

**Date Prepared:** July 19, 2022

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### Education

1997-2005	FRSCS	Cardiac Surgery Residency	University of Manitoba
1999-2003	Graduate Student	Department of Physiology	University of Manitoba
1993-1997	MD	Medical School	University of Manitoba
1993-1994	B.Sc Medicine	Medical School	University of Manitoba
1990-1993	B.Sc General		University of Manitoba

### Postdoctoral Training

2006-2007	Chief Fellow	Cardiothoracic Surgery	Cleveland Clinic
	Aortic / Endovascular Fellow	Cardiothoracic and Vascular Surgery	Cleveland Clinic
2005-2007	Clinical Fellow	Cardiothoracic Surgery	Cleveland Clinic

## **Faculty Academic Appointments**

July 1, 2020 - present	Clinical Associate Professor	University of Alberta
Oct 2014 – June 30, 2020	Clinical Assistant Professor	University of Alberta
2007-Sept 30, 2014	Assistant Professor	University of Manitoba

## **Appointments at Hospitals/Affiliated Institutions**

Sept 15, 2014- present	Cardiac Surgeon	Division of Cardiac Surgery	Mazankowski Alberta Heart Institute
2007-Sept 30, 2014	Cardiac Surgeon	Cardiac Sciences	St. Boniface Hospital

## **Other Professional Positions**

1999-2005	House Medical Officer (HMO) / “Resident Replacement”	University of Manitoba
1992-1993	Tutor Level II	University of Manitoba

## **Major Administrative Leadership Positions**

### **Local**

September 2018-	Fellowship Director	Cardiac Surgery, MAHI
June 2016 –	Director of Aortic Surgery	Cardiac Surgery, MAHI
2012- Sept 30, 2014	Surgical Head, Aortic Diseases	St. Boniface Hospital

## **Committee Service**

### **Local**

2019	Competency by Design – Department Champion	University of Alberta
2019	Comptence Committee Chair Cardiac Surgery	University of Alberta
2015-	aCATS Surgeon Advisory Group	Cardiac Surgery, MAHI
2015-	CvHS SCN & Surgical Infection	Cardiac Surgery, MAHI
2015 -	CvHS SCN & Perfusion	Cardiac Surgery, MAHI
Dec 2015-	Quality Assurance, Mortality Review	Cardiac Surgery, MAHI
2012-Sept 30, 2014	Standards Committee, Mortality Review	Cardiac Sciences Program
2007-Sept 30, 2014	CHARM, Research Committee	Cardiac Sciences Program

### **National and International**

2014-	Executive Committee (Western Representative)	CSCS
2013-2014	Program Committee	ISMICS

### **Professional Societies**

2020-	Society of Thoracic Surgery (STS)	
2012-	Canadian Cardiovascular Society	
2012-	Canadian Society of Cardiac Surgery (CSCS)	
2012-2014	International Society of Minimally Invasive Cardiac Surgery	
2013-2014		Programme Selection Committee

## Honors and Prizes

2020-2021	Teacher of the Year	Cardiac Surgery Residency	University of Alberta
2019-2020	Teacher of the Year	Cardiac Surgery Residency	University of Alberta
2018-2019	Teacher of the Year	Cardiac Surgery Residency	University of Alberta
2015-2016	Teacher of the Year	Cardiac Surgery Residency	University of Alberta
2004	Best Clinical Presentation	Review of Combined Carotid Endarterectomy and CABG in Manitoba	Manitoba Chapter of American College of Surgeons
2001	Best Research Project	<i>"The Role of <math>\alpha V\beta III</math> Integrin Receptors in Porcine Vascular Smooth Muscle Cell Migration and Phenotypic Modulation"</i>	Manitoba Chapter of American College of Surgeons
2000	2 <sup>nd</sup> Place Best Basic Science Presentation	<i>"A Novel Organ Culture Method to Study Intimal Hyperplasia at the Site of a Coronary Artery Bypass Anastomosis"</i>	Manitoba Chapter of American College of Surgeons
1995	Frosst Scholarship for Best Clinical Project	<i>"Does sufentanil concentration influence isoflurane requirements during coronary artery bypass grafting?"</i>	

