

**University of British Columbia**  
**Curriculum Vitae for Faculty Members**

**Date:** 31 January 2022

**Verification Initial:**

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<b>1.</b>	<b>SURNAME:</b>	Wood	<b>FIRST NAME:</b>	David
			<b>MIDDLE NAME(S):</b>	Alexander

<b>2.</b>	<b>DEPARTMENT/SCHOOL:</b>	Medicine
<b>3.</b>	<b>FACULTY:</b>	Medicine
	<b>JOINT APPOINTMENTS:</b>	

<b>4.</b>	<b>PRESENT RANK:</b>	Clinical Professor of Medicine	<b>SINCE:</b>	July 1, 2017
		Clinical Associate Professor		Jul 1, 2013-June 30, 2017
		Clinical Assistant Professor		July 1, 2009-June 30, 2013

**5. POST-SECONDARY EDUCATION**

**(a)**

University or Institution	Degree	Subject Area	Dates
University of British Columbia	Doctor of Medicine	Medicine	1997/07/01-2001/06/30
University of British Columbia	B.Sc.	Zoology	1993/09/01-1997/06/30
University of Dundee		Certificate in Medical Education	2007/09/01 – 2009/06/30

**(b) Title of Dissertation and Name of Supervisor**

**(c) Continuing Education or Training**

University or Institution	Rank or Title	Dates
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January 31, 2022

University of British Columbia	Clinical Educator Fellowship	2007/07/01-2009/06/30
Lenox Hill Heart and Vascular Institute	Structural & Interventional Cardiology	2009/01/01-2009/06/30
St. Paul's Hospital	Structural & Interventional Cardiology	2008/07/01 – 2008/12/31
Vancouver General Hospital	Interventional Cardiology	2007/07/01 – 2008/06/30
University of British Columbia	Cardiology	2004/07/01-2007/06/30
University of British Columbia	Chief Cardiology Fellow	2006/07/01-2007/06/30
University of British Columbia	Internal Medicine	2001/07/01-2004/06/30
University of British Columbia	Chief Medical Resident	2003/07/01-2004/06/30

**(d) Continuing Medical Education**

**(e) Professional Qualifications**

1.	2016, Fellow, Canadian Cardiovascular Society (CCS)
2.	2015, Fellow, The Society for Cardiovascular Angiography and Interventions (SCAI)
3.	2014 Fellow, European Society of Cardiology (ESC)
4.	2014 Fellow, American College of Cardiology (ACC)
5.	2014 Fellow, Society of Cardiovascular Computed Tomography (SCCT)
6.	2012 Canadian Council on Animal Care (CCAC)
7.	2009 Cardiovascular Computed Tomography Angiography: Level 2 Certification
8.	2009 CBCCT Board Certified, Cardiovascular Computed Tomography
9.	2007 Fellow, Royal College of Physicians and Surgeons of Canada, Cardiology
10.	2005 Diplomate of the American Board of Internal Medicine
11.	2005 Fellow, Royal College of Physicians and Surgeons of Canada, Internal Medicine
12.	2002 LMCC Qualifying Examination Part II
13.	2001 LMCC Qualifying Examination Part I

**6. EMPLOYMENT RECORD**

**(a) Prior**

January 31, 2022

Wood, David

<b>University, Company or Organization</b>	<b>Rank or Title</b>	<b>Dates</b>
Western Vascular Society	Resident Director	2006/07/01 - 2006/12/31

**(b) Present**

<b>University, Company or Organization</b>	<b>Rank or Title</b>	<b>Dates</b>
Vancouver Coastal Health	Head, Division of Cardiology & Medical Director, Cardiology Sciences Program	2020/09/01-present
VCHRI Centre for Cardiovascular Innovation - Centre d'Innovation Cardiovasculaire (CCI-CIC)	Director	2019/11/01-present
Vancouver General Hospital	Director, Cardiac Catheterization Laboratory, Vancouver General Hospital	2017/07/01-present
University of British Columbia	Clinical Professor	2017/07/01-present
University of British Columbia	Clinical Associate Professor	2013/07/01-present
University of British Columbia	Clinical Assistant Professor	2009/07/01 – 2013/06/30
Vancouver General Hospital	Structural and Interventional Cardiology, Attending Cardiologist	2009-07/01 - present
St. Paul's Hospital	Structural and Interventional Cardiology, Attending Cardiologist	2009-07/01 - present
Cardiovascular Imaging Research Core Laboratory (CIRCL), University of British Columbia	Associate Director	2011-Present

**(c) At UBC (since first employment)**

**(d) Date of granting of tenure at UBC:**

**7. LEAVES OF ABSENCE**

## 8. TEACHING

### (a) Areas of special interest and accomplishments

David Wood was the Director of Undergraduate Cardiovascular Medical Education in the Division of Cardiology at the University of British Columbia from 2009-2014. He is affiliated with the Centre of Excellence for Surgical Education and Innovation and the Centre for Health Education Scholarship. He has received postgraduate training in medical education at the University of Dundee, Scotland.

Dr. Wood is involved with all aspects of undergraduate cardiovascular medical education administration and scholarship at UBC. He teaches and mentors medical students, residents, and sub-specialty fellows at all levels of training. His primary research interest involves the use of high-fidelity simulation to understand clinical decision making but he collaborates extensively on a wide variety of medical education topics both locally and internationally.

#### Other

1.	2010 - Present, Member, UBC Postgraduate Cardiology Program (PECC)/Residence Program Committee (RPC)
2.	2011 - 2014, Member, Curriculum Committee, UBC Undergraduate Cardiology Program
3.	2011 –2014, Member, PBL Virtual Patient Committee, University of British Columbia
4.	2011 - Present, Member, University of British Columbia Mentoring Program
5.	2010 - 2014, Cardiovascular Block Chair, Faculty of Medicine, University of British Columbia
6.	2010 - 2014, Student Promotions Committee, Faculty of Medicine, University of British Columbia
7.	2009 - 2014, Director, Undergraduate Medical Education, Cardiology, University of British Columbia
8.	2011 - Present, Judge, Heartfelt Images, University of British Columbia
9.	2010 – 2014, Member, Department of Medicine Education Task Force, University of British Columbia
10.	2009 - 2014, Member, Centre for Health Education Scholarship Committee (CHES)

### (b) Courses Taught at UBC: Teaching Dossier Attached

Year	Session (Spring, Fall etc)	Course Number	Description	Scheduled Hours	Class Size	Hours Taught			
						Lectu res	Tuto rials	Labs	Other
2006-2007	Fall, Winter, Spring	INDE 420	Clinical Skills	27					
2006-2007		MEDI 430	Oral Exam	2					
2006-2007		INDE 429	History & Physical	8					
2007-2008		INDE 410	Introductory Clinical Skills	1.5					
2007-2008		INDE 420	History & Physical	12					

2007-2008		MEDI 430	Oral Exam	1					
2008-2009		INDE 410	Introductory Clinical Skills	2					
2008-2009		MEDI 430	Oral Exam	6					
2009	Summer, July	Post-Graduate	Academic Half Day	4					
2009	Summer, August	Post-Graduate	Specialty Teaching	4					
2009	Summer, August	Post-Graduate	Journal Club	2					
2009-2010		MEDI 430	Small Group Cardiology	6					
2009-2010	Fall	MEDI 430	3 <sup>rd</sup> Year Oral Exam	1					
2009-2010	Fall, Winter, Spring	CTU Rotation, 3 <sup>rd</sup> Year Medical Students	Simulation CV Teaching with Harvey,	36					
2009-2010	Fall, Winter, Spring	3 <sup>rd</sup> Year Nov, Jan, March, May, June, July	Ambulatory Clinic	26					
2009-2010	Winter – Feb, Mar 2010	1 <sup>st</sup> year Medical Students	PBL	24					
2009-2010	Winter, Feb, 2010	3 <sup>rd</sup> Year Medical Students	Oral Physical Exam	6.5					
2009-2010	Winter, Mar, 2010	INDE 410	Cardiology Physical Exam	1					
2010	Winter, Jan, 2010	Post-Graduate	Cardiology Fellows	4					

2010	Winter, Mar, 2010	Post-Graduate	Cardiology, Academic Half Day	4					
March, 2010	Spring	Career Speakers Series	“Brown Bag Lunch”, Cardiology Speaker. UBC Medical Students	2					
2010	Spring, Summer, June, July, 2010	Post-Graduate	Cardiology Fellows	8					
2010-2011	Fall, Sept, 2010	Post-Graduate	Cardiology Academic Half Day “Transcatheter Interventions: Beyond 2010”	4					
2010-2011	Fall, Oct, 2010	Post-Graduate	Cardiology Academic Half Day, Procedures	4					
2010-2011	Fall, Oct, 2010	Post-Graduate	Cardiology Journal Club, UBC	4					
2011	Winter, Jan, 2011	Post-Graduate	UBC CTU Professors Rounds	2					
Feb, 2011	Winter	Career Speakers Series	“Brown Bag Lunch”, Cardiology Speaker. UBC Medical Students	2					
2010-2011	Fall, Winter, Spring	CTU Rotation, 3 <sup>rd</sup> Year Medical Students	Simulation CV Teaching with Harvey	36					
2010-2011	Winter, Feb 15, 2011	INDE 410	Full Class Lectures, Clinical Skills Program, Cardiac History Taking”, “Approach to Cardiac Physical Exam”	2					

2011	Winter, Mar, 2011	Post-Graduate	Internal Medicine Academic Half Day, "Common Valvular Heart Diseases"	4					
2011	May, 2011	Year 2 Written Exams	Invigilator, UBC Undergraduate Education, Faculty of Medicine	5					
2011-2012	Fall, Winter, Spring	CTU Rotation, 3 <sup>rd</sup> Year Medical Students	Simulation CV Teaching with Harvey	36					
2012	Winter, Feb, 2012	Year 1 MD/DMD Undergraduate Program, UBC	Introduction/Orientation, Cardiovascular Block	4					
2011-2012	Sept, 2011	Post-Graduate	Cardiology Academic Half Day	4					
2012	Winter, Feb 14, 2012	UBC INDE 410	Approach to Cardiac History Taking", Cardiovascular Block, Year 1 MD/DMD Undergraduate Program,	2					
2012	Winter, Feb, 2012	UBC, INDE 410	"Approach to Cardiac Physical Exam", Cardiovascular Block, Year 1 MD/DMD Undergraduate Program	2					
2012	Winter, Feb, 2012	Cardiovascular Block, Year 1 MD/DMD Undergraduate Program, UBC	"Introduction to ECG Interactive",	2					
2012	Winter, Feb, 2012	Careers Speakers Series Cardiology	"Brown Bag Lunch", UBC Medical Students, Life Sciences Centre Theatre	2					
2012	Winter, Mar 5-9, 2012	Year 1 MD/DMD Undergraduate Program, UBC	Week Chair/Case Manager, Cardiovascular Block	12					
2012	Winter, Mar 9, 2012	Year 1 MD/DMD Undergraduate Program, UBC	Case Wrap-Up, Cardiovascular Block	4					
2013	Feb 7, 2013	Postgraduate	OSCE Examiner						

2013	Winter, Feb, 2013	Cardiovascular Block, Year 1 MD/DMD Undergraduate Program, UBC	Introduction to CV Block						
2013	Winter, Feb, 2013	Cardiovascular Block, Year 1 MD/DMD Undergraduate Program, UBC	Approach to Cardiac History Taking & Approach to Cardiac Physical Exam						
2013	Winter, Feb, 2013	Cardiovascular Block, Year 1 MD/DMD Undergraduate Program, UBC	Introduction to ECG: Interactive						
2013	Winter, Feb 2013	Cardiovascular Block, Year 1 MD/DMD Undergraduate Program, UBC	ECG Workshop						
2013	Winter, March, 2013	Cardiovascular Block, Year 1 MD/DMD Undergraduate Program, UBC	Week Chair, Cardiac Structure and Consequences of Dysfunction						
2013	Winter, March, 2013	Cardiovascular Block, Year 1 MD/DMD Undergraduate Program, UBC	Cardiac Pathophysiology Case						
2013	Winter, March 2013	Cardiovascular Block, Year 1 MD/DMD Undergraduate Program, UBC	CV Case Wrap-up						
2012-2013	Fall, Winter, Spring	3 <sup>rd</sup> Year, Undergraduate	Ambulatory Clinic	4					
2013	March 6, 2013	Career Speakers Series Cardiology	"Brown Bag Lunch", UBC Medical Students, Life Sciences Centre Theatre						
2013	April 3, 2013	Post-Graduate	"Aortic Stenosis in 2013", Internal Medicine, Academic Half day, UBC, April 3, 2013.						
2013	Sept 19, 2013	Post-Grad Cardiology Program	"Complete and 3M TAVR"						
2013-2014	Fall, Winter, Spring	3 <sup>rd</sup> Year Undergraduate	Ambulatory Clinic	12					



