: Nuances, impact of public reporting and 30-day outcomes*. Society of Thoracic Surgery 56th Annual meeting, New Orleans, United States.
242. Rubens, Fraser. (2019, November). *What constitutes a public health legacy in coronary surgery?*. Cardiac Surgery Grand Rounds, Phoenix, United States.
241. Rubens, Fraser. (2019, October). *Implementing CBD in cardiac surgery: Challenges and opportunities four months into the process*. CCS/ACC Medical Education Workshop CCC 2019, Montreal, Canada.
240. Rubens, Fraser. (2019, September). *Choosing the optimal bioprosthesis in the management of severe aortic stenosis*. AATS Cardiovascular Valve Symposium, Buenos Aires, Argentina.
239. Rubens FD, Wells GA, Coutinho T, Bader Eddeen A, Sun LJ. (2019, May). *The impact of a second arterial conduit on long-term post-discharge outcomes in women and men after coronary artery bypass grafting*. AATS 99th Annual Meeting, Toronto, Canada.
Primary investigator
238. Jabagi H, Malvea A, Tran D, Glineur D, Rubens FD. (2019, May). *Optimal configuration for bypass of the LAD during bilateral internal thoracic artery grafting*. Collin's Surgical Day, Ottawa, Canada.
Senior responsible investigator
237. Gawad N, McDonald H, Rubens FD, Raiche I. (2019, May). *My On Call (MOC) Pager App: Practicing and assessing safe clinical decision-making*. Collin's Surgical Day, Ottawa, Canada.
Collaborator
236. Rubens, Fraser. (2019, April). *Sex differences in coronary artery revascularization*. Regional Women & Heart Disease Symposium, Ottawa, Canada.
235. Jabagi H, Tran D, Glineur D, Rubens FD. (2019, April). *Optimal configuration for bypass of the LAD during bilateral internal thoracic artery (BITA) grafting*. 7th International Ottawa Heart Conference, Ottawa, Canada.
Senior responsible investigator
234. Rubens, Fraser. (2018, October). *Updates in the Roll-Out of CBD. Status of the Countdown*. Canadian Cardiovascular Congress: CSCS Postgraduate Course, Toronto, Canada.
233. Jabagi H, Chong AY, So D, Glineur D, Rubens FD. (2018, October). *Native Coronary Disease Progression Post Coronary Artery Bypass Grafting*. Canadian Cardiovascular Congress, Toronto, Canada.
Senior responsible investigator
232. Ngu JMC, Juanda N, Gawad N, Labelle K, Rubens FD. (2018, October). *Development of a sternotomy simulation model and scoring system for cardiac surgery training*. Canadian Cardiovascular Congress, Toronto, Canada.
Senior responsible investigator
231. Hutson JH, Garuba HA, Boodhwani M, McDonald B, So DYF, De Roock S, Ruel M, Stadnick E, Rubens FD, Davies R, Le May M, Labinaz M, Bowes B, Mielniczuk L, Chih S. (2018, October). *Multidisciplinary shock team approach to management of cardiogenic shock*. Canadian Cardiovascular Congress, Toronto, Canada.
Collaborator

230. Rubens, Fraser. (2018, June). *Effects of aortic pericardial valve choice on left ventricular mass regression*. Mexican Society of Cardiac Surgery, Cancun, Mexico.
229. Rubens, Fraser. (2018, June). *Why are heart teams important for the future of cardiovascular care in Canada*. 2018 CSCS Spring Meeting, Banff, Canada.
228. Guo M., Ohle R., Hebert G, Rubens FD. (2018, May). *Impact of direct access to cardiac surgical services on the time to repair in Acute Type A aortic dissection*. Collin's Surgical Day - University of Ottawa, Ottawa, Canada.
Senior Contributing Investigator
227. Juanda N, Ngu J, Gawad N, LaBelle K, Rubens FD. (2018, May). *Development of a sternotomy simulation model and scoring system for cardiac surgery training*. Collin's Surgical Day - Department of Surgery University of Ottawa, Ottawa, Canada.
Senior Responsible Investigator
226. Jabagi H, Chong AY, So D, Glineur D, Rubens FD. (2018, May). *Native coronary disease progression post coronary artery bypass grafting*. Collins Surgical Day - Department of Surgery University of Ottawa, Ottawa, Canada.
Senior Responsible Investigator
225. Ngu JMC, Tran DT, Rubens FD. (2018, May). *Effect of sex on incidence of postoperative atrial fibrillation in cardiac surgery patients*. Collins Surgical Day Department of Surgery University of Ottawa, Canada.
Senior Responsible Investigator
224. Fraser Rubens, JMC Ngu, TD Tran, FD Rubens. (2018, April). *Effect of Sex on Incidence of Post-Operative Atrial Fibrillation in Cardiac Surgery Patients*. Canadian Women's Heart Health Summit, Ottawa, Canada.
223. Jabagi H, Boodhwani M, Tran DT, Sun L, Wells G, Rubens FD. (2018, April). *The effect of preoperative anemia on patients undergoing cardiac surgery: a single centre propensity matched analysis*. American Association of Thoracic Surgery, San Diego, United States.
Senior Responsible Investigator
222. Ngu JMC, Guo MH, Glineur D, Tran D, Rubens FD. (2017, October). *The Balance of Short-Term and Long-Term Outcomes of Bilateral Internal Thoracic Artery Skeletonization in Coronary Artery Bypass Surgery: A Propensity-Matched Cohort Study*. European Association of Cardiothoracic Surgery, Vienna, Austria.
Senior Responsible Investigator
221. Rubens, Fraser. (2017, October). *Calling in the cavalry...mechanical and surgical therapy for acute PE*. SPC Symposium: New Frontiers in Pulmonary Embolism CCS 2017, Vancouver, Canada.
220. Rubens, Fraser. (2017, October). *Cardiac Surgery Residency Education. Insights on CBD*. Competency based medical education: from theory to practice, Vancouver, Canada.
219. Rubens, Fraser. (2017, September). *Effects of pericardial valve choice in LV mass regression after AVR*. UBC Combined Cardiology Cardiac Surgery Grand Rounds, Vancouver, Canada.
218. Rubens, Fraser. (2017, August 2). *Effects of aortic pericardial valve choice on LV mass regression*. Grand rounds, Melbourne, Australia.
217. Rubens, Fraser. (2017, August 1). *Effects of aortic pericardial valve choice on LV mass regression*. Cardiac Surgery Grand Rounds, Brisbane, Australia.
216. Rubens, Fraser. (2017, July 31). *Effects of aortic pericardial valve choice on LV mass regression*. Symposium, Sydney, Australia.
215. Rubens, Fraser. (2017, June 9). *Effects of aortic pericardial valve choice on left ventricular mass regression*. St. Michaels Hospital Cardiac Surgery Rounds June 9, 2017, Toronto, Canada.
214. Rubens, Fraser. (2017, June 9). *Patient Experience - The Ottawa Hospital Model*. Canadian Institute for Health Information June 9, 2017, Toronto, Canada.