## **Report of Funded and Unfunded Projects**

### **Current Projects**

2021- present	Investigator	PERSEVERE FDA trial (USA)
2016 - 2017	Principal Investigator	ACE  Multicentre study examining different techniques of antegrade cerebral protection during circulatory arrest
2016 -	Principal Investigator	DARTS (Dissected Aorta Repair Through Stent implantation)  Study of a novel stent graft during acute type A aortic dissections
2015 - 2018	Co-investigator	LAAOS

### **Funding Information**

#### **Past**

2001-2002	Manitoba Health Research Council (MHRC) Post-doctoral Fellowship (renewed)
2000-2001	Manitoba Health Research Council (MHRC) Post-doctoral Fellowship

## **Report of Local Teaching and Training**

### **Teaching of Students in Courses**

2014 -	Surgical Foundations Lectures	Surgical Foundations Program
2011-2014	Aortic Diseases and Peripheral Vascular Disease	Physician's Assistants Education Program (PAEP), University of Manitoba
2007-2014	Aortic pathology, Valvular Pathology and Coronary artery disease 3 <sup>rd</sup> year medical students	University of Manitoba Medical School  3 hr sessions / 6-8 per year



### **Formal Teaching of Residents, Clinical Fellows and Research Fellows (post-docs)**

2014-	Cardiac Surgery Fellows	On-service mentoring
	Cardiac Surgery Residency (U of Alberta)	On-service mentoring
	1 <sup>st</sup> -6 <sup>th</sup> year surgery residents	One hour lectures
	1 <sup>st</sup> -6 <sup>th</sup> year surgery residents	Operative supervision
	1 <sup>st</sup> -6 <sup>th</sup> year surgery residents	Oral exams
2007-2014	Cardiac Surgery Residency (U of Manitoba)	On-service mentoring
	1 <sup>st</sup> -6 <sup>th</sup> year surgery residents	One hour lectures
	1 <sup>st</sup> -6 <sup>th</sup> year surgery residents	Operative supervision
	1 <sup>st</sup> -6 <sup>th</sup> year surgery residents	Oral exams

### **Clinical Supervisory and Training Responsibilities**

2014-	Clinical Skills / Wet labs Cardiac Surgery Residents	University of Alberta
2007-2014	Clinical Skills 3 <sup>rd</sup> year medical students	University of Manitoba Medical School 3 hour sessions / every 6 weeks
2013-2014	Clinical Orientation / Peri-operative Medicine 3 <sup>rd</sup> year medical student	University of Manitoba Medical School 3 hour session / every week

**Formal Teaching of Peers (e.g., CME and other continuing education courses)**

2021	How to Train Residents to Become Surgeons	Single Presentation Edmonton, AB
2020	Training Teachers Retreat	Faculty Banff, AB
2019	Aortic Dissection	Single Presentation Edmonton, AB
2018	Aortic Dissection Cardiology Grand rounds	Single Presentation Edmonton, AB
2017	Management of Acute Aortic Dissection (Emergency Medicine Rounds UAH)	Single Presentation Edmonton, AB
2016	Surgical Management of Acute Aortic Dissections Combined Anesthesia and Cardiac Surgery Rounds	Single Presentation Edmonton, AB
2016	Review of Aortic Surgery Cases Operating Room Nurses In-service	Single Presentation Edmonton, AB
2015	Thoracic Endovascular Aortic Repair Mazankowski Grand Rounds	Single Presentation Edmonton, AB
2015	Mini-AVR Indications and Benefits Cardiology Grand Rounds (Royal Alexander Hospital)	Single Presentation Edmonton, AB
2015	Surgical Management of Type B Aortic Dissection Critical Care Rounds	Single Presentation Edmonton, AB
2015	Wires and Catheters Operating Room Nurses In-service	Single Presentation Edmonton, AB
2015	Surgical Management of Aortic Dissections Cardiology Rounds (University of Alberta)	Single Presentation Edmonton, AB
2014	Role of ECMO Critical Care Nurses of Manitoba	Single Presentation Winnipeg, MB
2014	Aortic Catastrophes Manitoba Operating Room Nurses Association	Single Presentation Winnipeg, MB
2013	Update in TAVI Cardiology Update	Single Presentation Brandon, MB