2014	Feb 18, 2014	Year 1, Undergraduate	Cardiac History Taking and Physical Exam, INDE 410 Cardiac Lecture						
2014	Winter, Feb, 2014	Cardiovascular Block, Year 1 MD/DMD Undergraduate Program, UBC	Introduction to CV Block						
2014	Winter, Feb, 2014	Cardiovascular Block, Year 1 MD/DMD Undergraduate Program, UBC	ECG Workshop						
2014	Winter, Mar, 2014	Cardiovascular Block, Year 1 MD/DMD Undergraduate Program, UBC	Case Wrap-Up						
2014	March 4, 2014	Career Speakers Series Cardiology	“Brown Bag Lunch”, UBC Medical Students, Life Sciences Centre Theatre						
2015	Feb 17, 2015	Year 1, Undergraduate s	Cardiac History Taking & Physical Exam, INDE 410, Cardiac Lecture						
2015	May, 2015	Postgraduate Cardiology Fellows	Write OSCE Practice Exam						
2016	Sept 28, 2016	4 <sup>th</sup> Year Ambulatory Elective	Ambulatory Clinic						
2016	Nov 2, 2016	4 <sup>th</sup> Year Ambulatory Elective	Ambulatory Clinic						
2016	Dec 7, 2016	4 <sup>th</sup> Year Ambulatory Elective	Ambulatory Clinic						
2017	April, 2017	Mini CEX Evaluations, Internal Medicine Resident(s)							
2017	Jan-Dec	1 <sup>st</sup> -4 <sup>th</sup> Year Shadowing	Cardiac Cath Lab						
2017	Oct 17, 2017	Postgraduate Cardiology Fellows	Cath Lab Teaching						

2019	July 9, 2019	Postgraduate Cardiology Fellows	Cath Lab Teaching						
2019	July 11, 2019	Postgraduate Radiology Fellows							

**(c) Students supervised:**

Student Name	Program Type	Program Details	Year		Supervisory Role	Current Position/Awards
			Start	Finish		
Isabel Kim	UBC Cardiology	Multiple Cardiology Projects	2019	Ongoing	Primary	Cardiology Fellow, UBC
Madeleine Barker	UBC Cardiology	Multiple Structural Cardiology Projects	2019	Ongoing	Primary	Cardiology Fellow, UBC
Fiona Majendie	UBC Undergraduate Student	3M TAVR	2017	2018	Primary	UBC Medical Student
Madeleine Barker	UBC Medical Student	3M TAVR	2015	2017	Primary	Internal Medicine Residency
Amelia Yip	UBC Cardiology Fellow	Longitudinal Clinic	2012	2015	Primary	Attending, St. Mary's Hospital, Kitchener, Ontario
James McKinney	UBC Cardiology Fellow	Harvey Simulator	2011	2013	Primary	Attending, Division of Cardiology, UBC
Ammar Chaudary	UBC Cardiology Fellow	Longitudinal Clinic	2010	2012	Primary	
Nazanin Zuri	Masters, Department of Surgery	Research Assistant, CESEI	2012	2014	Supervise master thesis	
Rohan Poulter	UBC Interventional Cardiology Fellow	Multiple Interventional Cardiology Projects	2010	2012	Primary	Attending, Nambour Hospital, Australia

**(f) Other**

1.	2009-Present, CCU Attending – Rounds with Cardiology Fellows/Medical Residents
2.	2009-Present, Cardiac Cath Lab, Supervision Interventional Cardiology Fellows

3.	2010-Present, Longitudinal Clinic, Postgraduate Cardiology Residents
4.	2009-Present, Medical Students “Shadowing” in Cardiac Cath Lab
5.	2010, Core Resident Research Rotation – McKinney, James, R2, Harvey Simulator, March, 2010
6.	2010-Present, 3 <sup>rd</sup> Year Medical Students, Ambulatory Clinic
7.	2013, Moderator, University of British Columbia Resident Research Day, May 22, 2013
8.	2014, Moderator, University of British Columbia Resident Research Day, May 21, 2014

## 9. SCHOLARLY AND PROFESSIONAL ACTIVITIES

### (a) Areas of special interest and accomplishments

Dr. David Wood is a Professor of Medicine and the Director of both the Centre for Cardiovascular Innovation (CCI) and the Cardiac Catheterization Laboratory at the University of British Columbia. He is a co-founding member of the Centre for Heart Valve Innovation (CHVI). Dr. Wood is the President of the Canadian Association of Interventional Cardiology (CAIC-ACCI). He is the Course Director for the annual I2C Structural Meeting and the Emerging Cardiovascular Leaders Conference. He received the Luminary Award at the recent C3 Global Summit. In 2019 he created a new 2-day national meeting, the CAIC-ACCI Summit, an open Canadian forum to discuss controversies in complex coronary and structural heart disease interventions with a target audience that includes any physician or surgeon with an interest in minimally invasive cardiovascular therapies.

Dr. Wood works as a structural and interventional cardiologist at St. Paul’s and Vancouver General Hospital. He obtained subspecialty training at Lenox Hill Heart and Vascular Institute of New York. His primary research interests include transcatheter management of structural and valvular heart disease, new device development, novel strategies for treating ACS, and advanced cardiac imaging. Dr. Wood has participated in over 50 live-cases and 20 first-in-human cases. He has co-authored over 150 publications. In 2019 he published the 3M TAVR Study (JACC CVI) and the SAFE MANTA Study (Circ CVI) and was co-principal investigator of the CIHR funded COMPLETE trial (4,041 patients, 140 centres, 31 countries) that was presented as Late Breaking Science at both ESC 2019 and TCT 2019 with simultaneous publication in NEJM and JACC. He recently secured funding for FACILITATED TAVR (n = 500, 15 sites), designed to evaluate an expedited strategy for managing symptomatic inpatients with AS, and COMPLETE TAVR (n = 3000, 75 sites), an international RCT that will determine the optimal strategy for managing concomitant CAD in patients with symptomatic AS.

### (b)+(c) Research or equivalent grants/contracts (indicate under COMP whether grants were obtained competitively (C) or non-competitively (NC))

Granting Agency	Subject	COMP	Amount	Year	Principal Investigator	Co-Investigator(s)
1) Edwards Lifesciences	A Randomized, Comparative Effectiveness Study of Staged Complete Revascularization with Percutaneous Coronary Intervention to Treat Coronary Artery Disease vs Medical Management Alone in Patients with Symptomatic Aortic Valve Stenosis undergoing Elective Transfemoral Transcatheter Aortic Valve Replacement:	1) No	25 million	2021-2026	Dr. D.A. Wood	Dr. J. Webb Dr. J. Leipsic Dr. S. Lauck Dr. J. Sathananthan Dr. G.B.J. Mancini Dr. J.A. Cairns
2) CIHR application in progress		2) Yes				

	The COMPLETE TAVR Study ( <b>COMPLETE TAVR</b> )					
No Funding	Comparative Clinical Outcomes of Redo Mitral Valve Replacment vs Transcatheter Mitral Valve-in-Valve for Failed Tissue Valves ( <b>MVR vs VIV</b> )	No	N/A	2021-2023	Dr. J. Ye	Dr. J. Webb, Dr. S. Lauck, Dr. D.A. Wood, Dr. A. Cheung
No Funding	CT evaluation before & after transcatheter aortic valve-in-valve implantations: A comparison between predicted versus realized dimensions and coronary re-access ( <b>CT VinV</b> )	No	N/A	2021-2021	Dr. J. Webb	Dr. J. Leipsic, Dr. D.A. Wood, Dr. J. Sathananthan, Dr. P. Blanke, Dr. M. Chuang
Edwards Lifesciences	SAPIEN 3 Ultra System Post-Market Clinical Follow-up Study ( <b>ULTRA POST MARKET</b> )	No	N/A	2020-2027	Dr. J. Webb	Dr. D.A. Wood Dr. R. Moss Dr. J. Ye
American Heart Association	Women's Heart Attack Research Program ( <b>HARP</b> )	Yes	N/A	2020-2023	Dr. T. Sedlak	Dr. D.A. Wood Dr. J. Saw Dr. A.Y. Fung
Abbott Medical	AMPLATZER PFO Occluder Post Approval Study ( <b>AMPLATZER PFO</b> )	No	N/A	2019-2025	Dr. D.A. Wood	Dr. P. Teal
Shockwave Medical	Assessment of provisional intravascular lithotripsy to facilitate transfemoral transcatheter aortic valve replacement ( <b>Shockwave</b> )	Yes	N/A	2019-2020	Dr. J. Webb	Dr. M. Hensey, Dr. D.A. Wood, Dr. U. Landes, Dr. J. Sathananthan, Dr. P. Blanke, Dr. A. Cheung

Edwards Lifesciences	The PARTNER 3 Aortic Valve-in-Valve Trial: A Prospective, Single-Arm, Multicenter Study to Investigate the Safety and Effectiveness of SAPIEN 3 Transcatheter Heart Valve Implantation in Patients with a Failing Aortic Bioprosthetic Valve ( <b>PARTNER 3A VinV</b> )	Yes	N/A	2018-2030	Dr. J. Webb	Dr. J. Ye, Dr. R. Cook, Dr. A. Cheung, Dr. D.A. Wood
Edwards Lifesciences	PARTNER 3 Trial – Mitral Valve-in-Valve a Prospective, Single-Arm, Multicenter Study to Investigate the Safety and Effectiveness of SAPIEN 3 Transcatheter Heart Valve Implantation in Patients with a Failing Mitral Bioprosthetic Valve ( <b>P3 M V in V</b> )	Yes	N/A	2018-2029	Dr. J. Webb	Dr. J. Ye, Dr. A. Cheung, Dr. D.A. Wood
National Institute of Health	Randomized Trial of Hybrid Coronary Revascularization versus Percutaneous Coronary Intervention ( <b>HYBRID</b> )	Yes	N/A	2018-2027	Dr. R. Cook	Dr. D.A. Wood Dr. J. Saw Dr. A.Y. Fung
Edwards Lifesciences	A Prospective, Single-Arm, Multicenter Study of the SAPIEN 3 Ultra System in Intermediate Risk Patients with Severe, Calcific, Aortic Stenosis Requiring Aortic Valve Replacement ( <b>SAPIEN 3 Ultra</b> )	No	N/A	2018-2024	Dr. J. Webb	Dr. D.A. Wood
Boston Scientific	Project to look for early discharge in patients undergoing TAVI with ACURATE International Multi-center Early Discharge TAVI Program ( <b>POLESTAR</b> )	No	N/A	2019-2021	Dr. D.A. Wood	Dr. J. Webb

Essential Medical	Post-Market Clinical Registry to Evaluate the Safety and Performance of MANTA Vascular Closure Device under Real World Conditions in the EU ( <b>MARVEL</b> )	No	N/A	2018-2021	Dr. D.A. Wood	Dr. J. Webb
DalCor Pharma UK Ltd	A phase III, double-blind, randomized, placebo controlled study to evaluate the effects of dalcetrapib on cardiovascular risk in a genetically defined population with a recent Acute Coronary Syndrome ( <b>Dal-GenE</b> )	No	N/A	2016-2022	Dr. A.Y. Fung	Dr. D.A. Wood Dr. K. Gin Dr. T. Sedlak Dr. S. Virani Dr. G. Wong Dr. J. Saw Dr. M. Bennett
CSLB Behring	A Phase 3, Multicenter, double-blind, Randomized, Placebo-controlled, Parallel-group Study to Investigate the Efficacy and Safety of CSL 112 in Subjects with Acute Coronary Syndrome ( <b>AEGIS II</b> )	No	N/A	2018-2021	Dr. C. Fordyce	Dr. D.A. Wood Dr. G. Wong
Heart & Stroke Foundation of Canada (HSFC), Grant-in-Aid	Safe Transition Home after Transcatheter Aortic Valve Implantation – Feasibility Study ( <b>START</b> )	Yes	\$278,117	2019-2022	Dr. S. Lauck	Dr. J.G. Webb Dr. D.A. Wood Dr. J. Sathananthan Dr. K. Humphries Dr. H. Wijeyesundera Dr. A. Asgar Dr. R. Welsh Dr. J. Baumbusch Dr. S. Carroll Dr. K. Goldie Dr. D. Murdoch
Heart & Stroke Foundation of Canada (HSFC), Grant-in-Aid	Identifying Predictors of Cumulative Health Care Costs Associated with Trans-catheter Aortic Valve Implantation in Severe Aortic Stenosis: an Inter-Provincial Evaluation	Yes	\$174,773	2018-2021	Dr. H. Wijeyesundera	Dr. D. Wood Dr. P. Austin Dr. D. Ko Dr. M. Krahn Dr. J. Webb Dr. S. Lauck Dr. K. Humphries Dr. A. Czarnecki