213. McDonald H, Gawad N, Raiche I, Rubens F. (2017, May). *MedsOnCall (MOC) Pager App: The development of a simulated pager program*. The Canadian Conference on Medical Education May 2017, Winnipeg, Canada.
Senior responsible investigator
212. Ngu J, Guo M, Glineur D, Rubens FD. (2017, May). *The balance of short- and long-term outcomes of bilateral internal thoracic artery skeletonization in CABG: A propensity-matched cohort study*. Collins Surgical Day May 2017, Ottawa, Canada.
Senior Responsible Investigator
211. Jabagi H, Tran D, Wells G, Boodhwani M, Rubens FD. (2017, May). *Is Mild Preoperative Anemia a Risk Factor for Increased Morbidity and Mortality in Cardiac Surgery: a Retrospective Cohort Study*. Collins Surgical Day May 2017, Ottawa, Canada.
Senior Responsible Investigator
210. Rubens, Fraser. (2017, April). *Effects of aortic pericardial valve choice on left ventricular mass regression. Trifecta GT Valve: AATS Centennial Symposium April 2014, Boston, United States.*
209. McDonald H, Gawad N, Raiche I, Rubens F. (2017, April). *The MedsOnCall (MOC) Pager App: Helping students to transition to residents*. The Association for Surgical Education Annual Meeting April 2017, San Diego, United States.
Senior responsible investigator
208. Rubens, Fraser. (2017, January). *Clinical research to compare two contemporary pericardial aortic valves*. Cardiac Surgery Grand Rounds Jan 2017, Washington, United States.
207. Rubens, Fraser. (2016, November 15). *Clinical research to compare two contemporary pericardial aortic valves*. Kaiser-Permanente -Cardiac Surgery Grand Rounds Nov 15, 2016, Los Angeles, United States.
206. Rubens, Fraser. (2016, November 14). *Clinical research to compare two contemporary pericardial aortic valves*. Cedars-Sinai: Cardiac Surgery Grand Rounds Nov 11, 2016, Los Angeles, United States.
205. Fraser Rubens, Drs Guylaine Lefebvre, Chris Feindel, Mac Quantz, Ansar Hassan, Marc Pelletier, John Lee. (2016, October 24). *Competency by Design - The next generation*. Canadian Cardiovascular Congress Oct 2016, Montreal, Canada.
Chairman of session: Prepared workshop and speakers. Moderated all sessions. Presented introduction and closing remarks. Ran all audience participation polls and prepared questions/polls. Prepared video vignettes for Informed Consent discussion
204. Ribeiro IB, Ngu J, Tardioli K, Folch S, Gill G, Rubens FD. (2016, October 23). *High fidelity beating heart porcine model for cardiac surgery and cardiopulmonary bypass training*. Canadian Cardiovascular Congress Oct 2016, Montreal, Canada.
203. Jabagi H, Tran D, Glineur D, Rubens FD. (2016, October 22). *Is there gender discrimination in coronary revascularization? A single centre retrospective analysis of multiple arterial coronary grafting*. Canadian Cardiovascular Congress Oct 22, 2016, Montreal, Canada.
Senior Responsible Investigator
202. Rubens, Fraser. (2016, October 22). *Clinical research to compare two contemporary pericardial aortic valves*. Update in Aortic Valve Replacement Oct 2016, Montreal, Canada.
201. Russo JJ, James TE, Ruel M, Dupuis J, Singh K, Goubran D, Malhotra N, Chan V, Chong A, Hibbert B, Tanguay J, Lordkipanidze M, Perrault L, Wells G, Bourke M, Rubens F, So DY. (2016, October). *Ischemic and bleeding outcomes after coronary artery bypass grafting among patients initially treated with a P2Y12 receptor antagonist for acute coronary syndromes - insights on the use of ticagrelor and clopidogrel prior to surgery*. Canadian Cardiovascular Congress Oct 2016, Montreal, Canada.

200. Rubens, Fraser. (2016, May 17). *Surgical Compassion: Developing motives to change the way we care for patients in the Canadian System*. Patient Experience May 2016, Cleveland, United States.
199. Rubens, Fraser. (2016, March 6). *The cardiac surgeon's role in cardiopulmonary venous thromboembolic disease*. Canadian Society of Cardiac Surgeons Mar 2016, Montreal, Canada.
198. Rubens, Fraser. (2016, March 5). *Cardiac surgery residency education: insight as we enter the era of CBD*. Canadian Society of Cardiac Surgeons Mar 5, 2016, Montreal, Canada.
197. Al-Atassi T, Kimmaliardjuk D, Dagenais C, Lam B, Bourke M, Rubens FD. (2016, January 25). *Atrial fibrillation ablation does not increase operative risk when added to coronary artery bypass grafting and aortic valve replacement*. Society of Thoracic Surgeons Jan 25, 2016, Phoenix, Canada.
* Senior author
196. Rubens FD, Chen L, Bourke M. (2016, January 25). *Assessment of the association of bilateral internal thoracic artery skeletonization and sternal wound infection after coronary artery bypass grafting surgery*. Society of Thoracic Surgeons Jan 25, 2016, Phoenix, Canada.
195. Rubens, Fraser. (2016, January 6). *Advances in Pulmonary Thromboendarterectomy*. Pulmonary Hypertension Symposium Jan 2016, Ottawa, Canada.
194. Rubens, Fraser. (2015, October 27). *Advances in Pulmonary Thromboendarterectomy*. American College of Chest Physicians Oct 2015, Montreal, Canada.
193. Russo JJ, Malhotra N, Rubens F, Bourke M, Dupuis J, Chan V, Singh K, Ruel M, Hibbert B, Chong A, So D. (2015, October 24). *Clinical outcomes in acute coronary syndrome patients following coronary artery bypass grafting in relation to timing of ticagrelor discontinuation: insights from the capital registry*. Canadian Cardiovascular Society Oct 2015, Toronto, Canada.
192. Kimmaliardjuk D, Al-Atassi T, Dagenais C, Bourke M, Lam B, Rubens F. (2015, October 24). *Should we ablate atrial fibrillation during coronary artery bypass grafting and aortic valve replacement?*. Canadian Cardiovascular Society Oct 2015, Toronto, Canada.
Senior Responsible Investigator
191. Rubens F, Rao RV, Chan V, Burwash I. (2015, October 24). *A matched-pair comparative analysis of the hemodynamics of the Trifecta and Perimount aortic bioprostheses*. Canadian Cardiovascular Society Oct 2015, Toronto, Canada.
190. Ngu J, Guo M, Glineur D, Tran D, Rubens FD. (2015, May). *The balance of short- and long-term outcomes of bilateral internal thoracic artery skeletonization in CABG: A propensity-matched cohort study*. Ottawa Heart Institute Research Day May 2015, Ottawa, Canada.
Senior Responsible Investigator
189. Russo JJ, James TE, Malhotra N, Goubran D, Rubens FD, Bourke M, Dupuis JY, Chan V, Singh K, Ruel MT, So DY. (2015, April). *Clinical outcomes in acute coronary syndrome patients following coronary artery bypass grafting in relation to timing of ticagrelor discontinuation: insights from the capital registry*. American Heart Association Apr 2015, United States.
188. Rubens, Fraser. (2015, January 19). *If we care for our patients, why are we encouraging them to eat unhealthy food?*. Ottawa Heart Interest Group Jan 2015, Ottawa, Canada.
187. Rubens, Fraser. (2015, January 10). *The Cardiac Team - Why am I always in the penalty box?*. Cardiopulmonary Bypass Review Jan 2015, San Diego, Canada.
186. McDonald H, Gawad N, Rubens FD. (2015, January 6). *Development of a fourth year post_CaRMS elective in perioperative management*. University of Ottawa Jan 2015, Canada.
* Senior author
185. Rubens, Fraser. (2015, January 3). *Pulmonary thromboendarterectomy: the patient's experience*. National Pulmonary Hypertension Society Jan 2015, Montreal, Canada.