2012	Aortic Surgery Clinical and Research Nursing Network	Single Presentation Winnipeg, MB
2007	Valve and Root Repair in Young Patients with Aortic Valve and Ascending Aorta Pathology Cardiothoracic Surgery Residents' Day	Single Presentation Cleveland, OH
2006	Concomitant surgery of the ascending aorta in patients with bicuspid aortic valve disease: At what size should the ascending aorta be replaced? Cardiothoracic Surgery Residents' Day	Single Presentation Cleveland, OH

## Local Invited Presentations

- 2014 Management of Uncomplicated Type B Aortic Dissection  
Winnipeg Vascular Symposium
- 2013 Aortic Arch Surgery / Hybrid Surgery  
Winnipeg Vascular Symposium
- 2012 Aortic Dissections  
Winnipeg Vascular Symposium
- 2010 TEVAR and Endoleaks  
Winnipeg Vascular Symposium
- 2009 Endovascular Management of Type B Aortic Dissections  
Winnipeg Vascular Symposium
- 2008 Aortic Dissection and Endovascular Repair  
Winnipeg Vascular Symposium
- 2008 Cardiac Surgery and Pregnancy  
Critical Care Conference
- 2001 Cytokeratins 8 And 18 Are Expressed By Coronary Artery Smooth Muscle Cells Post-Angioplasty  
17<sup>th</sup> World Congress of the International Society for Heart Research, Winnipeg, MB

# **Report of Regional, National and International Invited Teaching and Presentations**

## **Invited Presentations and Courses**

### **Regional**

- 2020            Closing the Loop  
                  Training Teachers Retreat, Banff, AB
- 2020            Coffee Talks  
                  Training Teachers Retreat, Banff, AB
- 2019            Working with Industry: Things I have learned.  
                  Alberta Resident's Day (Cardiac Surgery), Calgary, AB
- 2018            CTAC: Update on the DARTS trial  
                  CUSP, Vancouver, BC
- 2016            Type A Aortic Dissection: Beyond the Arch  
                  Winnipeg Vascular Symposium, Winnipeg, MB
- 2016            Intra-operative Neurophysiologic Monitoring During Thoracic Surgery  
                  CUSP, Toronto, ON
- 2015            Review of TEVAR  
                  CVRT (Cardiology Review), Jasper, AB
- 2015            Endovascular Management of Thoracoabdominal Aortic Aneurysm  
                  CUSP Chicago, IL
- 2015            Pitfalls in Minimally Invasive Aortic Valve Replacement  
                  Alberta Resident's Day (Cardiac Surgery), Calgary, AB
- 2014            Management of Chronic Type B Aortic Dissections  
                  Endoluminaries, Toronto, Ontario
- 2004            Review of Combined Carotid Endarterectomy and CABG in Manitoba  
                  Manitoba Chapter of American College of Surgeons
- 2001            The Role of  $\alpha$ V $\beta$ III Integrin Receptors in Porcine Vascular Smooth Muscle Cell Migration  
                  and Phenotypic Modulation

- Manitoba Chapter of American College of Surgeons
- 2001 Cytokeratins 8 And 18 Are Expressed By Coronary Artery Smooth Muscle Cells Post-Angioplasty  
5<sup>th</sup> Annual Terrence Donnelly Cardiac Surgery Residents Research Day. Toronto
- 2000 A Novel Organ Culture Method to Study Intimal Hyperplasia at the Site of a Coronary Artery Bypass Anastomosis. Oral Presentation  
4<sup>th</sup> Annual Terrence Donnelly Cardiac Surgery Residents Research Day. Toronto
- 1999 Safety and Efficacy of Fast Track in Patients Undergoing Coronary Artery Bypass Surgery  
Manitoba Chapter of American College of Surgeons
- 1999 Safety and Efficacy of Fast Track in Patients Undergoing Coronary Artery Bypass Surgery  
3<sup>rd</sup> Annual Terrence Donnelly Cardiac Surgery Residents Research Day. Toronto
- 1998 Case Presentation of LVAD as a Bridge to Recovery  
Manitoba Chapter of American College of Surgeons
- 1997 A review of cryopreserved aortic homografts implantation  
Manitoba Chapter of American College of Surgeons