BioSensors International	Leaders Free II – A Prospective Study of the Biofreedomtm Biolimus A9TM Drug Coated Stent in Patients at High Risk for Bleeding ( <b>LEADERS FREE</b> )	No	N/A	2017-2021	Dr. R. Carere	Dr. D.A. Wood Dr. J. Webb Dr. E. Aymong Dr. R. Boone
Boston Scientific	Transcatheter Replacement of Stenotic Aortic Valve through Implantation of ACURATE in Subjects InDicatEd for TAVR ACURATE ( <b>ACURATE IDE</b> )	No	N/A	2019	Dr. J. Webb	Dr. D.A. Wood
No Funding	Changes in patient-reported outcomes after transcatheter aortic valve replacement ( <b>PRO TAVI</b> )	No	N/A	2018	Dr. Sandra Lauck	Dr. J. Webb, Jennifer Baumbusch, Dr. D.A. Wood, Dr. A. Della Siega, Dr. A. Chan, Dr. K. Humphries
Population Health Research Institute (PHRI)	<b>CLEAR SYNERGY:</b> A randomized controlled trial of CoLchicine and spironolactone in patients with ST elevation myocardial infarction/SYNERGY Stent Registry	Yes	N/A	2018	Dr. Sanjit Jolly	Dr. D. Wood
Cardiovascular Research Foundation	<b>TAVR UNLOAD Trial:</b> Transcatheter Aortic Valve Replacement to Unload the Left Ventricle in Patients with Advanced Heart Failure: A Randomized Trial (TAVR UNLOAD)	Yes	N/A	2017	Dr. Philippe Pibarot	Dr. D. Wood
Essential Medical	<b>MANTA:</b> Clinical Study to Evaluate the Safety and Performance of MANTA Vascular Closure Device Trial.	No	N/A	2016-2018	<b>Dr. David Wood</b> Dr. Z. Krajcer	Dr. J. Webb Dr. V. Ramaiah Dr. I. Ben-Dor Dr. T. Feldman Dr. A. Sampson Dr. M. Eng Dr. D. Cox Dr. C. Metzger
Abbott (St. Jude Medical)	<b>SAFE TAVR:</b> Safety and Feasibility of Early Discharge Using the Portico Self-Expanding Prosthesis for Transfemoral transcatheter Aortic Valve Replacement	Yes	\$1,400,000	2018-2022	<b>Dr. David Wood</b>	Dr. John Webb Dr. J. Leipsic Dr. S. Lauck

Edwards LifeSciences	<b>PARTNER 3:</b> A Prospective, Randomized, Controlled, Multi-Center Study to Establish the Safety and Effectiveness of the SAPIEN 3 Transcatheter Heart Valve in Low Risk Patients who have Severe, Calcific, Aortic Stenosis Requiring Aortic Valve Replacement	No	N/A	2016-2024	Dr. J. Webb	<b>Dr. D. Wood, Dr. J. Ye</b>
Bayer Healthcare	<b>GALILEO:</b> Global multicenter, open-label, randomized, event-driven, active-controlled study comparing a rivaroxaban-based antithrombotic strategy to an antiplatelet-based strategy after transcatheter aortic valve replacement (TAVR) to optimize clinical outcomes	No	N/A	2016-2021	Dr. J. Webb	<b>Dr. D. Wood, Dr. K. Ramanathan</b>
Medtronic of Canada	<b>FORWARD</b> CoreValve Evolut RTM FORWARD Study	No	N/A	2016-2021	Dr. J. Webb	<b>Dr. D. Wood</b>
Heart & Stroke Foundation of Canada	Improving Triage and Informing Capacity Needs for Patients with Severe Aortic Stenosis undergoing Transcatheter Aortic Valve Implantation (TAVI): a Pan-Canadian Evaluation	Yes	\$204,600.00 Grant-in-Aid	2016-2019	Dr. H. Wijeyesundera	A. Asgar P. Austin K. Bainey J. Hoch M. Knudtson D. Ko S. Lauck S. Nadeem M. Pelletier B. Potter J. Rhodes-Cabau J. Tu J. Webb W. Wong <b>D. Wood</b>
Edwards Lifesciences	<b>3M TAVR Trial:</b> The Multidisciplinary, Multimodality, but Minimalist (3M) Approach to Transfemoral Transcatheter Aortic Valve Replacement (TAVR) Trial.	Yes	\$1,200,000	2014-2017	<b>Dr. David Wood,</b> Dr. John Webb	J. Velieanou M. Natarajan M. Leon S. Kodali J. Masson D. Cohen H. Wijeyesundera S. Radhakishnan P. Genereux D. Palisaitis C. Buller M. Peterson F. Alqoofi R. Welsh B. Tyrell



						R. Makkar M. Nakamura E. Horlick A. Asgar
Canadian Institute Health Research, CANNeCTIN	<b>COMPLETE Trial:</b> A Randomized, comparative effectiveness study of complete versus culprit-only revascularization strategies to treat multi-vessel disease after primary percutaneous coronary intervention for ST-segment elevation myocardial infarction.	Yes	\$1,000,000 \$150,000	2014-2019	<b>Dr. David Wood,</b> Dr. Shamir Mehta, Dr. John Cairns	K. Baineey, S. Jolly, J. Tanguay, W. Cantor, A. Lamy, R. Welsh, A. Cheema, S. Lavi, R. Whitlock, V. Dzavik, M. Natarajan
Edwards Lifesciences	<b>SPACER:</b> Repair of Tricuspid Valve Regurgitation using the Edwards FORMA TricuSPid TrAnsCatheter REpaiR System.	No	N/A	2015-2020	Dr. J. Webb	<b>Dr. D. Wood,</b> Dr. R. Moss, Dr. J. Ye
BIORest	<b>BLADE-PCI:</b> Biorest Lipsomal Alendronate administration for diabetic patients undergoing drug-eluting stent percutaneous coronary intervention trial	No	N/A	2016-2018	<b>Dr. D. Wood</b>	Dr. J. Saw, Dr. A. Fung
Edwards Lifesciences	<b>Primary CTA vs CA Prior to TAVI:</b> Primary Non-invasive Cardiac Computed Tomography versus Routine Invasive Angiography prior to TAVI: A Randomized Controlled Pilot Trial	No	N/A	2016-2019	Dr. J. Leipsic	<b>Dr. D. Wood,</b> Dr. J. Webb, Dr. M. Riahi, Dr. K. Humphries
VGH & UBC Hospital Foundation, SPH Hospital Foundation, Amgen Inc, Merck & Co Inc, Sanofi-Aventis Canada, Heart & Stroke Foundation of BC & Yukon	<b>SAVE BC:</b> Study to Avoid Cardiovascular Events in BC	No	N/A	2015-2019	Dr. Simon Pimstone, Dr. Liam Brunham	<b>Dr. D. Wood,</b> Dr. G. Francis, Dr. J. Leipsic, Dr. B. McManus, Dr. K. Humphries, Dr. A. Krahn, Dr. G.B.J. Mancini, Dr. G. Wong.

Canadian Institute Health Research	<b>TAVI AWAKE:</b> Awake During Surgery: Relational Ethics in the Operating Room.	Yes	\$99,916	2015-2017	Jennifer Baumbusch	<b>Dr. D. Wood</b> J. Gibson S. Lauck P. Rodney Dr. J. Webb
Montreal Heart Institute	<b>COLCOT:</b> Colchicine Cardiovascular Outcomes Trial	N/A	N/A	2015-2020	Dr. A.Y. Fung	<b>Dr. D. Wood, Dr. K. Gin, Dr. T. Sedlak, Dr. S. Virani, Dr. G. Wong, Dr. J. Saw, Dr. M. Bennett</b>
Canadian Institutes of Health Research (CIHR)	<b>VELETI II:</b> Sealing Moderate Coronary Saphenous Vein Graft Lesions with Paclitaxel-Eluting Stents as a New Approach to Maintaining Vein Graft Patency and Reducing Cardiac Events	Yes	N/A	2011-2018	<b>Dr. D. Wood</b>	Dr. J. Hamburger, Dr. J. Saw, Dr. A.Y. Fung
Boston Scientific	<b>REPRISE III:</b> Repositionable Percutaneous Replacement of Stenotic Aortic valve through Implantation of Lotus Valve System	No	N/A	2014-2020	Dr. J. Webb	<b>Dr. D. Wood, Dr. B. Munt</b>
Abbott Vascular	<b>COAPT:</b> Cardiovascular Outcomes Assessment of the MitraClip Percutaneous Therapy for Heart Failure Patients with Functional Mitral Regurgitation	No	N/A	2014-2020	Dr. R. Boone	<b>Dr. D. Wood, Dr. J. Webb, Dr. B. Munt, Dr. R. Moss, Dr. J. Ye, Dr. R. Cook, Dr. M. Toma, Dr. A. Cheung, Dr. A. Ignaszewski</b>
St. Jude Medical Inc.	<b>PORTICO I:</b> International long-term follow-up study of patients implanted with a PROTICO valve	No	N/A	2014-2019	Dr. J. Webb	<b>Dr. D. Wood, Dr. A. Cheung</b>
UBC Division of Cardiology	<b>SAFER-SCAD:</b> The effects of statin and angiotensin-converting enzyme inhibitor on coronary flow reserve, index of microcirculatory resistance, and symptoms in patients with spontaneous coronary artery dissection	N/A	N/A	2014-2016	Dr. T. Sedlak	<b>Dr. D. Wood, Dr. E. Aymong, Dr. J. Saw, Dr. A.Y. Fung, Dr. G.B.J. Mancini, Dr. K. Humphries</b>

Mayo Clinic	<b>TAILOR-PCI:</b> Tailored Antiplatelet Initiation to Lesson Outcomes Due to Decreased Clopidogrel Response after Percutaneous Coronary Intervention	N/A	N/A	2014-2016	Dr. J. Saw	<b>Dr. D. Wood,</b> Dr. G. Wong, Dr. A.Y. Fung
W.L. Gore and Associates Inc.	<b>REDUCE:</b> GORE Septal Occluder and Antiplatelet Medical management for Reduction of Recurrent Stroke or Imaging-Confirmed TIA in Patients with Patent Foramen Ovale (PFO).	No	N/A	2013-2018	Dr. P. Teal	<b>Dr. D. Wood,</b> Dr. O. Benavente, Dr. T. Field, Dr. L. Wilson, Dr. C. Murphy, Dr. S. Yip, Dr. J. Saw, Dr. S. Mann
Edwards Lifesciences	<b>SAPIEN 3:</b> Safety and Performance Study of the Edwards SAPIEN 3 Transcatheter Heart Valve.	No	N/A	2013-2018	Dr. J. Webb	<b>Dr. D. Wood,</b> Dr. B. Munt, Dr. D. Johnston, Dr. J. Ye, Dr. R. Boone, Dr. A. Cheung
Cardiac Services BC	<b>FFR SELECT:</b> A Randomized Comparative Effectiveness Study of Routine versus Selective Use of Fractional Flow Reserve (FFR) to Guide Non-Emergent Percutaneous Coronary Intervention (PCI)	N/A	N/A	2013-2016	Dr. A.Y. Fung	<b>Dr. D. Wood,</b> Dr. J. Webb, Dr. R. Carere, Dr. C. Thompson, Dr. E. Aymong, Dr. R. Boone, Dr. A. Della Siega, Dr. A. Chan
Royal College of Physicians and Surgeons of Canada	<b>ECG Learning Curves:</b> Assessment for Learning: Examining the use of learning for ECG interpretation	Yes	N/A	2013-2016	Dr. R. Hatala	<b>Dr. D. Wood,</b> Dr. J. Tang, Dr. M. Pusic
Johnson and Johnson	<b>PIONEER AF-PCI:</b> An Open-Label, Randomized, Controlled, Multicenter Study Exploring Two Treatment Strategies of Rivaroxaban and a Dose-Adjusted Vitamin K Antagonist Treatment Strategy in Subjects with Atrial Fibrillation who undergo Percutaneous Coronary Intervention.	No	N/A	2013-2016	Dr. K. Gin	<b>Dr. D. Wood,</b> Dr. J. Jue, Dr. K. Ramanathan, Dr. G. Wong, Dr. J. Saw, Dr. A.Y. Fung
National Institute of Health	<b>ISCHEMIA:</b> International Study of Comparative Health Effectiveness with Medical and Invasive Approaches	N/A	N/A	2012-2020	Dr. G. Wong	<b>Dr. D. Wood,</b> Dr. R. Cook, Dr. T. Sedlak, Dr. M. Janusz, Dr. K. Ramanathan, Dr. S. Virani, Dr. J. Saw, Dr. P. Skarsgard, Dr. A.