184. Rubens, Fraser. (2015, January 2). *Cardiac Surgery Residency Education. Insights as we enter the era of CBD*. Ottawa Heart Institute Grand Rounds Jan 2015, Ottawa, Canada.
183. Juanda N, Chan V, Chan R, Rubens FD. (2014, October 27). *Catheter-based educational experiences: A Canadian survey of current residents and recent graduates in cardiac surgery*. Canadian Cardiovascular Society Oct 2014, Vancouver, Canada.
* Senior author
182. Rubens, Fraser. (2014, October 26). *Type IV Pulmonary Hypertension*. Canadian Cardiovascular Society Oct 2014, Vancouver, Canada.
181. Rubens, Fraser. (2014, January 2). *The Cardiac Team - Why am I always in the penalty box?*. Perfusion Canada Jan 2014, Canada.
180. Rubens, Fraser. (2013, November 18). *Epidemiology and evaluation of patients with CTEPH*. American Heart Association Nov 2013, Dallas, United States.
179. Rubens, Fraser. (2013, January 18). *Bacterial Endocarditis: A surgeon's perspective*. Cardiology Rounds, Ottawa General Hospital Jan 2013, Ottawa, Canada.
178. Rubens, Fraser. (2013, January 10). *Informed consent: When the health care worker becomes the patient*. Thunder Bay Regional Hospital Rounds Jan 10, 2013, Thunder Bay, Canada.
177. Rubens, Fraser. (2012, October 18). *Bacterial Endocarditis: A surgeon's perspective*. Thunder Bay Regional Hospital Grand Rounds Oct 2012, Thunder Bay, Canada.
176. Rubens, Fraser. (2012, January 22). *The Chameleon in the OR - Adaptation and Change for Surgical Staff*. Thunder Bay Regional Hospital Grand Rounds Jan 2012, Thunder Bay, Canada.
175. Rubens, Fraser. (2012, January 3). *The Chameleon in the OR - Adaptation and Change in Perfusion*. CREF Jan 2012, San Diego, Canada.
174. Rubens, Fraser. (2012, January 2). *Music and its role in Cardiovascular Medicine*. CREF Jan 2012, Canada.
173. Boodhwani M., Rubens FD, Wozny D, Nathan H. (2012, January 1). *Clinical impact of neurocognitive deficit following cardiac surgery*. STS Jan 2012, United States.
172. Ruel M, Grenon J, Boodhwani M, Mielniczuk L, Rubens FD, Haddad H, Lam BK, Davies R, Veinot JP, Lapierre H, Ressler L, Pipe A, Struthers C, Pugliese C, Mesana TG, Hendry PJ, Masters RG. (2011, October 25). *Results of 461 orthotopic heart transplantations at the University of Ottawa Heart Institute: Follow-up data to 25 years*. Canadian Cardiovascular Congress Oct 2011, Canada.
171. Rubens, Fraser. (2011, January 18). *Music and its role in Cardiovascular Medicine*. Thunder Bay Regional Hospital Grand Rounds Jan 2011, Canada.
170. Rubens, Fraser. (2011, January 11). *Music and its role in Cardiovascular Medicine*. Ottawa Heart Institute Alumni Rounds Jan 2011, Canada.
169. Elmistekawy E, Chan V, Bourke ME, Dupuis JY, Rubens FD, Mesana TG, Ruel M. (2011, January 8). *OPCAB does not preserve renal function better than CABG: results of a case-matched study*. American Association of Thoracic Surgery Jan 2011, Canada.
168. V. Chan, H. Lapierre, M. Boodhwani, B. Lam, F.D. Rubens, P. Hendry, R. Masters, W. Goldstein, T.G. Mesana, M. Ruel. (2010, October 25). *Longevity of heart valve bioprostheses according to age at implantation: new compiled age-specific data for patient discussion and decision-making*. CCS Oct 2010, Montreal, Canada.
167. B. Lam, P. Hendry, T. Al-Atassi, F.D. Rubens, T.G. Mesana. (2010, October 25). *Surgical ablation of atrial fibrillation associated with aortic valve and coronary artery disease: is it worth it? (Poster)*. CCS 2010, Montreal, Canada.
166. R.A. Rodriguez, H. Lapierre, M. Boodhwani, K. Lam, M. Forgie, F.D. Rubens, P. Hendry, R. Masters, W. Goldstein, P. Bedard, T. Mesana, M. Ruel. (2010, October 25). *Effects of warfarin and aspirin versus*

aspirin alone on cerebral microembolization and platelet function after bioprosthetic aortic valve replacement (Poster). CCS 2010, Montreal, Canada.