## **National**

- 2022 AMDS Canadian Experience  
Halifax Cardiac Surgeons, Halifax NS
- 2022 AMDS Canadian Experience  
Trillium Cardiac Surgeons, Toronto ON
- 2022 Teaching Aortic Surgery; Easy or Hard?  
CTAC Spring Meeting, Toronto ON
- 2021 Role of AMDS in the Management of DeBakey 1 Aortic dissections  
McGill Cardiac Surgery Rounds March, Montreal QC
- 2021 Role of AMDS in the Management of DeBakey 1 Aortic dissections  
St. Michael's Hospital Rounds, Toronto ON
- 2021 CSCP October Annual Meeting. Teamwork leads to Success
- 2021 CCC Training, Breaking it Down  
CCC (CSCS) Annual Meeting

- 2021 Aortic Surgery in 30 minutes  
Cardiac Surgery Bootcamp 2021 (CSCS)
- 2021 Role of AMDS in the Management of Aortic Dissections  
Cardiac Surgery Rounds, Royal Columbian Hospital, Vancouver BC
- 2021 AMDS and Aortic Dissections  
Calgary AB
- 2021 Difficult Cases and Tips/Tricks Minimally Invasive AS and Tricuspid Repair  
Western Canadian MICS Calgary AB
- 2021 Role of AMDS in the Management of DeBakey 1 Aortic dissections  
Victoria BC
- 2021 Role of AMDS in the Management of DeBakey 1 Aortic Dissections  
Cardiac Surgery Rounds, Regina SK
- 2021 Role of AMDS in the Management of DeBakey 1 Aortic dissections  
Cardiac Surgery Rounds VGH, Vancouver BC
- 2021 AMDS and Aortic Dissections  
Cardiac Surgery Rounds, Kelowna BC
- 2020 Management of Aortic Dissections and Malperfusion  
Vancouver General Hospital, Vancouver BC
- 2018 Minimally Invasive Valve Surgery: Perceval S  
Saskatoon, SK
- 2018 Minimally Invasive Valve Surgery  
Cardiology Grand Rounds, Regina, SK
- 2015 Ethical Issues in Cardiac Surgery  
Canadian Anesthesia Society Annual Meeting, Ottawa, ON
- 2005 Review of Combined Carotid Endarterectomy and Coronary Artery Bypass Grafting  
Surgery in Manitoba. Poster Presentation
- 1995 Does sufentanil concentration influence isoflurane requirements during coronary artery  
bypass grafting?  
Canadian Anesthesiologists' Society Annual Meeting, Montreal, QC



## International

- 2022 Novel Treatment of Aortic Dissections  
Aortic Devices Masterclass, Technopractium July Sydney, Australia
- 2022 Management of Aortic Dissection with Extended Arch Surgery  
Aortic Surgery Symposium July Sydney, Australia
- 2022 Introduction to Aortic Arch Devices  
Young Surgeon's Symposium July Sydney, Australia
- 2022 AMDS – The Canadian Experience – What we learned  
Exchange of Experience, Bologna Italy
- 2022 AMDS 3 year outcomes of the DARTS trial  
Artivion Aortic Symposium (AATS), Boston MA
- 2022 AMDS: Changing the Paradigm Patient selection and surveillance  
March 2022 European Artivion Group
- 2022 AMDS EMEA Sales Meeting  
Europe Webex
- 2020 Results of the DARTS trial and the Management of DeBakey 1 Aortic Dissections  
Singapore, Singapore
- 2020 DARTS: Mid Term results  
Society of Thoracic Surgery Annual Meeting, New Orleans, LA
- 2018 Management of Aortic Dissection  
Endovascology, Shanghai, China
- 2018 Aortic Dissections: Canadian Perspective, Bangkok, Thailand
- 2007 Is Cardiac CT Imaging of the Aortic Valve Superior to ECHO? Veith Symposium  
New York, NY
- 2006 Imaging of the Aorta, Terarecon Imaging Clinic, Veith Symposium  
New York, NY

# **Report of Clinical Activities and Innovations**

## **Licensure and Certification**

2014-present    Alberta Medical License  
2007-2014      Manitoba Medical License  
2005-2007      Ohio Medical License