						Fung
Edwards Lifesciences	<b>PARTNER IIA:</b> Placement of Aortic Transcatheter Valves Trial II	No	N/A	2012-2018	Dr. J. Webb	<b>Dr. D. Wood, Dr. B. Munt, Dr. D. Johnston, Dr. J. Leipsic, Dr. J. Ye, Dr. A. Cheung</b>
Amarin Pharma Inc	<b>REDUCE-IT:</b> Multi-Center, Prospective, Randomized, Double-Blind, Placebo-Controlled, Parallel-Group Study to Evaluate the Effect of AMR101 on Cardiovascular health and Mortality in Hypertriglyceridemic Patients with Cardiovascular Disease.	No	N/A	2012-2017	Dr. G. Wong	<b>Dr. D. Wood, Dr. J. Jue, Dr. P.K. Lee, Dr. K. Gin, Dr. V.F. Huckell, Dr. K. Ramanathan, Dr. S. Virani, Dr. J. Saw, Dr. P. Nair, Dr. A. Fung, Dr. G.B.J. Mancini, Dr. M.T. Bennett</b>
The Medicines Co.	<b>BRAVO 2/3:</b> Effect of Bivalirudin on aortic valve intervention outcomes	No	N/A	2012-2015	Dr. J. Webb	<b>Dr. D. Wood, Dr. R. Boone</b>
Edwards Lifesciences	<b>PROTAVI-C:</b> Prospective Outcome Study in Patients Undergoing	No	N/A	2012-2013	Dr. J. Webb	<b>Dr. D. Wood, Dr. D. Johnston, Dr. J. Leipsic, Dr. J. Ye, Dr. A. Cheung</b>
VGH Cardiovascular Research Fund, Canadian Association of Radiology, VGH Department of Radiology	<b>VALDECT:</b> Validation of Dual Energy Cardiac CT Perfusion Imaging in an Animal Model: Correlation with Invasive Assessment Of Coronary Flow	Yes	\$20,000 \$7500 \$7500	2012	Dr. J. Mayo	<b>Dr. D. Wood</b>
No Funding	<b>ECG for Medical Students:</b> The role of dual-reasoning strategies for learning ECG interpretation	N/A	N/A	2012	Dr. R. Hatala	<b>Dr. D. Wood, Dr. K. Eva, Dr. C. Courneya</b>

No Funding	<b>MusiCT Study:</b> The Effect of Music Therapy During the Performance of Cardiac CT	No	No	2011-2012	<b>Dr. D. Wood</b>	Dr. R. Poulter, Dr. S. Nicolaou, Dr. J. Leipsic, Dr. J. Mayo, Dr. J. Saw, Dr. A.Y. Fung
AngioScore Inc.	<b>ANGIOSCORE:</b> Treatment of Critical Aortic Valve Stenosis Using a Novel Valvuloplasty Scoring Balloon Catheter: a First-in-Man Study	N/A	N/A	2011-2013	Dr. J. Webb	<b>Dr. D. Wood,</b> Dr. J. Ye, Dr. R. Carere, Dr. R. Boone, Dr. A. Cheung
VGH Division of Cardiology Research Fund	<b>FFR STUDY:</b> Fraction Flow Reserve Stability of Non-culprit Vessels in Patients with ST Elevation Myocardial Infarction	Yes	\$25,000	2010 - 2011	<b>Dr. D. Wood</b>	Dr. Graham Wong Dr. Robert Boone Dr. John Cairns Dr. John Mancini Dr. Karin Humphries
Medtronic	<b>TOTAL:</b> A randomized trial of routine aspiration thrombectomy with PCI versus PCI alone in patients with STEMI undergoing primary PCI	N/A	N/A	2010-2013	Dr. A.Y. Fung	<b>Dr. D. Wood,</b> Dr. M. Lempereur, Dr. J. Webb, Dr. R. Carere, Dr. E. Aymong, Dr. R. Boone, Dr. J. Hamburger, Dr. J. Saw
AstraZeneca Canada Inc.	<b>PEGASUS-TIMI 54:</b> A randomized, double-blind, placebo-controlled, parallel group, multinational trial, to assess the prevention of thrombotic events with Ticagrelor compared to placebo on the background of ASA therapy in patients with history of myocardial infarction.	No	N/A	2010-2012	Dr. J. Saw	<b>Dr. D. Wood,</b> Dr. J. Jue, Dr. D. Ricci, Dr. P.K. Lee, Dr. K. Gin, Dr. V.F. Huckell, Dr. K. Ramanathan, Dr. S. Virani, Dr. S. Isserow, Dr. G. Wong, Dr. J. Hamburger, Dr. P. Nair, Dr. A.Y. Fung
AGA Medical Corporation	<b>RESPECT:</b> The Randomized Evaluation of Recurrent Stroke comparing PFO Closure to Established Current Standard of Care Treatment	No	N/A	2009-2017	Dr. P. Teal	<b>Dr. D. Wood,</b> Dr. O Benavente, Dr. C. Murphy, Dr. S. Yip, Dr. J. Saw
St. Paul's Hospital Interventional Cardiology Research	<b>Acquired vWF and Hemolysis:</b> The Impact of Transcatheter Aortic Valve Implantation on Acquired von Willebrand Syndrome and Hemolysis	N/A	N/A	2009-2011	Dr. J. Webb	<b>Dr. D. Wood,</b> Dr. S. Toggweiler, Dr. R. Gurvitch, Dr. R. Boone, Dr. A. Willson, Dr. L. Vickars

GlaxoSmith Kline	<b>STABILITY:</b> A clinical outcomes study of darapladib vs placebo on subjects with chronic coronary heart disease to compare the incidence of major cardiovascular events.	No	N/A	2008-2013	Dr. G. Wong	<b>Dr. D. Wood</b> , Dr. D. Wood, Dr. J. Jue, Dr. D. Ricci, Dr. P.K. Lee, Dr. K. Gin, Dr. K. Ramanathan, Dr. S. Virani, Dr. S. Isserow, Dr. J. Hamburger, Dr. J. Saw, Dr. P. Nair, Dr. A. Fung.
Edwards Lifesciences	<b>PARTNER:</b> Placement of Aortic Transcatheter Valves Trial	N/A	N/A	2007-2013	Dr. J. Webb	<b>Dr. D. Wood</b> , Dr. B. Munt, Dr. R. Moss, Dr. F. Nietlispach, Dr. J. Ye, Dr. J. Bashir, Dr. R. Carere, Dr. C. Thompson, Dr. E. Aymong, Dr. R. Gurvitch, Dr. N. Wijesinghe, Dr. S. Lichtenstein, Dr. J. Abel, Dr. H. Ling, Dr. A. Cheung
National Institute of Health	<b>CORAL:</b> Cardiovascular Outcomes in Renal Atherosclerotic Lesions: A Prospective, Multi-Centre, Unblinded, Two-Arm Randomized Trial	N/A	N/A	2005-2014	<b>Dr. D. Wood</b>	Dr. D. Ricci, Dr. K. Ramanathan, Dr. N. Zalunardo, Dr. J. Saw, Dr. A.Y. Fung

Interpreter

#### (d) Invited Presentations

1.	“Structural Heart Disease Interventions: Success, Challenges and Future” Keynote Lecture, ARCH, April 21, 2022
2.	“Coronary Complications & Access: COMPLETE TAVR-Update and Participation in the Canadian Staged PCI Hemodynamic Study” Edwards Canada TAVI Annual Forum, Vancouver, March 28, 2022.
3.	“Monitoring Acute and long-Term Valve Performance: DISCORDANCE”. Edwards Canada TAVI Annual Forum, Vancouver, March 28, 2022
4.	“Severe Aortic Stenosis: Stratifying Patients for Lifetime Management” Transcatheter Interventions Online, March 25, 2022
5.	“How Are We Handling TAVI Patient Journey from Admission to Discharge?” TCT Asia Pacific, Korea, March 8, 2022
6.	“Transcatheter Replacement Provides the Best of Both Worlds”, Heart Valve Society Meeting, Miami, March 3, 2022
7.	“Unresolved Questions in Structural Heart Disease”, 4TS Conference 2022- Digital, Dubai, Feb 11, 2022
8.	“Optimising TAVI Results in Patients with Small Aortic Annuli” Gulf PCR, Dubai, Dec 15, 2021.
9.	“Lifetime Management of Severe AS and when/if to perform repeat TAVI”. Innovation in Cardiovascular Interventions (ICI) 2021, Tel Aviv, December 5-7, 2021.
10.	“What Matters in the long-term? Transcatheter Heart Valve Durability and Physiological Performance”. PCR London Valves, London, Nov 22, 2021.
11.	Late-Breaking Trial: Standardised Invasive Hemodynamics Monitors Acute and Long-Term Valve Performance: DISCORDANCE TAVR, PCR London Valves, London, Nov 21, 2021.

12.	"Prosthetic Valve Selection and Implant Techniques for Prevention of PPM/High Residual Gradients Following SAVR, TAVR or Valve-in-Valve, TCT, Orlando, Nov 6, 2021
13.	Discussant, TCT Live Case, Orlando, Nov 5, 2021
14.	Discussant, ACS, STEMI & Cardiogenic Shock, TCT, Orlando, Nov 4, 2021
15.	Moderator Live Cases Canadian Cardiovascular Congress Virtual, October 22, 2021.
16.	"The Clinical Impact of High Residual Gradients Post AVR is: Minimal", Virtual Heart Valve Collaboratory, Oct 1, 2021.
17.	:TAVR Repeatability: Current Considerations & Future Directions. Lifetime Management in Patients with Aortic Stenosis", Virtual Mahidol TAVI 2021, Thailand, Sept 24, 2021
18.	"Optimizing TAVR", New Perspectives for the Surgeon and Heart Team, Advanced TAVR Symposium, Society of Thoracic Surgeons TAVR 2021 Virtual Conerence, August 21, 2021.
19.	"TAVI in young patients: coronary access and valve durability", Virtual SOLACI CACI Symposium, Buenos Aires, August 2, 2021.
20.	TAVR Master Class: TAVR My Way – Start to Finish & Tips n' Tricks. TVT, Miami, July 20, 2021
21.	"How Do We Manage CAD and Aortic Stenosis?", Virtual American College of Cardiology Conference, May 15, 2021
22.	Panelist, North American COVID-19 Myocardial Infarction (NACMI) Registry SCAI & CAIC-ACCI Webinar, May 6, 2021.
23.	"Modern Day Management of Aortic Stenosis in Younger Patients," SCAI 2021 Virtual Scientific Sessions, April 30, 2021
24.	"TAVI Haemodynamics and Outcomes: Are We Measuring Appropriately?", Transcatheter Interventions Online Apr 14, 2021.
25.	"Percutaneous Access and Repair During TAVR: Results and How to Treat Complications", Top to Toe Transcatheter Solutions Conference 2021, Feb 11-13, 2021.
26.	"Limitations of Echo Derived Measurements of Bioprosthetic Valve Function – Longer Term Assessment of Valve Function", Society Thoracic Surgeons (STS Symposium), Jan 29-31, 2021.
27.	"Strategy for Quality Improvement: The Benchmark Program", Canadian TAVI Program Development Symposium Webinar, January 19, 2021.
28.	"TAVR and CAD: Rationale and Design of the COMPLETE TAVR Trial", New York Transcatheter Valves, NYTV Virtual 2020, Dec 10, 2020.
29.	"TAVR – Where Do We Go From Here", ICI for ALL, December 6-7, 2020
30.	"Simply TAVR Procedural", PCR Chengdu Valve, THV China, Nov 22, 2020.
31.	"Echocardiography: Role and limitations in measuring valve function", PCR London Valve, November 4, 2020
32.	"Safety and efficiency of minimalistic TAVI", Symposium at the Brazilian Society of Interventional Cardiology (SBHCI). November 3, 2020
33.	"Streamlined TAVR: Previously Optional But Now Essential", Interventional Cardiology, International Grand Rounds, Shaare Zedek Medical Center, Jerusalem, July 13, 2020
34.	"Shaping Care Pathways for Severe Aortic Stenosis Patients in a COVID-19 Context", euroPCR, June 26, 2020.
35.	"Balloon Expandable Sapien TAVR System", TVT Connect, June 6, 2020.
36.	"TAVR – Large Bore Vascular Closure Techniques and New Devices", TVT Connect, June 1, 2020.
37.	"Fundamental Minimalist Principles in TAVR for Same or Next-Day Discharge", TVT Connect, May 28, 2020.
38.	"Podcast with the Presidents #3: Safe reintroduction of cardiovascular services during the pandemic: Focus on Diagnostic Procedures.", Video Podcast, SCAI/CAIC-ACCI. May 6, 2020.
39.	"Podcast with the Presidents #2: Safe reintroduction of cardiovascular services during the pandemic: Focus on Invasive Procedures", Video Podcast, SCAI/CAIC-ACCI, May 5, 2020.
40.	"Podcast with the Presidents #1: Safe reintroduction of cardiovascular services during the pandemic", Video Podcast, SCAI/CAIC-ACCI, April 30, 2020.
41.	"Impact of COVID-19 on the in-hospital management of TAVI", Webinar, Australia, April 29, 2020.
42.	"A new era for TAVR: Lessons learned from the pandemic", Video Podcast, SCAI & CAIC-ACCI, April 27, 2020.