165. N. Gawad, M. Boodhwani, V. Chan, TG Mesana, M. Ruel, FD Rubens. (2010, October 24). *Unforeseen modifiable risk factors: the role of preoperative anemia in sternal wound infection after bilateral internal thoracic artery harvest (Poster)*. CCS 2010, Montreal, Canada.
* Senior Responsible Investigator
164. Rubens, Fraser. (2010, October 21). *Water, water everywhere, nor any drop to drink*. Thunder Bay Regional Hospital - Grand Rounds Oct 2010, Thunder Bay, Canada.
163. Rubens, Fraser. (2010, January 11). *Water, water everywhere, nor any drop to drink*. Ontario Society of Clinical Perfusion Jan 2010, Kingston, Canada.
162. Rubens, Fraser. (2009, January 27). *The blind leading the blind: Clinical trials in cardiac surgery*. University of Ottawa Surgery Grand Rounds Jan 2009, Ottawa, Canada.
161. Rubens, Fraser. (2009, January 21). *Transfusion in Cardiac Surgery*. Thunder Bay Regional Hospital Grand Rounds Jan 2009, Thunder Bay, Canada.
160. Rubens, Fraser. (2009, January 19). *Outcomes after pulmonary thromboendarterectomy*. Ottawa Heart Institute Grand Rounds Jan 2009, Ottawa, Canada.
159. Rubens, Fraser. (2009, January 4). *Multiple arterial grafting; An update*. Thunder Bay Regional Hospital Grand Rounds Jan 2009, Thunder Bay, Canada.
158. Rubens, Fraser. (2009, January 4). *The blind leading the blind: Clinical trials in cardiac surgery*. Queens University Surgery Grand Rounds Jan 2009, Kingston, Canada.
157. Rubens, Fraser. (2008, January 1). *Outcomes after pulmonary thromboendarterectomy - the Canadian experience*. Ontario Thoracic Society Jan 2008, Toronto, Canada.
156. Price J, Tee R, Lam B, Hendry P, Green M, Rubens FD. (2008, January 1). *Current use of prophylactic strategies for postoperative atrial fibrillation- a survey of Canadian cardiac surgeons*. Canadian Cardiovascular Society Oct 2008, Quebec City, Canada.
* Senior Responsible Investigator
155. Chan V, Lortie M, Beanlands RS, DeKemp RA, Rubens FD, Suuronen EJ, DaSilva J, Sellke FW, Stewart DJ, Mesana TG, Ruel M. (2007, October 23). *Concomitant treatment with oral L-arginine improves the efficacy of surgical angiogenesis in patients with severe diffuse coronary artery disease: the endothelial modulation in angiogenic therapy (EMAT) randomized controlled trial*. Canadian Cardiovascular Congress Oct 2007, Quebec City, Canada.
154. Kulik A, Lam B, Rubens FD, Hendry PJ, Masters RG, Bedard P, Mesana TG, Ruel M. (2007, October 23). *Gender differences in long-term outcomes after valve replacement surgery*. Canadian Cardiovascular Congress Oct 2007, Quebec City, Canada.
153. Rubens, Fraser. (2007, October 23). *Multiple arterial grafting; How many? In whom? In what configuration?*. CCC Workshop: Updates in coronary revascularization Oct 2007, Quebec City, Canada.
152. Boodhwani M, Tao H, Ruel M, Bourke M, Mesana TG, Rubens FD. (2007, October 23). *Is bilateral internal thoracic artery use safe in the elderly?*. Canadian Cardiovascular Congress Oct 2007, Quebec City, Canada.
* Senior Responsible Investigator
151. Boodhwani M, Wozny D, Wells G, Nathan HJ, Mesana TG, Rubens FD. (2007, October 22). *The Cardiotomy Study: a randomized double-blind trial to assess the effect of shed blood processing on transfusion and neurocognitive function*. Canadian Cardiovascular Congress Oct 2007, Quebec City, Canada.
Senior Responsible Investigator
150. Rubens, Fraser. (2007, October 21). *Update on antiplatelet therapy before cardiac surgery*. CSCS Postgraduate Course Oct 2007, Quebec City, Canada.

149. Boodhwani M, Rubens FD, Wozny D, Rodriguez R, Nathan HJ. (2007, April 1). *Effects of sustained mild hypothermia on neurocognitive function following coronary artery bypass surgery: A randomized, double-blind study*. American Association of Thoracic Surgery Apr 2007, Canada.
148. Rubens, Fraser. (2007, January 21). *Outcomes after pulmonary thromboendarterectomy*. Canadian Pulmonary Hypertension Society Jan 2007, Toronto, Canada.
147. Rubens, Fraser. (2007, January 21). *Updates in surgery for chronic thromboembolic pulmonary hypertension*. Canadian Pulmonary Hypertension Society Jan 2007, Toronto, Canada.
146. Rubens, Fraser. (2007, January 12). *Updates in Surgery for Chronic Thromboembolic Pulmonary Hypertension*. Department of Cardiology, McMaster University Jan 2007, Canada.
145. Rubens, Fraser. (2007, January 12). *Cardiac Surgery Research: Comic Opera or Drama?.* Department of Cardiology, McMaster University Jan 2007, Canada.
144. F.D. Rubens, H. Nathan. (2007, January 10). *Lessons learned on the path to a healthier brain: dispelling the myths and challenging the hypotheses*. Department of Cardiac Anesthesia Jan 2007, Canada.
143. Boodhwani M, Nathan HJ, Rubens FD on behalf of the Cardiomy Investigators. (2007, January 1). *Processing of shed mediastinal blood improves cardiac and pulmonary function following cardiac surgery: a randomized, double-blind study*. Society of Thoracic Surgery Jan 2007, San Diego, Canada.
Senior Responsible Investigator
142. Chan V, Price J, Kulik A, Lam K, Rubens F, Hendry P, Masters P, Bedard P, Mesana T, Ruel M. (2006, November 15). *Very long-term survival implications of valve replacement with bioprostheses versus mechanical prostheses*. American Heart Association Nov 2006, Chicago, United States.
141. Boodhwani M, Lam B-K, Nathan HJ, Mesana TG, Ruel M, Zeng W, Sellke FW, Rubens FD. (2006, November 14). *Skeletonized internal thoracic artery harvest reduces pain and dysesthesia and improves sternal perfusion following coronary artery bypass surgery: a randomized, double-blinded, within-patient comparison*. American Heart Association Nov 2006, Chicago, United States.
Senior Responsible Investigator
140. Guru V, Tu JV, Etchells E, Anderson GM, Naylor CD, Novick RJ, Feindel CM, Rubens F, Teoh K, Mathur A, Hamilton A, Bonneau D, Cutrara C, Austin P, Fremes SE. (2006, November 13). *The limited value of all cause risk-adjusted mortality hospital report cards in measuring and improving quality of care*. American Heart Association Nov 2006, Chicago, United States.
139. Kulik A, Masters RG, Bedard P, Hendry PJ, Lam B-K, Rubens FD, Mesana TG, Ruel M. (2006, November 12). *Aortic root enlargement reduces the incidence of prosthesis-patient mismatch and improves outcomes in patients with small aortic roots*. American Heart Association Nov 2006, Chicago, United States.
138. Kulik A, Masters R, Bedard P, Hendry P, Lam K, Rubens FD, Mesana T, Ruel M. (2006, October 24). *Aortic root enlargement reduces incidence of prosthesis-patient mismatch and improves outcomes in patients with small aortic roots*. CCS 2006, Vancouver, Canada.
137. Boodhwani M, Lam K, Mesana TG, Nathan H, Ruel M, Zeng W, Sellke FW, Rubens FD. (2006, October 24). *Skeletonized internal thoracic artery harvest reduces pain and dysesthesia and improves sternal perfusion following coronary artery bypass surgery: a randomized, double-blinded, within-patient comparison*. CCS 2006, Vancouver, Canada.
Senior Responsible Investigator
136. Fraser Rubens, A Kulik, RG Masters, P Bedard, PJ Hendry, BK Lam, FD Rubens, TG Mesana, M Ruel. (2006, October 24). *Aortic root enlargement reduces the incidence of prosthesis-patient mismatch and improves outcomes in patients with small aortic roots*. Canadian Cardiovascular Society, Vancouver, Canada.