# **Report of Education of Patients and Service to the Community**

## **Educational Material for Patients and the Lay Community**

### **Patient educational material**

2016	TEVAR	Author	Patient education pamphlet
2014	Endovascular Surgery	Author	Patient education pamphlet

## **Report of Scholarship**

### **Publications**

#### **Peer reviewed publications in print or other media**

1. Thomson IR, **Moon M**, Hudson RJ, Rosenbloom M. Does sufentanil concentration influence isoflurane requirements during coronary artery bypass grafting? *J Cardiothorac Vasc Anesth* 1999 Feb;13(1):9-14
2. Ariano RE, Bhattacharya SK, **Moon M**, Brownell L. Failure of danaparoid anticoagulation for cardiopulmonary bypass. *J Thorac Cardiovasc Surg* 2000 Jan;119(1):167-8
3. Del Rizzo DF, **Moon MC**, Werner J, Zahradka P. An organ culture model to study intimal hyperplasia at the site of a coronary bypass anastomosis. *Ann Thorac Surg*. Ann Thorac Surg. 2001 Apr;71(4):1273-9.
4. Hudson RJ, Henderson BT, Thomson IR, **Moon MC**, Peterson MD. Pharmacokinetics of Sufentanil in Patients Undergoing Coronary Artery Bypass Grafting. *J Cardiothorac Vasc Anesth*. 2001 Dec;15(6):693-9.
5. **Moon MC**, Del Rizzo DF, Abdoh A, Hamilton GA, Lindsay WG, Duke PC, Pascoe EA. Safety and Efficacy of Fast Track in Patients Undergoing Coronary Artery Bypass Surgery. *J Cardiac Surg*. 2001;16(4):319-26
6. Del Rizzo DF, Yurkova N, **Moon MC**, Litchie B, Zahradka P. Platelet Derived Growth Factor-induced expression of *c-fos* in human vascular smooth muscle cells from arterial and venous coronary artery bypass conduits: Potential implications for long-term graft patency. *Annals of Thoracic Surgery* 2002 Jul;74(1):90-5
7. Freed DH, **Moon MC**, Harding GEJ, Ahmed E, Tam JW, Pascoe EA. Nineteen Millimeter Prosthetic Aortic Valves Allow Normalization of Left Ventricular Mass in Elderly Females. *Annals of Thoracic Surgery* 2002 Dec;74(6):2022-5

8. Zahradka P, Yurkova N, Litchie B, **Moon MC**, Del Rizzo DF, Taylor CG. Activation of peroxisome proliferators-activated receptors alpha and gamma 1 inhibits human smooth muscle cell proliferation. *Molecular and Cellular Biochemistry*. 2003 Apr;246(1-2):105-10.
9. Freed DH, **Moon MC**, Borowiec A, Jones SC, Zahradka P, Dixon IMC. Cardiotrophin-1: Expression in Experimental Myocardial Infarction and Potential Role in Post-MI Wound Healing. *Molecular and Cellular Biochemistry*, 2003
10. **Moon MC**, Molnar K, Werner JP, Yau L, Del Rizzo DF, Voldeng J, Aitken R, Zahradka P. Perivascular Deliver of Therapeutic Compounds with Surgical Fibrin Glue: A novel approach for evaluating the efficacy of losartan in preventing neointimal hyperplasia following arterial injury. *J of Vascular Surgery* 2004
11. Junaid A, **Moon M**, Harding G, Zahradka P. Osteopontin Localizes to the Nucleus of 293 Cells and Associates with Polo-Like Kinase 1. *Am J Physiol Cell Physiol*, 2006
12. **Moon MC**, Morales JP, Greenberg RK. The Aortic Arch and Ascending Aorta – Are They Within the Endovascular Realm?. *Seminars of Vascular Surgery*. 2007 Jun;20(2):97-107.
13. **Moon MC**, Morales JP, Greenberg RK. Complicated Acute Type B Dissection and Endovascular Repair: Indications and Pitfalls *Perspect Vasc Surg Endovasc Ther*. 2007 Jun;19(2):146-59. Review.
14. **Moon MC**, Morales JP, Greenberg RK. The aortic arch and ascending aorta: are they within the endovascular realm? *Semin Vasc Surg*. 2007 Jun;20(2):97-107. Review. Erratum in: *Semin Vasc Surg*. 2007 Sep;20(3):195
15. Dowdall JF, **Moon MC**, Greenberg RK. Update on techniques and results of fenestrated stent-grafts for treatment of juxtarenal AAA. *Vascular Disease Management*. Jan/Feb 2008, Vol 5. No. 1
16. **Moon MC**, Dowdall JF, Roselli EE. The use of Right Ventricular Pacing to Faciliate Deployment