43.	"COVID-19 and Acute Myocardial Infarction" Webinar, SCAI & CAIC-ACCI, April 23, 2020
44.	"Minimalist TAVR During the Pandemic", Video Podcast, SCAI & CAIC-ACCI, April 20, 2020.
45.	"Impact of COVID-19 on the In-Hospital Management of TAVI", Webinar Australia, April 20, 2020
46.	"Impact of COVID-19 on the in-hospital management of Cardiovascular Interventions, Webinar, New Zealand, April 14, 2020.
47.	"TAVI in the Time of COVID-19", Webinar Europe, April 14, 2020.
48.	"Conversations with Leading Cardiovascular Specialists on the Front Line: Preparing for the Coming Surge", Webinar CAIC-ACCI/SCAI, April 8, 2020
49.	"Best Practice Sharing for Interventional Cardiologists during Covid-19" International Webinar, April 8, 2020.
50.	"Impact of COVID-19 on the In-Hospital Management of TAVI Patients, Webinar Edwards Global, April 7, 2020.
51.	"TAVR and COVID-19: Experiences from Across the US and Latest Society Guidance", Webinar SCAI, April 2, 2020.
52.	"Precautions and Procedures for the Cath Lab During the COVID-19 Pandemic", Webinar CAIC-ACCI, March 26, 2020.
53.	"COVID-19 and the Cardiovascular Patient: Practical Advis for implementing recommendations from the CCS COVID-19 Rapid Response Team", Webinar CCS, March 25, 2020.
54.	"The Leading Edge and Future Outlook of TAVI – Emerging Indication & Optimized Procedure", Edwards TAVI Summit, Tokyo, Japan. December 8, 2019.
55.	Co-Chair, Improving Patient Access and Clinical Outcomes in the Treatment of Aortic Stenosis – the Edwards Benchmark Program, PCR London Valves, November 18, 2019.
56.	"Revascularization with Multivessel PCI for Myocardial Infarction: We Finally Have the COMPLETE Answer!", CCC, Montreal, October 26, 2019.
57.	"Improving the Patient Outcomes and TAVI Efficiency", TAVI in 2019, CCC, Montreal, October 24, 2019.
58.	"COMPLETE Timing Substudy: A Randomized Trial of Complete Staged Revascularization vs. Infarct Artery PCI Aline in Patients with Acute Myocardial Infarction and Multivessel Disease – Importance of Revascularization Timing", Late Breaking Science, TCT, San Francisco, September 28, 2019.
59.	"Minimalist TAVR for Everyone: Safe, Efficient, and Cost-Effective", TCT, San Francisco, September 27, 2019.
60.	"Large-Hole Transfemoral Closure III: The MANTA Device", TCT, San Francisco, September 27, 2019.
61.	Live Case Operator, Sept 26, 2019, San Francisco, TCT, Sept 26, 2019
62.	Valve-in-Valve Procedure: Device Selection and Outcomes. Chicago Endovascular Conference (CVC), Chicago, July 10, 2019.
63.	Benefits of Balloon Expandable Valves in TAVR. Chicago Endovascular Conference (CVC), Chicago, July 10, 2019.
64.	Hands-on Workshop: Manta Large Bore Closure. Complex Cardiovascular Catheter Therapeutics (C3), Orlando, June 25, 2019.
65.	"The Latest Clinical Trials of TAVR vs. SAVR: The Essentials", Complex Cardiovascular Catheter Therapeutics (C3), Orlando, June 24, 2019.
66.	"Transfemoral TAVR as the Default Procedure", Complex Cardiovascular Catheter Therapeutics (C3), Orlando, June 24, 2019.
67.	"TAVR-How it All Started", Complex Cardiovascular Catheter Therapeutics (C3), Orlando, June 24, 2019.
68.	Live Case Discussant, "TAVR Live Cases", TVT, Chicago, June 14, 2019.
69.	Case Presenter, "My Wild and Crazy Cases", TVT, Chicago, June 13, 2019.
70.	"When Transfemoral Access is Problematic – Facilitation with Intravascular Balloon Lithotripsy",



	TVT Chicago, June 13, 2019.
71.	Expert Commentator, “3 Illustrative Cases (Optimal Valve Sizing, Managing Severe AV/LVOT Calcification, and Coronary Access Issues)”, TVT, Chicago, June 13, 2019.
72.	“Conduction Block After TAVR: Do I Discharge Early, Monitor, Invasively Investigate or Pace?”, TVT Chicago, June 13, 2019.
73.	“Coronary Revascularization: Before, During or After TAVR?”, SCAI, Las Vegas, May 21, 2019.
74.	Live Case Operator, TCT Asia Pacific, April 29, 2019.
75.	“Multivessel Disease in STEMI: How COMPLETE Should We Be?”, International Andreas Gruentzig Society Meeting, Puerto Natales, Chile. February 4, 2019.
76.	“Evolving TAVR Techniques for the Bicuspid Valve: Is it Time for a Randomized Trial?”, International Andreas Gruentzig Society Meeting, Puerto Natales, Chile. February 4, 2019.
77.	“What’s Next for TAVR? Unmet Clinical Needs”, Toronto Heart Valve Symposium, Toronto, January 19, 2019.
78.	“The Current & Future State of TAVR: Remaining Clinical Needs, Device and Patient Strategies”, Interior Health CV Leaders Steering Committee, Kelowna, BC. November 2, 2018.
79.	“Next steps: Early and fast treatment for TAVR Patients” TAVR Healthcare Leadership Series, Denver, October 5, 2018.
80.	“Can the minimalist TAVR strategy work at your hospital?” TAVR Healthcare Leadership Series, Denver, October 5, 2018.
81.	Live Case Operator, Live case transmitted Vancouver to San Diego, TCT, September 24, 2018.
82.	Moderator, Best of Moderated TAVR Poster Abstracts II, TCT, San Diego, September 23, 2018.
83.	“Upcoming Closure Device System Dedicated to Large Bore Procedure”, TCT, San Diego, September 23, 2018.
84.	Discussant, TAVR World Cup at TCT – Clinical Case Challenges, TCT, San Diego, September 22, 2018
85.	“3M Financial Case Study”, TCT, San Diego, September 22 & 23, 2018.
86.	“How the 3M Study Provides a Roadmap for TAVR Efficiencies”, TCT, San Diego, September 22 & 23, 2018.
87.	“3M Like” Case Presentation articulating the Minimalist Credo, TCT, San Diego, September 22, 2018.
88.	Facilitator, TAVI: accelerated hospital discharge. PCR London Valves, London, England, September 10, 2018.
89.	“Tools and Techniques: Addressing growing unserved TAVI patients with innovative transcatheter devices”. PCR London Valves, London, England, September 9, 2018.
90.	“The Continuing Expansion and Refinement of TAVI: Strategies to Optimize Existing Capacity” ESC Congress, Munich, August 27, 2018.
91.	“Large Bore Vascular Closure & MANTA Trials” Chicago EndoVascular Conference 2018, July 12, 2018
92.	Panelist, Large Bore & Transcaval Access, Chicago EndoVascular Conference 2018, July 12, 2018
93.	“Percutaneous Valve-in-Valve Therapies: Techniques & Outcomes” Chicago EndoVascular Conference 2018, July 12, 2018
94.	“How to Avoid and Treat Complications During Large Bore Access” Chicago EndoVascular Conference 2018, July 12, 2018
95.	“Fast Track TVR: Is it Safe? How Do I Do It? What are the Benefits?” Chicago EndoVascular Conference 2018, July 12, 2018
96.	Moderator: Structural Heart, Chicago EndoVascular Conference 2018, July 12, 2018
97.	“The Vancouver Minimalist Clinical Care Pathway: Updates from the 3M Trial and Evolution to BENCHMARK, TVT Structural Heart Disease Summit 2018, Chicago, June 22, 2018
98.	“Pivotal Clinical Study to Evaluate the Safety and Effectiveness of the MANTA Percutaneous Vascular Closure Device: The SAFE MANTA Study. Key-Note Lectures and Late-Breaking

	Clinical Science. TVT Structural Heart Disease Summit 2018, Chicago, June 22, 2018
99.	“Upcoming Closure Device System Dedicated to Large Bore Procedure”, TVT Structural Heart Disease Summit 2018, Chicago, June 22, 2018
100.	Discussant, TVT Challenging Case Session – Tricuspid/Mitral and Others, TVT Structural Heart Disease Summit 2018, Chicago, June 22, 2018
101.	Live Case Operator (3 cases), TVT Structural Heart Disease Summit 2018, Live Case transmitted Vancouver to Chicago, June 21, 2018
102.	Live Case Operator, ISMICS Annual Scientific meeting, Vancouver, June 14, 2018.
103.	“TAVI in Bicuspid Aortic Valve: Tips & Tricks”, ISMICS Annual Scientific meeting, Vancouver, June 13, 2018.
104.	Panelist, “The Surgical Interventionists: Should TAVI be Performed without a Surgeon Scrubbed? In Non-Surgical Centers?”, ISMICS Annual Scientific Meeting, Vancouver, June 13, 2018
105.	Live Case Operator, TCT Asia Pacific, Live Transmission to Seoul, Korea, April 30, 2018.
106.	“3M Pathway – What’s Next?”, TAVI Today, TAVI Implanters Annual Meeting, Toronto, April 23, 2018
107.	“Surgery or TAVI: Head to Head Heart Team Case Review”, TAVI Today, TAVI Implanters Annual Meeting, Toronto, April 23, 2018
108.	“Is the Minimalist TAVR Strategy Generalizable? Results of the 3M Study”, The Heart Valve Society Annual Meeting, New York, April 13, 2018.
109.	“Innovative Valve Therapies” Discussant, The Heart Valve Society Annual Meeting, New York, April 13, 2018.
110.	“Use of a Prospective Clinical Pathway to Improve Outcomes and Reduce Length of Stay”. 6 <sup>th</sup> Canadian TAVI Implanters Meeting, Montreal, November 19-20, 2017.
111.	“Insights from the 3M Trial”. Transcatheter Cardiovascular Therapies (TCT) 2017. November 1, 2017, Denver, Colorado.
112.	Moderator, TCT Talk Radio. Transcatheter Cardiovascular Therapies (TCT) 2017. November 1, 2017, Denver, Colorado.
113.	“Is Early Discharge Possible in the Real World? Results from the 3M Study”. Transcatheter Cardiovascular Therapies (TCT) 2017. October 31, 2017, Denver, Colorado.
114.	“The Vancouver Multidisciplinary, Multimodality, but Minimalist Clinical Pathway Facilitates Safe Next Day Discharge Home at Low, Medium and High Volume Transcatheter Aortic Valve Replacement Centres: the 3M TAVR Study”. Transcatheter Cardiovascular Therapies (TCT) 2017. October 30, 2017, Denver, Colorado.
115.	Co-chair, TAVR: Technique, Quality and Outcome. CCC 2017. October 23, 2017, Vancouver, BC.
116.	Chair, "TAVI: A Canadian Perspective on Indications, Modalities, Programs and Pt Access". CCC 2017. October 23, 2017, Vancouver, BC
117.	“Evolving Controversies and Indications for TAVR versus SAVR – time to lower the bar?”, Year-in Review, CCC 2017. October 21, 2017. Vancouver, BC
118.	Co-Director, Innovations in Interventional Cardiology Summit, Structural Program. CCC 2017. October 20, 2017, Vancouver, BC.
119.	Panelist, TAVR in Intermediate and Low Risk Patients: How Low Do We Go? International Andreas Gruentzig Society (IAGS) 40 <sup>th</sup> Anniversary of PTCA. September 18, 2017. Zurich, Switzerland.
120.	Presenter, “COMPLETE RevascularizAtion in STEMI: How Far Do we Go?” International Andreas Gruentzig Society (IAGS) 40 <sup>th</sup> Anniversary of PTCA. September 19, 2017. Zurich, Switzerland.
121.	Moderator, Structural Session, International Andreas Gruentzig Society (IAGS) 40 <sup>th</sup> Anniversary of PTCA. September 19, 2017. Zurich, Switzerland.
122.	Panelist, Hemodynamics Session. International Andreas Gruentzig Society (IAGS) 40 <sup>th</sup> Anniversary of PTCA. September 21, 2017. Stresa, Italy.