135. RA Rodriguez, HJ Nathan, F Rubens, M Ruel, K Lam, T Mesana. (2006, October 24). *Effects of breathing 100% oxygen on the doppler characteristics of cerebral embolic signals in mechanical heart valve (MHV) patients*. Canadian Cardiovascular Society 2006, Vancouver, Canada.
134. Fraser Rubens, A Kulik, FD Rubens, D Gunning, ME Bourke, TG Mesana, M Ruel. (2006, October 22). *Radial artery graft treatment with phenoxybenzamine is clinically safe and reduces perioperative myocardial injury*. Canadian Cardiovascular Society 2006, Canada.
133. Fraser Rubens, M Boodhwani, BK Lam, TG Mesana, M Ruel, W Zeng, FD Rubens. (2006, October 22). *Skeletonized internal thoracic artery harvest reduces pain and dysesthesia and improves sternal perfusion following coronary artery bypass surgery: a randomized, double-blinded within-patient comparison*. Canadian Cardiovascular Society 2006, Canada.
Senior Responsible Investigator
132. Rubens, Fraser. (2006, October 18). *Developments in Surgery at the Ottawa Heart Institute*. Argus Medical, Ottawa, Canada.
131. Rubens, Fraser. (2006, January 24). *My friend, the pump*. Ottawa Heart Institute Research Rounds, Apr 2006, Ottawa, Canada.
130. Rubens, Fraser. (2006, January 19). *Options for minimizing neurologic injury during cardiac surgery*. 16th World Congress of the World Society of Cardiothoracic Surgeons Jan 2006, Ottawa, Canada.
129. Boodhwani M, Williams K, Babaev A, Gill G, Saleem N, Rubens F. (2006, January 19). *Ultrafiltration reduces blood transfusions following cardiac surgery: a meta-analysis*. 16th World Congress of the World Society of Cardiothoracic Surgeons Aug 2006, Ottawa, Canada.
128. Rodriguez R, Rubens F, Nathan H, Ruel M, Lam K, Mesana T. (2006, January 19). *Effects of de-nitrogenation of blood on the transcranial doppler characteristics of embolic signals in mechanical valve patients*. 16th World Congress of the World Society of Cardiothoracic Surgeons Aug 2006, Ottawa, Canada.
127. Kotrec M, Lefevre I, Bedoya E, Ruel M, Bourke M, Mesana T, Rubens F. (2006, January 18). *The role of sildenafil in improving exercise capacity and reserve prior to pulmonary thromboendarterectomy in patients with chronic thromboembolic pulmonary hypertension*. 16th World Congress of the World Society of Cardiothoracic Surgeons Aug 2006, Ottawa, Canada.
Senior Responsible Investigator
126. Rubens, Fraser. (2006, January 17). *The pulmonary thromboendarterectomy program: from inception to center of excellence*. 16th World Congress of the World Society of Cardiothoracic Surgeons Aug 2006, Ottawa, Canada.
125. Rubens, Fraser. (2006, January 15). *Cell Salvage. Hong Kong, China*. 2nd Asian NATA Symposium on Transfusion Medicine and Alternatives. Jan 2006, Hong Kong, China.
124. Rubens, Fraser. (2006, January 12). *The Ottawa PTE Program: From Inception to Center of Excellence*. University of Ottawa Heart Institute Grand Rounds Jan 2006, Ottawa, Canada.
123. Rubens, Fraser. (2006, January 8). *The Cecilie Greig Memorial Lecture - Lessons learned on the path to a healthier brain: dispelling the myths and challenging the hypotheses*. Hammersmith Hospital, Imperial College Rounds Jan 2006, London, United Kingdom.
122. Rubens, Fraser. (2006, January 1). *Pump biomaterials and surface interactions*. Brigham Department of Cardiac Surgery Rounds Jan 2006, Boston, United States.
121. Rubens, Fraser. (2005, January 8). *Pump biomaterials and surface interactions*. Department of Cardiovascular and Thoracic Surgery Grand Rounds. University of Mainz Jan 2005, Mainz, Germany.
120. Rubens, Fraser. (2005, January 1). *Pump biomaterials and surface interactions*. New Era Cardiac Care: Innovation and Technology Jan 2005, Laguna Niguel, United States.

119. Rubens, Fraser. (2005, January 1). *Non-pharmacologic strategies for blood conservation in cardiac surgery*. First congress of the Croatian Society or the Advancement of Bloodless Medicine Jan 2005, Zagreb, Croatia.
118. Kulik A, Rubens FD, Baird D, Mesana TG, Lam BK. (2005, January 1). *Early postoperative anticoagulation following mechanical valve replacement. A Canadian survey*. 3rd Biennial Meeting of the Society for Heart Valve Disease Jun 2005, Vancouver, Canada.
117. Belway D, Rubens FD, Henley B, Babaev A, Mesana TG. (2005, January 1). *Hirudin inhibits thrombin generation and fibrinopeptide A formation during prolonged CPB. A case report*. Annual Pathophysiology & Techniques of Cardiopulmonary Bypass: San Diego Cardiothoracic Surgery Symposium, San Diego, United States.
116. Belway D, Rubens FD, Wozny D, Henley B, Nathan HJ. (2005, January 1). *Are we doing everything we can to conserve blood during bypass? A national survey*. Annual Pathophysiology & Techniques of Cardiopulmonary Bypass: San Diego Cardiothoracic Surgery Symposium Jan 2005, San Diego, United States.
115. Fraser Rubens, Desai ND, Cohen EA, Fremes SE on behalf of the Radial Artery Patency Study Investigators. (2005, January 1). *Complications following radial artery harvest: Analysis from a randomized controlled clinical trial*. International Society of Minimally Invasive Cardiac Surgery Annual Meeting Jan 2005, New York, United States.
114. Fraser Rubens, Desai ND, Cohen EA, Fremes SE on behalf of the Radial Artery Patency Study Investigators. (2005, January 1). *The Effect of Gender on Saphenous Vein Graft Patency: Analysis from a Randomized Clinical Trial*. American Heart Association Second International Conference on Heart Disease and Stroke, Jan 2005, Orlando, United States.
113. Fraser Rubens, Miwa S, Desai ND, Cohen EA, Fremes SE on behalf of the Radial Artery Patency Study Investigators. (2005, January 1). *Anatomic and Multivariate Analysis of Thirty-One Cases of Radial Artery String Sign From the Multi-Center Radial Artery Patency Study*. Society of Thoracic Surgeons Meeting Jan 2005, Tampa, United States.
112. Boodhwani M, Rubens FD, Sellke FW, Ruel M. (2005, January 1). *Mortality and myocardial infarction with surgical versus percutaneous therapy for isolated left anterior descending artery disease: a meta-analysis*. European Association of Cardiothoracic Surgery Oct 2005, Spain.
111. Rodriguez R, Rubens FD, Belway D, Nathan HJ. (2005, January 1). *Retained air in the venous cannula increases cerebral embolization during onset of cardiopulmonary bypass*. CCS 2005, Montreal, Canada.
110. Kulik A, Lam BK, Rubens FD, Hendry PJ, Masters RG, Bedard P, Mesana TG, Ruel M. (2005, January 1). *Mid-life dilemma: mechanical versus bioprosthetic valve replacement in middle-aged patients*. CCS 2005, Montreal, Canada.
109. Boodhwani M, Rubens FD, Sellke FW, Ruel M. (2005, January 1). *Surgical versus percutaneous treatment of isolated left anterior descending artery disease: a meta-analysis of randomized and observational studies*. CCS Oct 2005, Montreal, Canada.
108. Boodhwani M, Rubens FD, Wozny D, Rodriguez R, Hendry PJ, Nathan H. (2005, January 1). *Predictors of Neurocognitive Outcome Following Low-Risk On-pump Coronary Artery Bypass Surgery*. AHA 2005, United States.
107. Boodhwani M, Rubens FD, Sellke FW, Ruel M. (2005, January 1). *Mortality and myocardial infarction with surgical versus percutaneous therapy for isolated left anterior descending artery disease: a meta-analysis*. CCS 2005, Canada.