- of Stentgraft in the Aortic Arch. *J of Vascular Surgery*. 2008 Mar, 47(3): 629-31.
17. **Moon MC**, Yau L, Wright B, Zahradka P. Injury-induced expression of cytokeratins 8 and 18 by vascular smooth muscle cells requires concurrent activation of cytoskeletal and growth factor receptors. *Can J Physiol Pharmacol*. 2008 May;86(5):223-31
  18. Yau L, Molnar P, **Moon MC**, Buhay S, Werner JP, Molnar K, Saward L, Del Rizzo D, Zahradka P. Meta-Iodobenzylguanidine, an Inhibitor of Arginine-dependent Mono(ADP-ribosylation), prevents Neointimal Hyperplasia. *J Pharmacol Exp Ther*, 2008 Jun 3
  19. Dowdall JF, Greenberg RK, West K, **Moon M**, Lu Q, Francis C, Pfaff K. Separation of components in Fenestrated and Branched Endovascular Grafting – Branch Protection or a Potentially New Mode of Failure? *Eur J Vasc Endovasc Surg*. 2008 Apr 25
  20. Greenberg RK, Lu Q, Roselli EE, Svensson LG, **Moon MC**, Hernandez AV, Dowdall J, Cury M, Francis C, Pfaff K, Clair DG, Ouriel K, Lytle BW. Contemporary analysis of descending thoracic and thoracoabdominal aneurysm repair: A comparison of endovascular and open techniques. *Circulation* 2008 Aug 19;118(9):808-17
  21. Morales JP, Greenberg RK, Lu QS, Cury M, Hernandez AV, Mohabbat W, **Moon MC**, Morales CA, Bathurst S, Schoenhagen P. Endoleaks Following Thoracic Endovascular Aneurysm Repair – Etiology and Outcomes. *Journal of Endovascular Therapy*. Dec 2008
  22. Morales JP, **Moon MC**, Greenberg RK. Endovascular Management of Thoraco-Abdominal Aneurysms *Italian Journal of Vascular and Endovascular Surgery*.
  23. Fedorow CA, **Moon MC**, Mutch WA, Grocott HP. Lumbar cerebrospinal fluid drainage for thoracoabdominal aortic surgery: rationale and practical considerations for management. *Anesth Analg*. 2010 Jul;111(1):46-58
  24. Zhang L, Kumar K, Hiebert B, **Moon M**, Arora RC. Current myocardial infarction classification does not predict risks of early revascularization. *Ann Thorac Surg*. 2010 Aug;90(2):528-33