123.	“Emerging Solutions and Future Directions (3M Trial Updates)” Physician Training Seminar 2: Integrating the TAVR Minimalist Approach Into Clinical Practice. TVT 2017. June 16, 2017, Chicago.
124.	“SAPIEN 3 Snapshots I - The New Sapien 3 ULTRA System” New Technology Forum: TAVR II TAVR Systems, Part 1: Most Frequently Used TAVR Systems. TVT 2017. June 16, 2017, Chicago.
125.	“Fundamental Knowledge: Tricuspid Valve Anatomy, Function & Relational Pathology”, TVT 2016, October 29, 2016, Washington, DC.
126.	Presenter, “Imaging in Structural Heart Disease Interventions: Interactive Cases at Event”, Canadian Cardiovascular Congress, October 22, 2016, Montreal.
127.	Workshop: Coronary Artery Disease and Masters Athletes, Canadian Cardiovascular Congress, October 22, 2016, Montreal.
128.	“Aortic Valve – TAVR and Beyond”, Imaging in Structural Heart Disease Interventions: Interactive Cases. Canadian Cardiovascular Congress, October 22, 2016, Montreal.
129.	Co-Chair, Oral Session “Transcatheter Aortic Valve Replacement: From Assessment to Quality Indicators”. Canadian Cardiovascular Congress, October 22, 2016, Montreal.
130.	“The Evolving Minimalist Approach, Code TAVR, Door-to-TAVR Time, and Other Emerging Concepts”, TAVR Bootcamp Session, Transcatheter Valve Therapies 2016, June 18, 2016, Chicago
131.	Live Operator, Aortic Valve-in-Valve 3M TAVR, Transcatheter Valve Therapies, June 17, 2016, Chicago
132.	“Solutions based approach to the Heart Team”, TAVI Today Meeting, May 30, 2016, Toronto, Ontario.
133.	Complex PCI Case Based Clinical Decision Making, “STEMI Pt with multivessel disease: Rationale for COMPLETE culprit”, SCAI Annual Scientific Meeting, May 4, 2016, Orlando, Florida
134.	“Multivessel PCI in STEMI”, A Case-Based Approach to PCI. SCAI Annual Scientific Meeting, May 4, 2016, Orlando, Florida
135.	“TAVI in Frail Patients – An Interdisciplinary Perspective”, 36 <sup>th</sup> Annual Scientific Meeting of the Canadian Geriatrics Society, April 16, 2016, Vancouver, BC
136.	“Is it Time for the Minimalist Approach to TAVR?”, Minnesota Valve Symposium, April 14, 2016
137.	“The 3M Pathway and what it means for the Heart Team”, American College of Cardiology Scientific Meeting, Chicago, April 4, 2016
138.	Panelist, Transcatheter Mitral Valve Replacement, International Andreas Greuntzig Meeting, Queenstown, New Zealand, January, 2016
139.	“Interventional Treatment of the Bicuspid Aortic Valve”, International Andreas Greuntzig Meeting, Queenstown, New Zealand, January, 2016.
140.	“Management of PFO for Stroke Prevention”, 17 <sup>th</sup> Annual Western Stroke Conference, Vancouver, November, 2015
141.	Presenter, Great TAVI Debate Session, Defense Team, Canadian Cardiovascular Congress, Toronto, October, 2015
142.	Live Case Operator, Aortic Valve and Structural Heart Disease, TCT, San Francisco, October, 2015
143.	Digital Panelist, Live Cases: Heart Failure, Mitral, and Tricuspid Valve Interventions. TCT, San Francisco, October, 2015
144.!	“Routine Early Revascularization May be the Next COURAGE: Wait for the COMPLETE Answer!”. Knights of the Roundtable 2015: Stop the Madness!, TCT, San Francisco, October, 2015.
145.	Case Presenter, High Risk for Coronary Occlusion and TAVR, Transcatheter Aortic Valve Therapies; Today and Tomorrow. TCT, San Francisco, October, 2015

146.	“Complete vs Incomplete Revascularization”, International Session: What is Your Best Strategy for Treatment of Multivessel CAD? TCT, San Francisco, October, 2015.
147.	Discussant, STEMI, Shock and Cardiac Arrest: Breathrough Discoveries, Unsettled Issues and Emerging Approaches. TCT, San Francisco, October, 2015
148.	“Next day discharge TAVI? A how to for programs”, Canadian TAVI Program Development Symposium, Toronto, October, 2015
149.	“Heart Team in Percutaneous Valvular Therapy”, 24 <sup>th</sup> Montreal Live Symposium, Montreal, June 2015.
150.	Panel Discussion, Live Cases, 24 <sup>th</sup> Montreal Live Symposium, Montreal, June 2015.
151.	Moderator, Potential Obstacles Ahead: What is the Future of the Heart Team? Transcatheter Valve Therapies, Chicago, June 2015.
152.	“Contemporary TF TAVR: Where Do we Go From Here?” Transcatheter Valve Therapies, Chicago, June 2015.
153.	Moderator, 3M TAVR Boot Camp: Implementing a Multimodality and Multidisciplinary but Minimalist Approach, Transcatheter Valve Therapies, Chicago, June 2015.
154.	“The North American 3M TAVR Study: Evaluating the Efficacy, Feasibility, and Safety of Next-Day Discharge Home in Patients Undergoing Elective Transfemoral TAVR”, Transcatheter Valve Therapies, Chicago, June 2015.
155.	Moderator, Procedural Trends: Adoption of the Minimalist Approach, Transcatheter Valve Therapies, Chicago, June 2015.
156.	“The Latest Technology and What Lies Ahead”, 2015 Port Douglas Heart Meeting, Port Douglas, Australia, June, 2015.
157.	“Experience with SAPIEN 3 and Next Day Discharge in the Multidisciplinary, Multimodality but Minimalist (3M) TAVR Study, SAPIEN 3 Training, Sydney, Australia, May, 2015.
158.	“Managing Challenging Anatomies – Severe LVOT Calcium with Sapien (Role of Balloon Underfilling)”. Society for Cardiovascular Angiography and Interventions Foundation (SCAI) Scientific Meeting, San Diego, CA, May, 2015.
159.	“Latest Advances in Transcatheter Aortic Valve Replacement. Cardio In-Service, Maui Lani Conference Room, Maui, Hawaii, January 16, 2015.
160.	“The Role of Perfusion in the 3M Approach to Transfemoral TAVR Trial”. Society Clinical Perfusionist Annual General Meeting and Scientific Sessions. Vancouver, BC, October 25, 2014.
161.	Rising Star in Our Midst: Wood. Celebrate Cardiovascular Science in BC. British Columbia Reception, Canadian Cardiovascular Congress, Vancouver, BC, October, 2014.
162.	“A Multidisciplinary, Multimodality but Minimalist (3M) Approach to Transfemoral Transcatheter Aortic Valve Replacement Facilitates Safe Next Day Discharge Home in High Risk Patients: 1 Year Follow Up”. Oral Abstract Presentation, Canadian Cardiovascular Congress, Vancouver, BC, October, 2014.
163.	Live Case Operator, “TAVR with the Sapien 3 Valve Utilizing a Multidisciplinary, Multimodality, but Minimalist (3M) Approach”. Canadian Cardiovascular Congress, Vancouver, BC, October, 2014.
164.	“Stenoses in Non-Culprit Vessels Should be Revascularized in the Setting of STEMI”, Debate, Pro Speaker, Canadian Cardiovascular Congress, Vancouver, BC, October 27, 2014.
165.	Speaker & Case Presentation, How Should I Treat/How Did I Treat? Learning Transcatheter Valve-in-Valve, room 3, Westminster, PCR London Valves, London, September, 2014
166.	Speaker, “How Can We Reduce Costs and Length of Stay to Improve Cost-Effectiveness:”, PCR London Valves, London, September, 2014.
167.	Panelist, Is it Time to Simplify the TAVI Procedure? Plenary Session, PCR London Valves, September, 2014.
168.	Chairperson, Innovation in Interventions to the Aortic Valve, Innovation Session, PCR London Valves, London, September, 2014.
169.	Discussant, Interventional Structural Heart Disease: Clinical Updates and Case Review. Transcatheter Therapies Conference, Washington, DC, September, 2014.

170.	Live Case Operator, Transcatheter Therapies Conference, Washington, DC, September, 2014.
171.	“A Multidisciplinary, Multimodality but Minimalist (3M) Approach to Transfemoral Transcatheter Aortic Valve Replacement Facilitates Safe Next Day Discharge Home in High Risk Patients: 1 Year Follow Up”. Oral Abstract Presentation, Transcatheter Therapies Conference, Washington, DC, September, 2014.
172.	“Identifying and Triaging Patients for Early Discharge: Lessons from the Vancouver 3M Experience”, TVT, Vancouver, BC, June, 2014.
173.	“Step-by-Step: The Perfect Transfemoral Access Technique”, TVT, Vancouver, BC, June, 2014.
174.	Discussant/Case Presenter, “AR and High Surgical Risk, Complex Case Management”. TVT, Vancouver, BC, June, 2014.
175.	Discussant, “Mitral Valve Anatomy and Imaging: A Catheter-Based Perspective”, TVT, Vancouver, BC, June, 2014.
176.	Live Case Operator, TVT Live Broadcasts, Transcatheter Valve Therapies, Vancouver, BC, June, 2014.
177.	“Transcatheter Approaches to Valvular Heart Disease”, ACC Rockies, Banff, Alberta, March, 2014.
178.	Chair, “How Do I Do it? A Systematic Approach to Evaluation of CT...”, Society of Cardiovascular Computed Tomography Symposium, Waikoloa, Hawaii, January 2014.
179.	“Fully COMPLETEly”, Excellence in Interventional Cardiology, Whistler, December 2013.
180.	Live Case Operator, TCT Live Broadcasts, TCT, transmission from Vancouver to San Francisco, October, 2013
181.	“A Safe Next-Day Hospital Discharge Program for Uncomplicated High-Risk TAVR Patients”, Aortic Valve Therapies: Today & Tomorrow, TCT, San Francisco, October, 2013
182.	“A Multidisciplinary, Multimodality but Minimalist (3M) Approach to Transfemoral Transcatheter Aortic Valve Replacement Facilitates Safe Next Day Discharge in High Risk Patients”, TAVR Outcomes, Oral Abstract, TCT, San Francisco, October, 2013
183.	Panelist, “TCT 360: Insights into Clinical Practice for Nurses and Technologists”, TCT, San Francisco, October, 2013
184.	“Next Day Discharge: The Vancouver Experience”, The Efficient and Affordable TAVR Program, TCT Satellite Symposium, San Francisco, October, 2013.
185.	Case Video: Fully Percutaneous Procedure in an Awake Patient, TCT, San Francisco, October 2013.
186.	Chair, PCI: Techniques, Devices and Outcomes, Canadian Cardiovascular Congress, Montreal, October, 2013.
187.	“The Vancouver Experience with Next Day Discharge”, PCR London Valves 2013, London, England, September 2013.
188.	Interactive Case Session, Facilitator. PCR London Valves 2013, London, England, September 2013.
189.	“Tips and Tricks” Clinical Case Submissions, Panelist. PCR London Valves 2013, London, England, September 2013.
190.	“CT for Transcatheter Aortic Valve Replacement”, Annual Scientific Meeting of Society of Cardiovascular Computed Tomography, Montreal, July, 2013.
191.	“The Vancouver Experiences with Next-day Discharge”, CME Webcast: The Efficient, Affordable and Sustainable TAVR Program, Webcast sponsored by CRF. July, 2013 – Ongoing.
192.	“Careful Case Triaging for Next Day Discharge Following TAVR”, Transcatheter Valve Therapies (TVT) 2013, Vancouver, June 14, 2013.
193.	Moderator, Canadian Cardiovascular Society Workshop, Transcatheter Valve Therapies (TVT) 2013, Vancouver, June 14, 2013.
194.	“A Minimalist, Multidisciplinary and Multimodality Approach to TAVI – Facilitating Early Discharge”, Transcatheter Valve Therapies (TVT) 2013, Vancouver, June 14, 2013.
195.	“The 3M Approach to TAVR Permits Safe Next Day Discharge in High Risk Patients”, Transcatheter Valve Therapies (TVT) 2013, Vancouver, June 13, 2013.