106. Kulik A, Lam BK, Rubens FD, Hendry PJ, Masters RG, Bedard P, Mesana TG, Ruel M. (2005, January 1). *Mid-life dilemma: mechanical versus bioprosthetic valve replacement in middle-aged patients*. 3rd Biennial Meeting of the Society of Heart Valve Disease Oct 2005, United States.
105. Rubens, Fraser. (2004, January 1). *The effect of chronic afterload reduction on the reserve of the failing right ventricle*. Pulmonary hypertension in the new millennium. Jan 2004, Lake Louise, AB, Canada.
104. Gunning D, Song J, Waghay G, Baird D, Rubens FD, Mesana TG, Ruel M. (2004, January 1). *Off-pump surgery enhances viability of circulating endothelial progenitor cells in patients undergoing coronary artery bypass grafting*. CCS 2004, Calgary, Canada.
103. Fraser Rubens, Desai ND, Cohen EA, Fremes SE on behalf of the RAPS Investigators. (2004, January 1). *Neurologic injury after on-pump arterial revascularization in a low-risk patient population: a subgroup analysis of a randomized controlled clinical trial*. Canadian Cardiovascular Congress Oct 2005, Calgary, Canada.
102. Kulik A, Mesana TG, Lam BK, Rubens FD, Hendry PJ, Masters RG, Goldstein WG, Bedard P, Ruel M. (2004, January 1). *Long-term outcomes of valve replacement with modern prostheses in young adults*. AHA 2004, New Orleans, United States.
101. Fraser Rubens, Desai ND, Cohen EA, Naylor CD, Fremes SE on behalf of the Radial Artery Patency Study Investigators. (2004, January 1). *Competitive Flow Compromises Patency Of Radial Artery Coronary Bypass Grafts: Angiographic Analysis From A Multinational Randomized Controlled Clinical Trial*. EACTS 2004, Leipzig, Germany.
100. Fraser Rubens, Desai ND, Miwa S, Cohen EA, Schwartz L, Dubbin J, Radhakrishnan S, Fremes SE, On Behalf of the RAPS Investigators. (2004, January 1). *Competitive Flow Compromises Patency of Radial Artery Coronary Bypass Grafts*. American Heart Association Scientific Sessions, 2004, New Orleans, United States.
99. Rubens, Fraser. (2003, January 1). *Inflammation and surface interactions: Biomaterials*. San Diego Cardiothoracic Surgery Symposium 2003, San Diego, United States.
98. Rubens, Fraser. (2003, January 1). *Inflammation and surface interactions: Biomaterials*. U.K. Perfusion Day 2003, Mirandola, Italy.
97. Rubens, Fraser. (2003, January 1). *Inflammation and surface interactions: Biomaterials*. Department of Cardiac Surgery. McGill University Grand Rounds 2003, Montreal, Canada.
96. Rubens, Fraser. (2003, January 1). *Inflammatory responses to CPB: A therapeutic overview*. Therapeutic filtration and extracorporeal circulation - Workshop 2003, London, United Kingdom.
95. Rubens, Fraser. (2003, January 1). *Chronic thromboembolic pulmonary hypertension*. Thrombosis Rounds, University of Ottawa 2003, Ottawa, Canada.
94. Kulik A, Ruel R, Rubens FD, Masters RG, Pipe AL, Bedard P, Hendry PJ, Goldstein WG, Brais MP, Keon WJ, Mesana TG. (2003, January 1). *Late incidence and risk factors for reoperation in patients with prosthetic heart valves*. CCS 2003, Toronto, Canada.
93. Ruel M, Kulik A, Gunning D, Rubens FD, Dupuis J-Y, Bourke M, Mesana TG. (2003, January 1). *Total arterial revascularization for multivessel coronary disease: 172 consecutive cases without mortality*. CCS 2003, Toronto, Canada.
92. Bedard P, Ruel M, Rubens FD, Nathan HJ, Dupuis J-Y, Bourke M, Sawyer L, Williams K, Bryson G, Vaillancourt R, Mesana TG. (2003, January 1). *A double-blind, randomized controlled trial of early postoperative naproxen use in patients undergoing coronary artery bypass surgery*. CCS 2003, Toronto, Canada.

91. Ruel M, Masters RG, Rubens FD, Pipe AL, Mesana TG. (2003, January 1). *Late incidence and predictors of persistent and recurrent heart failure in patients with prosthetic heart valves*. 83rd Annual Meeting, American Association for Thoracic Surgery 2003, Boston, United States.
90. Mesana T, Ruel M, Rubens FD, Pipe AL, Hendry PJ, Bedard P, Masters RG. (2003, January 1). *Small prosthesis size and prosthesis-patient mismatch are independently predictive of heart failure recurrence after aortic valve replacement*. American Heart Association 2003, Orlando, United States.
89. Mesana T, Ruel M, Kulik A, Masters RG, Pipe AL, Rubens FD. (2003, January 1). *Late incidence and risk factors for reoperation in patients with prosthetic heart valves*. AHA 2003, Orlando, United States.
88. Ruel M, Kulik A, Rubens FD, Bedard P, Masters RG, Pipe AL, Mesana TG. (2003, January 1). *Late incidence and determinants of reoperation in patients with prosthetic heart valves*. European Association for Cardiothoracic Surgery 2003, Vienna, Austria.
87. Fraser Rubens, Desai ND, Cohen EA, Fremes SE for the RAPS Investigators. (2003, January 1). *One-Year Results of the Multi-Center Radial Artery Patency Trial*. AHA 2003, Orlando, United States.
86. Boodhwani M, Ruel M, Mesana T, Rubens FD. (2003, January 1). *Coronary Intervention versus Minimally Invasive Direct Coronary Artery Bypass for the treatment of isolated, proximal LAD disease*. International Society for Minimally Invasive Cardiac Surgery 2003, United States.
Senior Responsible Investigator
85. Rubens, Fraser. (2002, January 1). *Surgery for Chronic Thromboembolic Pulmonary Hypertension*. Better Breathing Conference 2002, Canada, Canada.
84. Rubens, Fraser. (2002, January 1). *Surface modified CPB circuits: modifying the inflammatory response*. Outcomes 2002, Key West, United States.
83. Rubens, Fraser. (2002, January 1). *MIDCAB/OPCAB Primer*. CONDOR Meeting 2002, Ottawa, Canada.
82. Rubens, Fraser. (2002, January 1). *Preoperative autologous donation and cell salvage: questioning the validity of approaching blood conservation blindly*. 3rd Annual Cardiac Team Meeting: Minimizing blood loss and exposure to blood products, Montebello, Canada.
81. Rubens, Fraser. (2002, January 1). *Clinical relevance of cardiotomy blood salvage during cardiopulmonary bypass*. Montreal Heart Institute. Cardiac Surgery Rounds 2002, Montreal, Canada.
80. Rubens, Fraser. (2002, January 1). *Clinical relevance of cardiotomy blood salvage during cardiopulmonary bypass*. Ottawa Heart Institute Research Rounds 2002, Montreal, Canada.
79. Mesana T, Collart F, Caus T, Gaubert JY, Masters R, Rubens F. (2002, January 1). *Late reoperations for peri-prosthetic false aneurysms following surgery for type A aortic dissection: what did we learn?*. CCS 2002, Edmonton, Canada.
78. Rubens FD, Bourke M, Hynes M, Mesana T. (2002, January 1). *Surgery for chronic thromboembolic pulmonary hypertension: A Canadian perspective*. CCS 2002, Edmonton, Canada.
77. Boodhwani M, Ruel M, Mesana T, Rubens FD. (2002, January 1). *Minimally invasive direct coronary artery bypass (MIDCAB) for the treatment of isolated LAD disease*. CCS 2002, Edmonton, Canada.
Senior Responsible Investigator
76. Rubens FD, Oikonomou A, Wells P, Mesana T, Dennie C. (2002, January 1). *Chronic thromboembolic pulmonary arterial hypertension correlation of post-op results with thromboendarterectomy with pre-op helical contrast-enhanced computed tomography*. CCS 2002, Edmonton, Canada.
75. Ruel M, Masters RG, Rubens FD, Pipe AL, Mesana TG. (2002, January 1). *Late incidence and predictors of CVA in patients with prosthetic heart valves*. CCS 2002, Edmonton, Canada.
74. Oikonomou A, Dennie CJ, Matzinger FR, Wells PS, Peterson RA, Rubens FD. (2002, January 1). *Chronic thromboembolic pulmonary arterial hypertension – Correlation of post-operative results of*