25. Mousavi N, Jassal DS, **Moon MC**, Shaikh N, Soni A. Thrombus in transit. *Can J Cardiol*. 2010 Mar;26(3): e133
26. Svensson LG, Batizy LH, Blackston EH, Gillinov AM, **Moon MC**, D'Agostino RS, Nadolny EM, Stewart WJ, Griffin BP, Hammer DF, Grimm R, Lytle BW. Results of matching valve and root repair to aortic valve and root pathology. *J Thorac Cardiovasc Surg*. 2011 Dec;142(6):1491-8.e7.Epub 2011 Jun 17
27. Moon MC, Greenberg RK, Morales JP, Martin Z, Lu Q, Dowdall JF. Computed tomography-based anatomic characterization of proximal aortic dissection with consideration for endovascular candidacy. *J Vasc Surg*. 2011 Apr; 53(4): 942-9, Epub 2011 Feb23
28. Kass M, Moon M, Vo M, Singal R, Ravandi A. Awake extracorporeal membrane oxygenation for very high-risk coronary angioplasty. *Can J Cardiol*. 2015 Feb;31(2):227.e11-3 Epub 2014 Nov 6.
29. Lodewyckx CL, White CW, Bay G, Hiebert B, Wu B, Barker M, Kirkpatrick I, Arora RC, Moon M, Pascoe E. Vocal Cord Paralysis After Thoracic Aortic Surgery: Incidence and Impact on Clinical Outcomes. *Ann Thorac Surg*. 2015 Jul;100(1):54-8. Epub 2015 Apr 15.
30. Peterson MD, Mazine A, El-Hamamsy I, Manlhiot C, Ouzounian M, MacArthur RG, Wood JR, Bozinovski J, Apoo J, Moon MC, Boodhwani M, Hassan A, Verma S, Dagenais F, Chu MW; Canadian Thoracic Aortic Collaborative Investigators. Knowledge, attitudes, and practice preferences of Canadian cardiac surgeons toward the management of acute type A aortic dissection. *J Thorac Cardiovasc Surg*. 2015 Oct;150(4):824-31.e1-5. Epub 2015 Jul 14.
31. Manji RA, Arora RC, Singal RK, Hiebert B, Moon MC, Freed DH, Menkis AH. Long-Term Outcome and Predictors of Noninstitutionalized Survival Subsequent to Prolonged Intensive Care Unit Stay After Cardiac Surgical Procedures. *Ann Thorac Surg*. 2016 Jan;101(1):56-63; discussion 63. Epub 2015 Oct 1.

32. Heimansohn D, Roselli EE, Thourani VH, Wang S, Voisine P, Ye J, Dabir R, Moon M. North American trial results at 1 year with the Sorin Freedom SOLO pericardial aortic valve. *Eur J Cardiothorac Surg*. 2016 Feb;49(2):493-9; discussion 499.
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34. Grocott HP, Ambrose E, Moon M. External carotid compression: a novel technique to improve cerebral perfusion during selective antegrade cerebral perfusion for aortic arch surgery. *Can J Anaesth*. 2016 Oct;63(10):1179-83
35. Trpkov C, Nath E, Moon M, Windram J, Graham MM. Fulminant Pneumococcal Pericarditis in a Previously Healthy Patient. *Can J Cardiol* 2017 Apr;33(4):555.e1-556e3
36. Kotha VK, Pozeg ZI, Herget EJ, Moon MC, Appoo JJ. Early Results of the PETTICOAT Technique for the Management of Acute Type A Aortic Dissection. *Aorta (Stamford)*. 2017 Aug 1;5(4):124-128
37. Bozso SJ, White A, Nagendran J, Moon MC, Chu MWA. Hybrid aortic arch and frozen elephant trunk reconstruction: bridging the gap between conventional and total endovascular arch repair. *Expert Rev Cardiovasc Ther*. 2018 Jan 18. doi: 10.1080/14779072.2018.1429913
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41. Bozso SJ, Nagendran J, MacArthur RGG, Chu MWA, Kiaii B, El-Hamamsy I, Cartier R, Shahriari A, Moon MC. Dissected Aorta Repair Through Stent Implantation trial: Canadian results. *J Thorac Cardiovasc Surg*. 2018 Oct 26. pii: S0022-5223(18)32828-9
42. S. Bozso, R. Basu, B. Adam, G. Oudit, D.H. Freed, Ja. Nagendran, MC Moon, Je. Nagendran. Characterization of Cellular Infiltrate in Bioprosthetic Aortic and Mitral Valves. *Circulation: Research* 2018; Submitted.
43. Bozso SJ, Nagendran J, Chu MWA, Kiaii B, El-Hamamsy I, Ouzounian M, Kempfert J, Starck C, Shahriari A, Moon MC. Single-Stage Management of Dynamic Malperfusion Utilizing a Novel Arch Remodeling Hybrid Graft. *Ann Thorac Surg*. 2019 Jun 26. pii: S0003-4975(19)30891-4. doi: 10.1016/j.athoracsur.2019.04.121
44. Bozso SJ, Kang JJH, Al-Adra D, Hong Y, Moon MC, Freed DH, Nagendran J, Nagendran J. Outcomes following bioprosthetic valve replacement in prior non-cardiac transplant recipients (Valve replacement in transplant recipients). *Clin Transpl. Clin Transplant*. 2019 Nov;33(11):e13720
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