196.	Case Presentation, Severe Asymptomatic AS, AS Complex Case Management Workshop, Transcatheter Valve Therapies (TVT) 2013, Vancouver, June 12, 2013.
197.	“Not so Fast! Current Suture-Based Transfemoral Closure Devices are More than Adequate – The Vancouver Experience”, Transcatheter Valve Therapies (TVT) 2013, Vancouver, June 12, 2013.
198.	“Managing Transfemoral Access Complications: Strategies and Toolbox”, Transcatheter Valve Therapies (TVT) 2013, Vancouver, June 12, 2013.
199.	“Percutaneous Suture-Based Femoral Artery Closure: How Do I Do It? Tips and Tricks”, Transcatheter Valve Therapies (TVT) 2013, Vancouver, June 12, 2013.
200.	“The Vancouver Experience with Next-Day Discharge”, Transcatheter Valve Therapies (TVT) 2013, Vancouver, June 12, 2013.
201.	“Imaging for TAVR: An Interventionalist’s Perspective”, RSNA 98 <sup>th</sup> Scientific Assembly and Annual Meeting, Chicago, November, 2012.
202.	“Imaging for TAVR: An Interventionalist’s Perspective”, TCT 2012 Scientific Symposium, Miami, October, 2012.
203.	“Tips n’ Tricks for a Facilitated Early Discharge Plan After TAVR Procedure”, TCT 2012 Scientific Symposium, Miami, October, 2012.
204.	“You Should Treat the Non-Culprit Stenoses Medically Only”, Controversies in STEMI Management Symposium, Pre-CCC, Toronto, October 2012.
205.	Case Presentation Speaker, TAVI – Increasing the Experience – Complex Case Presentations, CCC, Toronto, October 2012.
206.	“CT for Post-TAVR Follow-Up”, Break-out Session, Role of CT in TAVR, SCCT 7 <sup>th</sup> Annual Scientific Meeting, Baltimore, July 2012.
207.	“CT for Percutaneous Valvular Heart Disease”, Cardiac CT for Structure and Function Session, SCCT 7 <sup>th</sup> Annual Scientific Meeting, Baltimore, July 2012.
208.	“Optimal Techniques and Imaging Tools for Common Femoral Artery Puncture”, Lecturer, TAVR Vascular Access and Closure Workshop, Transcatheter Valve Therapies 2012, Seattle, June 5, 2012.
209.	Live Case Operator, Transcatheter Valve Therapies 2012, Vancouver via live transmission Seattle, June 4, 2012.
210.	Discussant, CT TAVR Workshop I and II, Transcatheter Valve Therapies 2012, Seattle, June 3, 2012.
211.	“Key Areas of Clinical Focus”, Lecturer, TAVR Team Symposium, Transcatheter Valve Therapies 2012, Seattle, June 2, 2012.
212.	“The Role of CT in Minimally Invasive Therapies for Structural Heart Disease”, SCCT Canada IRC Meeting, Cardiac CT Imaging Day, Montreal, April 25, 2012.
213.	“Minimally Invasive Heart Valve Replacement in 2012”, Society of Cardiovascular Pathology meeting at USCAP, Harvard-MIT Health Sciences and Technology, Vancouver, March 17, 2012.
214.	“New Advances in Structural Heart Disease: Transcatheter Valve Repairs and Replacements, Closures of Septal Defects and Beyond”. 8 <sup>th</sup> Annual Hot Topics in Cardiology, University of British Columbia, March 10, 2012.
215.	“Experience and New Directions in Heart Valve Replacement”, Clinical Innovation in Heart and Lung Disease, Institute for Heart and Lung Health Research FEST, Vancouver, BC, March 9, 2012.
216.	“UBC Structural Heart Program”, Community Medical Education Meeting, Gibsons, BC, November, 2011
217.	Live Case Operator, St. Paul’s Hospital. Live Cases: Transcatheter Cardiovascular Therapeutics Annual Scientific Meeting, San Francisco, Nov, 2011.
218.	Case Presentation, Controversies in Coronary Interventions: The Annual Canadian Interventional Cardiology Workshop, Canadian Cardiovascular Congress Scientific Meeting, Vancouver, October, 2011.
219.	“Transcatheter Valve-in-Valve Implantation for Failed Balloon Expandable Transcatheter Aortic Valves”. Oral Abstract. Canadian Cardiovascular Congress Scientific Meeting, Vancouver,

	October, 2011.
220.	Live Case: Transfemoral Aortic Valve Implantation. Live Case Operator. Canadian Cardiovascular Congress Scientific Meeting, Vancouver, October, 2011.
221.	Workshop: Intra-Coronary Physiologic and Anatomic Imaging for Clinicians. Canadian Cardiovascular Congress Scientific Meeting, Vancouver, October, 2011.
222.	Workshop: Cardiac CT Angiography in 2011. Canadian Cardiovascular Congress Scientific Meeting, Vancouver, October, 2011.
223.	“Vancouver Structural Program: Advances in Transcatheter Therapies”, Community Medical Education Dinner, Comox, BC, September, 2011
224.	Live Case: Aortic Valve-in-Valve, Transfemoral. Live Case Operator, Transcatheter Valve Therapies, An Advanced Scientific and Clinical Workshop, Cardiovascular Research Foundation, Vancouver, June, 2011.
225.	Anatomy and Pathology of Native, Surgical and Transcatheter Valves Workshop. “Pathologic Findings in Native Valve and in Surgical Transcatheter Prosthetic Valve Disease”. Discussant & Lecturer. Transcatheter Valve Therapies, An Advanced Scientific and Clinical Workshop, Cardiovascular Research Foundation, Vancouver, June, 2011.
226.	Live Case: Mitral Valve-in-Valve Transapical. Live Course Operator. Transcatheter Valve Therapies, An Advanced Scientific and Clinical Workshop, Cardiovascular Research Foundation, Vancouver, June, 2011
227.	Live Case: Balloon-Expandable Transfemoral Aortic Valve. Live Case Operator. Transcatheter Valve Therapies, An Advanced Scientific and Clinical Workshop, Cardiovascular Research Foundation, Vancouver, June, 2011.
228.	Interactive CT Workshop: “Why Annular Sizing is Important for TAVR”. Moderator & Lecturer, Transcatheter Valve Therapies, An Advanced Scientific and Clinical Workshop, Cardiovascular Research Foundation, Vancouver, June 2011
229.	“Transcatheter Aortic Valve Replacement for Inoperable and High Risk Patients”, Society of Community Internists, Tofino, BC, June 4, 2011.
230.	“Minimally Invasive Therapies for Structural Heart Disease”, Canadian Society of Diagnostic Medical Sonographers Conference, Kelowna, May 27, 2011.
231.	“UBC Structural Heart Program: New Technology for TAVI, ASD, PFO & LAA”, Internal Medicine, Penticton, May 26, 2011.
232.	“Code Hot STEMI Transfer”, Lions Gate Hospital Physician Rounds, North Vancouver, May 5, 2011.
233.	“TAVI – The Place for Transvalvular Aortic Valve in 2011”. 7 <sup>th</sup> Annual Hot Topics in Cardiology Conference, University of British Columbia, April 9, 2011.
234.	“Aortic Stenosis: New Ways of Treating an Old Problem”, Canadian Geriatrics Society Annual Meeting, Vancouver, April 15, 2011
235.	“Minimally Invasive Structural Heart Surgery in 2011”, Grand Rounds, Nanaimo Regional General Hospital, March 2, 2011.
236.	“Fractional Flow Reserve Guided TREATment of Non-culprit Lesions in STEMI Patients Undergoing PPCI (FFR TREAT)”. McMaster University, Hamilton General Hospital, Cardiac Catheterization Rounds, December 6, 2010.
237.	“Minimally Invasive Transcatheter Therapies to Treat Structural Heart Disease”. Grand Rounds, Kelowna General Hospital, November 24, 2010.
238.	“Transcatheter Therapies for Structural Heart Disease”. Grand Rounds, Prince George Regional Hospital, November 4, 2010.
239.	“Beyond PARTNER: disruptive technology and the coming paradigm shift for treating aortic stenosis”. Radiology Grand Rounds, University of British Columbia, September 29, 2010.
240.	Next Generation Transcatheter Valves & Allied Technology. Lenox Hill Heart and Vascular Institute, Cardiovascular Grand Rounds, New York, New York. Sept 21, 2010.
241.	Procedural Nuts and Bolts: Requirements, Trouble Shooting and Decision Making: Edited Taped Cases and Discussion. Obtained the Optimal Coplanar Aorta Working View. Transcatheter Valve Therapies Workshop, Seattle, June, 2010.

242.	What's New in Cardiac Intervention. UBC Division of Cardiology 6th Annual Hot Topics in Cardiology Conference. April 17, 2010.
243.	Screening and Operative Management of Transcatheter Valve Patients. Okanagan Anesthesia Conference. Jan 31, 2010.
244.	Perioperative Risk Stratification. Okanagan Anesthesia Conference. Jan 30, 2010.
245.	Transcatheter Aortic Valve Replacement: current trends and future directions. Second Annual "Meeting of the Minds" Cardiovascular Conference. Montauk, New York. June, 2009.
246.	"Transcatheter Interventions for Structural Heart Disease: Current Trends and Future Directions". Lennox Hill Heart and Vascular Institute. April, 2009.

**(e) Other Presentations**

1.	CCI-CIC Translational Medicine, UBC Faculty of Medicine Translational Rounds, March 7, 2022
2.	CCI-CIC Update, PACCH, Feb 17, 2022.
3.	"The Future of Cardiology Luncheon", VGH Foundation, Oct 14, 2021.
4.	"High Fives for Health Care Campaign", VGH Foundation/Global BC/CKNW, Nov 14, 2020.
5.	"COMPLETE and CCI", Surrey Memorial Hospital Rounds, November 22, 2019,
6.	"COMPLETE and CCI", Royal Jubilee Hospital Grand Rounds, Victoria, October 30, 2019.
7.	"COMPLETE and CCI", Royal Columbian Hospital Rounds, October 16, 2019.
8.	"COMPLETE and CCI". UBC Cardiology Grand Rounds. October 17, 2019.
9.	"COMPLETE and CCI", Grand Rounds, Kelowna General Hospital, Sept 19, 2019.
10.	"Pearls from Paris ESC-2019. A BC Perspective - COMPLETE". UBC Division of Cardiology, Vancouver, Sept 9, 2019.
11.	"Percutaneous Valve Management – Present & Future", UBC Hot Topics in Cardiology, Vancouver, Feb 9, 2019.
12.	Presenter, UBC Heart & Stroke Foundation Research Night, Abdul Ladha Science Student Centre, UBC, November 7, 2018
13.	"Left Main Disease: Percutaneous vs surgical revascularization in 2018". UBC Cardiology Grand Rounds. July 19, 2018.
14.	"PFO Closure for Cryptogenic Stroke: time to RESPECT the evidence and REDUCE recurrent stroke". UBC Division of Cardiology Grand Rounds, November 9, 2017.
15.	"Outpatient same-day heart surgery: the future has arrived". Highlands Seniors Connections. North Vancouver. October 4, 2017.
16.	"Outpatient Elective Heart Valve Surgery: The Future has Arrived", Lumira Capital Partners Vancouver General Hospital Foundation, April 6, 2017.
17.	"Transcatheter Aortic Valve Implantation", Heart & Lung Health FEST 2017, March 16, 2017.
18.	Emcee, Physicians' Recognition, Vancouver Hospital Foundation, September 15, 2016.
19.	"Minimally Invasive Valve Surgery: What the Paradigm Shift Means for Health Authorities and Patients in BC". Department of Medicine, Grand Rounds, UBC, September 1, 2016.
20.	TAVR, Sechelt Rotary Club, Sechelt, BC, May 25, 2016
21.	"TAVI Update: Late Breaking Trials at ACC 2016", Vancouver General Hospital Cardiac Anesthesia and Perfusion, Vancouver, BC, May 10, 2016
22.	"The 3M TAVR Study: Implications for Local Practice" Edwards Optimentals Training Course, St. Paul's Hospital, Vancouver, BC, April 22, 2016
23.	"3M Revolution", TAVI Master Class: An education event for nursing and allied health, University of British Columbia, St. Paul's Hospital, Vancouver, Feb 24, 2016
24.	"TAVI as the Default Strategy for Treating AS", 12 <sup>th</sup> Annual Hot Topics in Cardiology Conference, University of British Columbia, Vancouver, Feb 13, 2016
25.	"Relentless pursuit of the next horizon for percutaneous heart valve interventions", UBC Institute Heart+Lung Research FEST 2015, Vancouver, March 27, 2015.
26.	"Introduction to the OR Staff on the TAVI Procedures and Processes", OR Staff In-Service, St. Paul's Hospital, December, 2014.