- thromboendarterectomy with pre-operative helical contrast-enhanced computed tomographic and pulmonary angiographic findings.* Society of Thoracic Radiology 2002, San Francisco, United States.
73. Dennie CJ, Rubens FD, Matzinger FR, Wells PS. (2002, January 1). *Natural history of pulmonary thromboembolism in patients with acute pulmonary embolism.* Society of Thoracic Radiology Mar 2002, San Francisco, United States.
 72. Ruel M, Masters RG, Rubens FD, Pipe AL, Mesana TG. (2002, January 1). *Late incidence and predictors of CVA in patients with prosthetic heart valves.* 78th Scientific Sessions of the American Heart Association 2002, Chicago, United States.
 71. Rubens, Fraser. (2001, January 1). *Intra-operative fluorescent imaging-an innovative approach to validation.* Current trends in thoracic surgery VII 2001, New Orleans, United States.
 70. Rubens, Fraser. (2001, January 1). *Chronic thromboembolic pulmonary hypertension. Research directions at the University of Ottawa Heart Institute.* Research Rounds. Division of Respiriology, University of British Columbia, 2001, Vancouver, Canada.
 69. Rubens, Fraser. (2001, January 1). *Surgery for chronic thromboembolic pulmonary hypertension.* B.C. Thoracic Society 2001, Vancouver, Canada.
 68. Rubens, Fraser. (2001, January 1). *Case studies in cardiac surgery.* Bayer Cardiology Retreat 2001, Ottawa, Canada.
 67. Rubens, Fraser. (2001, January 1). *Lessons learned in the application of biocompatibility principles to minimize the complications of CPB.* Cardiac Team Meeting: New Approaches to Current Strategies 2001, Parry Sound, Canada.
 66. Rubens, Fraser. (2001, January 1). *Non-pharmacologic strategies in blood conservation.* Cardiac Team Meeting: New Approaches to Current Strategies, Parry Sound, Canada.
 65. Rubens, Fraser. (2001, January 1). *Chronic thromboembolic pulmonary hypertension.* Department of Surgery Grand Rounds. University of Ottawa 2001, Ottawa, Canada.
 64. Rubens, Fraser. (2001, January 1). *Inflammation and cardiopulmonary bypass.* Ottawa Heart Institute Research Rounds 2001, Ottawa, Canada.
 63. Rubens, Fraser. (2001, January 1). *MIDCAB Surgery: A strategy for the treatment of proximal LAD lesions.* University of Ottawa Heart Institute Combined Surgery-Cardiology Grand Rounds 2001, Ottawa, Canada.
 62. Rubens FD, Ruel M, Labinaz M, Hynes M, Del Rizzo D. (2001, January 1). *Visualization of the coronary vasculature in the operating room.* Cardiothoracic Techniques and Technologies 2001, New Orleans, United States.
 61. Ruel M, Rubens FD, Fremes SE. (2001, January 1). *Visualization of the coronary vasculature in the operating room.* 4th Annual Scientific Meeting of the International Society for Minimally Invasive Cardiac Surgery 2001, Munich, Germany.
Senior Responsible Investigator
 60. Rubens FD, Mallidi H, Fremes SE. (2001, January 1). *Visualization of the coronary vasculature in the operating room.* World Artificial-Organ, Immunology and Transplantation Society 2001, Ottawa, Canada.
 59. Rubens, Fraser. (2000, January 1). *Surgery for chronic thromboembolic pulmonary hypertension. Pulmonary hypertension current concepts and future directions.* University of Toronto PH rounds 2000, Toronto, Canada.
 58. Rubens, Fraser. (2000, January 1). *Inflammation and cardiopulmonary bypass.* CCS 2000, Vancouver, Canada.
 57. Rubens, Fraser. (2000, January 1). *Non-pharmacologic technologies for blood conservation in cardiac surgery.* CCS 2000, Vancouver, Canada.
 56. Rubens, Fraser. (2000, January 1). *Clinical relevance of cardiotomy blood conservation in cardiac surgery.* Hamilton Civic Hospitals Research Centre Rounds, Hamilton, Canada.

55. Evans A, Proulx GA, Morrin L, Mayhew A, Rubens F. (2000, January 1). *Functional recovery after pulmonary thromboendarterectomy*. Tri-joint Congress 2000, Burlington, Canada.
54. Isotalo PA, Auclair F, Beanlands DS, Chan KL, Rubens F, Veinot JP. (2000, January 1). *Bioprosthetic valve fungal endocarditis: a rare presentation of disseminated histoplasmosis*. Canadian and Ontario Association of Pathologists 2000, Ottawa, Canada.
53. Ruel M, Weng F, Bourke M, Dupuis J-Y, Robblee J, Rubens FD. (2000, January 1). *Is tranexamic acid safe in patients undergoing coronary endarterectomy?*. CCS 2000, Vancouver, Canada.
52. Dokainish H, Rubens F, Waghray G, Doelle H, Borthwick J, McPherson R. (2000, January 1). *Plasma homocysteine is a risk factor for atherosclerosis: The Coronary Artery Bypass Risk Assessment (CARA) study*. American Cardiology Conference 2000, Anaheim, United States.
51. Rubens, Fraser. (1999, January 1). *Cardiac surgery in the new millennium*. Ottawa Heart Institute Alumni Association 1999, Ottawa, Canada.
50. Rubens, Fraser. (1999, January 1). *Blood transfusion in cardiac surgery*. Canadian Society of Transfusion Medicine 1999, Saskatoon, Canada.
49. Rubens, Fraser. (1999, January 1). *Blood transfusion in cardiac surgery*. University of Ottawa Heart Institute Research Rounds 1999, Ottawa, Canada.
48. Dokainish H, Rubens F, Waghray G, Doelle H, Borthwick J, McPherson R. (1999, January 1). *Procoagulant risk factors for atherosclerosis: the coronary artery bypass risk assessment (CARA) study*. CCS 1999, Canada.
47. Rubens FD, Wells P, Bencze S, Bourke M. (1999, January 1). *Surgery for chronic thromboembolic pulmonary hypertension: The UOHI experience*. CCS 1999, Quebec City, Canada.
46. Ruel M, Wang F, Bourke M, Dupuis J-Y, Rubens FD, Nichol G, Keon WJ. (1999, January 1). *Operative outcome of high-risk patients referred to a quaternary cardiac surgery center*. CCS 1999, Quebec City, Canada.
45. Rubens, Fraser. (1999, January 1). *SMA coating on CPB surfaces*. American Society for Artificial Internal Organs 1999, San Diego, United States.
44. Rubens, Fraser. (1998, January 1). *COBE SMARxTTM Symposium: Biocompatible circuits with surface modifying additive for clinical cardiopulmonary bypass*. EACTS 1998, Brussels, Belgium.
43. Rubens, Fraser. (1998, January 1). *Perfusion aspects for the surgical treatment of chronic thromboembolic disease*. Canadian Society of Clinical Perfusion 1998, Ottawa, Canada.
42. Rubens, Fraser. (1998, January 1). *Heparin coated bypass circuits*. Ottawa Life Sciences National Conference and Exhibition 1998, Ottawa, Canada.
41. Rubens, Fraser. (1998, January 1). *Evaluation of COBE biocompatible extracorporeal circuits in cardiopulmonary bypass*. University of Ottawa Heart Institute Research Rounds 1998, Ottawa, Canada.
40. Rubens FD, MacDonald A, Labow R, Waghray G, Wozny D, Robblee J, Voorhees M, Nathan H. (1998, January 1). *Evaluation of COBE biocompatible extracorporeal circuits in cardiopulmonary bypass*. CCS 1998, Ottawa, Canada.
39. Rubens FD, Fergusson D, Wells PS, Huang M, McGowan JL, Laupacis A. (1998, January 1). *Platelet-rich plasmapheresis in cardiac surgery: a meta-analysis of the effect on transfusion requirements*. CCS 1998, Ottawa, Canada.
38. Lavalee G, Rubens FD, Nathan H, Watson M. (1998, January 1). *Clinical evaluation of the COBE (SMARxT) tri-block copolymer surface modifying additive in an extracorporeal circuit*. Canadian Society of Clinical Perfusion 1998, Ottawa, Canada.
37. Rubens, Fraser. (1997, January 1). *Improved blood compatibility during CPB using a surface modifying additive*. San Diego Cardiothoracic Surgery Symposium 1997, San Diego, United States.

36. Rubens, Fraser. (1997, January 1). *Chronic thromboembolic pulmonary hypertension*. Department of Medicine Grand Rounds. Riverside Hospital 1997, Ottawa, Canada.
35. Rubens, Fraser. (1997, January 1). *Chronic pulmonary embolus*. Lakehead University Summer School 1997, Thunder Bay, Canada.
34. Rubens, Fraser. (1997, January 1). *Coronary surgery in the new millenium*. Lakehead University Summer School 1997, Thunder Bay, Canada.
33. Rubens, Fraser. (1997, January 1). *Hematologic consequences of cardiac reoperations*. CCS 1997, Winnipeg, Canada.
32. Rubens, Fraser. (1997, January 1). *Strategies for minimizing blood loss and blood replacement in cardiac surgery. Blood alternatives in medical practice*. Satellite Symposium in conjunction with 1997 Anaesthesia Winterlude Scientific Day 1997, Ottawa, Canada.
31. Cutrara CA, Masters RG, Nathan H, Rubens FD. (1997, January 1). *Preoperative heparin infusion does not increase blood usage in urgent CABG*. University of Ottawa Heart Institute Research Day 1997, Ottawa, Canada.
Senior Responsible Investigator
30. Rubens, Fraser. (1997, January 1). *Traumatic mitral insufficiency*. Young Cardiac Surgeons of Canada 1997, Orlando, United States.
29. Rubens, Fraser. (1996, January 1). *Chronic thromboembolic pulmonary hypertension*. University of Ottawa Pneuma Club 1996, Ottawa, Canada.
28. Rubens, Fraser. (1996, January 1). *The endothelium as a surgical target in cardiovascular disease*. Henry Ford Hospital, University of Michigan 1996, Detroit, United States.
27. Rubens, Fraser. (1996, January 1). *Device thrombosis and cell biology laboratory*. UpState New York Cardiothoracic Surgeons 1996, Ottawa, Canada.
26. Rubens, Fraser. (1996, January 1). *Chronic thromboembolic pulmonary hypertension*. Cardiology rounds, Hotel Dieu Hospital, Queen's University 1996, Kingston, Canada.
25. Dennie CJ, Rubens FD, Matzinger FR, Di Primio G, Wells P. (1996, January 1). *Helical CT in the preoperative assessment for pulmonary thromboendarterectomy*. Canadian Association of Radiologists 1996, Vancouver, Canada.
24. Rubens FD, Labow RS, Robblee JA. (1996, January 1). *Hematologic effects of the DavolR autotransfusion device in re-operative surgery*. Eighth World Biomaterials Congress 1996, Toronto, Canada.
23. Rubens, Fraser. (1995, January 1). *Genetic engineering of endothelial cells used for the coating of prosthetic vascular surfaces*. Collin's Research Day, Department of Surgery, University of Ottawa 1995, Ottawa, Canada.
22. Rubens, Fraser. (1994, January 1). *Platelet interaction with the blood vessel wall*. Laboratoire d'Organogenese Experimentale, Hopital du Saint-Sacrement 1994, Sainte-Foy, Canada.
21. Rubens, Fraser. (1994, January 1). *The role of factor XIII in post-bypass hemostasis*. Ottawa General Hospital Rounds, Ottawa, Canada.
20. Rubens FD, Ganz PR. (1994, January 1). *Molecular mechanism of action of amrinone: Identification of target proteins in human platelets which bind amrinone*. Residents' Review Day. University 1994, Ottawa, Canada.
19. Rubens FD, Hendry PJ, Ganz PR, Birch P, Giulivi A, Devine D. (1994, January 1). *The expression of activated plasma and platelet factor XIII during cardiopulmonary bypass*. Residents' Review Day. University of Ottawa 1994, Ottawa, Canada.
18. Rubens, Fraser. (1994, January 1). *The effect of cardiopulmonary bypass on platelet and plasma factor XIII*. Ottawa Heart Institute Research Day 1994, Ottawa, Canada.

17. Rubens, Fraser. (1993, January 1). *Platelet interaction with the blood vessel wall*. Ottawa Civic Hospital rounds 1993, Canada.
16. Rubens FD, Birch P, Wynands E, Giulivi A. (1993, January 1). *Inhibition of arachidonic acid-mediated expression of the selectin GMP-140 on the platelet surface by amrinone*. Residents' Review Day. University of Ottawa 1993, Canada.
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