27.	"The first decade of Transcatheter Heart Valve Therapy", UBC Division of Cardiology Grand Rounds, Vancouver, November 5, 2014.
28.	"Management of Stroke Prevention for PFO", Interventional Cardiology Lab, Vancouver General Hospital, Vancouver, October, 2014.
29.	"Minimally Invasive Therapies for Structural Heart Disease: Global Periprocedural Trends and Future Directions", Anesthesia Grand Rounds, St. Paul's Hospital, October, 2014.
30.	"Non-Cardiac Surgery in Patients with Structural Heart Disease: Current Practice and Future Directions", UBC Anesthesia City-Wide Rounds, Vancouver General Hospital, October, 2014.
31.	"Minimally Invasive Therapies for Structural Heart Disease: Global Periprocedural Trends and Future Directions", Royal Columbian Hospital Anesthesia Grand Rounds, October, 2014.
32.	"The role of percutaneous ASD and PFO closure for stroke prevention", Cerebrovascular Conference, UBC Division of Neurology, Vancouver General Hospital, October, 2014.
33.	"Minimally Invasive Heart Valve Surgery", CCU Education Committee, Vancouver General Hospital, April 2014
34.	Careers Speakers Series "Brown Bag Lunch:, Cardiology Speaker. UBC Medical Students, Life Sciences Centre Theatre, UBC, March 3, 2014.
35.	"Should We Routinely use FFR to Guide Coronary Stenting in Non-Emergent Cases? Rationale of the FFR-Select Trial" with Dr. Anthony Fung, Dr. Robert Boone, Dr. David Wood, Dr. Chris Thompson. UBC Cardiology Grand Rounds, January 23, 2014.
36.	"Leading Edge Cardiac Care", Autumn Legacy Luncheon, VGH Foundation, October, 2013
37.	"Vancouver TF Program at Vancouver General Hospital", Provincial Transcatheter Heart Valve Program, Outcome and Program Evaluation Meeting, September 24, 2013.
38.	"Management of Severe Aortic Stenosis in 2013", 11 <sup>th</sup> Annual Canadian Society of Hospital Medicine Conference, UBC Continuing Professional Development, September, 2013.
39.	Moderator, Resident Research Day, University of BC, May, 2013.
40.	"Aortic Stenosis in 2013", UBC Internal Medicine, Academic Half Day, April 3, 2013.
41.	Careers Speakers Series "Brown Bag Lunch:, Cardiology Speaker. UBC Medical Students, Life Sciences Centre Theatre, UBC, March, 2013
42.	"Does COMPLETE revascularization of non-culprit lesions in the setting of STEMI improve our patients PROSPECTs?". Shared UBC VGH/SPH Cardiology Rounds, February, 2013
43.	"TAVR Update 2012: Safe, Next Day Discharge in High Risk Operable Patients". UBC Division of Geriatric Medicine Seminar Series, Oct, 2012.
44.	Careers Speakers Series "Brown Bag Lunch:, Cardiology Speaker. UBC Medical Students, Life Sciences Centre Theatre, UBC, February, 2012
45.	"Common Valvular Heart Diseases". Internal Medicine Academic Half Day, University of BC, March 23, 2011.
46.	Careers Speakers Series "Brown Bag Lunch", Cardiology Speaker. UBC Medical Students, Life Sciences Centre Theatre, UBC. February, 2011.
47.	"Update to Transcatheter Therapies for Structural Heart Disease". CME Cardiology Day for Nurse Practitioners. Vancouver General Hospital. January 25, 2011.
48.	CTU Professor Rounds, UBC, January, 2011.
49.	"Transcatheter Interventions: Beyond 2010", UBC Academic Half Day. September 23, 2010.
50.	"Live from TCT: Late Breaking Trials: PARTNER Study – Implications for Local Practice. Cardiovascular Rounds, Vancouver General Hospital & St. Paul's Hospital, September 23, 2010.
51.	Transcatheter Therapies for Aortic and Mitral Valve Disease. Congenital Rounds, St. Paul's Hospital. September 15, 2010.
52.	Advances in Transcatheter Therapies for Structural Heart Disease. VGH Medical Grand Rounds. April 1, 2010.
53.	Medical Management and F/U of Post Stent Patient. CME on the Run "Cardiology/Diabetes". Paetzold Lecture Theatre, VGH. March 12, 2010.
54.	Careers Speakers Series "Brown Bag Lunch", Cardiology Speaker. UBC Medical Students, Life Sciences Centre Theatre, UBC. March 10, 2010
55.	The Role of Advanced Cardiac Imaging in Structural Heart Disease. VGH Department of Medicine Specialty Noon Rounds. Feb 8, 2010.

56.	Advances in Transcatheter Therapies for Structural Heart Disease. CME Cardiology Day for Nurse Practitioners. Vancouver General Hospital. February 2, 2010.
57.	Transcatheter Interventions for Structural Heart Disease: current practice and future directions. Cardiology Grand Rounds. Vancouver General and St. Paul's Hospital. Oct 15 and Oct 29, 2009.
58.	Cardiovascular History and Physical Examination in 2009. Undergraduate Lecture. UBC and Distributed Sites. Feb 19, 2009.
59.	Cardiovascular History and Physical Examination in 2008. Undergraduate Lecture. UBC and Distributed Sites. Feb 21, 2008.
60.	Cardiovascular Medical Education at UBC: time for a paradigm shift? Cardiology Grand Rounds. St. Paul's Hospital. June 14, 2007.
61.	The Role of Multislice Computed Tomography in the Assessment of Transcatheter Aortic Valve Replacement. Oral Presentation. Resident Research Day. May 23, 2007.
62.	Cardiac Computed Tomography for Measurement of Aortic Annular Diameter: Implications for Percutaneous Aortic Valve Implantation. VCHRI Celebrate Research Week. Poster Presentation. March 5, 2007.
63.	The Open Artery Hypothesis and OAT: time for a paradigm shift? WECREEP. Banff. March 3, 2007.
64.	"All About Heart Failure". Public Seminar. Burnaby. Feb 23, 2007.
65.	Multislice Computed Tomography in Transcatheter Aortic Valve Replacement. Providence Heart and Lung Research and Education Fest. Feb 7, 2007.
66.	Mitral annulus size but not tenting area increases with the severity of mitral regurgitation: implications for percutaneous mitral valve repair. Poster Presentation. Resident Research Day. May 24, 2006.
67.	Comparison of aortic annular size with echocardiography, cardiac CT, and angiography in percutaneous aortic valve implantation. Oral Presentation. Resident Research Day. May 24, 2006.
68.	Should we COMMIT to beta blockers post STEMI? Cardiology Grand Rounds. St. Paul's Hospital. June 9, 2005.
69.	Routine anteroposterior left atrial diameter measurement does not adequately assess atrial dilatation. Poster Presentation. Resident Research Day. May 18, 2005.
70.	"Adolescent cosmetic surgery and steroid abuse". Thomas Long Teen Health Panel. Vancouver Public Library. Feb 24, 2005.
71.	The Evidence for Race Based Therapeutics. WECREEP. Lake Louise. Jan 28, 2005.
72.	Atrial Myxoma: a rare disease with a fatal complication. Cardiology Grand Rounds. St. Paul's Hospital. Sept 10, 2004.
73.	"Cardiovascular Risk Assessment". North Shore Dental Society. April 12, 2004.
74.	"Vitamin Supplements: do they help?" Beta Sigma Phi Sorority. Feb 21, 2004.
75.	Two successful pregnancies in a patient with congenital abdominal coarctation. Poster Presentation. Resident Research Day. May 18, 2003.
76.	Update on hypertension: general principles remain essential. Poster Presentation. Resident Research Day. May 18, 2003.
77.	Mitral morphology in mitral regurgitation. Oral Presentation. Resident Research Day. May 18, 2003.

**(f) Other**

1.	Proctor/Consultant, Edwards Benchmark European Union Pilot Sites, 2018-present.
2.	Proctor/Consultant, Edwards Benchmark Program 2017-present.
3.	Speaker, TAVR Training Optimentals Course (recurring). 2015-present.
4.	International Proctor, Transcatheter Heart Valve System Training, Edwards Lifesciences. 2012-present.
5.	Proctor, St. Jude Medical/Abbott, 2014-present
6.	Consultant, St. Jude Medical/Abbott, 2012-present.

**(g) Conference Participation (Organizer, Keynote Speaker, etc.)**

1.	
2.	2021, Director, CAIC-ACCI Cardiology Summit Series, Virtual
3.	2019, Co-Chair, Innovations in Interventional Cardiology Summit, CCC, Oct 25, Montreal.
4.	2019, Program Committee Co-Chair, Chicago Endovascular Conference (CVC), July 10-12, Chicago
5.	2018, Co-Director, Innovations in Interventional Cardiology Summit, CAIC I2C Structural Program. CCC 2018. October 19, 2018. Toronto.
6.	2018, Program Moderator, TAVR Healthcare Leadership Series, October 4 & 5, 2018, Denver.
7.	2018, Director, Emerging Leaders in Cardiology Program, May 21, 2018, Paris
8.	2018, Co-Chair, Arterial & Venous Endovascular Conference (CVC), July, 2018, Chicago.
9.	2017, Co-Director, Innovations in Interventional Cardiology Summit, CAIC I2C Structural Program. CCC 2017. October 20, 2017, Vancouver, BC.
10.	2017, Operator, Live Case Transmission, St. Paul's Hospital, Vancouver to Chicago. Transcatheter Cardiovascular Therapy, June 14-15, 2017
11.	2017, Director, Emerging Leaders in Cardiology Program, June 17, 2017, Chicago.
12.	2017, Operator, Live Case Transmission, St. Paul's Hospital, Vancouver to Seoul, Korea. Transcatheter Cardiovascular Therapy Asia-Pacific, April 27, 2017
13.	2017, Panelist, Interventional Live Case Session I: Structural Transmission from Cleveland Clinic, ACC, Washington DC, March 17, 2017
14.	2016, Co-Director, CAIC I2C Structural Conference, Montreal, Oct 21, 2016
15.	2016, Course Director, Amplatzer Occluder & ICE Training Course, September 22, 2016, Vancouver, BC
16.	2016, Director, Emerging Leaders in Cardiology Program, September 18, 2016, London, England
17.	2016, Planning Committee, TAVR & Mitral Bootcamp, TVT, June 18, 2016
18.	2016, Live Operator, TVT 2016, Live Case Transmissions, St. Paul's Hospital, Vancouver to Chicago, June, 2016.
19.	2015, Operator, TVT Interventional Cardiology Live Case Transmissions. St. Paul's Hospital, Vancouver, 2015
20.	2014, Operator, TVT Interventional Cardiology Live Case Transmissions. St. Paul's Hospital, Vancouver, June, 2014.
21.	2014, Chairman, SCCT 2014 Annual Scientific meeting, San Diego, July, 2014.
22.	2013, Chair, Poster Session VII: Comparative/Multimodality Imaging/Resource Utilization I. Annual Scientific Meeting of Society of Cardiovascular Computed Tomography, Montreal, July, 2013.
23.	2013, Operator, TVT Interventional Cardiology Live Case Transmissions. St. Paul's Hospital, Vancouver, June, 2013.
24.	2013, Moderator, University of British Columbia, Resident Research Day, May, 2013.
25.	2012, Operator, TCT Scientific Symposium, Miami, Florida. Live Case Transmissions. St Paul's Hospital, Vancouver, BC, October, 2012.
26.	2012 Operator, TVT Interventional Cardiology Live Case Transmissions. St. Paul's Hospital. Vancouver, BC, June, 2012.
27.	2012 CANNeCTIN Spring Meeting, Plenary Session, Toronto, May 2012.
28.	2011, Transcatheter Valve Therapies: Advanced Scientific and Clinical Workshop, Coordinator and Speaker, Pathological Findings in Native, Surgical and Transcatheter Workshop, Vancouver, BC, June, 2011.
29.	2010 Speaker, 15th Annual Okanagan Anesthesia Conference. Vernon, BC. Jan, 2010
30.	2010 Keynote Speaker. 15th Annual Okanagan Anesthesia Conference. Vernon, British Columbia, Canada.

31.	2010 SCAI Live Cases, St Paul's Hospital, Vancouver, BC, May, 2010.
32.	2010 CANNeCTIN Spring Meeting, ACS and Interventional Working Group, Hamilton, Ontario.
33.	2010 Operator, TCT Interventional Cardiology Live Case Transmissions. St. Paul's Hospital. Vancouver, BC. Sept, 2010.
34.	2009 Keynote Speaker. Transcatheter Aortic Valve Replacement: Current Trends and Future Directions. Second Annual "Meeting of the Minds" Cardiovascular Conference. Montauk, New York.
35.	2009 Site Coordinator. TCT Interventional Cardiology Live Case Transmissions. St. Paul's Hospital. Vancouver, British Columbia, Canada.
36.	2009 Course Director. Vascular Intervention System Trainer (VIST): Basic and Advanced Skills Training in the Cardiac Catheterization Laboratory. RCPSC Simulation Summit. Vancouver, British Columbia, Canada.
37.	2008 Site Coordinator. PICS Interventional Cardiology Live Case Transmissions. St. Paul's Hospital. Vancouver, British Columbia, Canada.
38.	2008 Site Coordinator. TCT Interventional Cardiology Live Case Transmissions. St. Paul's Hospital. Vancouver, British Columbia, Canada.
39.	2006 Interventional Cardiology Live Case Organizing Committee. Canadian Cardiovascular Conference. Vancouver, British Columbia, Canada.

## 10.1. SERVICE TO THE UNIVERSITY

### (a) Memberships on committees, including offices held and dates

#### *Other*

1.	2019-Present, Data Governance Committee, Cardiac Services BC
2.	2019-Present, TAVI-SAVR Provincial Planning Group, Cardiac Services BC
3.	2019-Present, Stents & Balloons Deal Governance Steering Committee members, PHSA
4.	2017, Cath Lab Working Group, Lower Mainland Cardiac Program, Cardiac Services BC
5.	2017- Present, Co-Chair, PCI Outcomes Planning Committee, PHSA
6.	2017, Physician Leader, TAVI Simulation Scenario Development Committee, Providence Health Care
7.	2016, VGH Representative, 2016 PCI Outcomes Planning Committee, PHSA
8.	2015-Present, Member, Provincial Steering Committee Structural Heart Disease
9.	2015-Present, Leader, Strategic Planning Interventional Cardiology Team, UBC
10.	2015-Present, Member, Provincial Advisory Panel on Cardiac Health (PAPCH), Cardiac Services BC
11.	2014-Present, Founding Member, Centre For Heart Valve Innovation (CHVI), Vancouver
12.	2013-Present, Member, British Columbia THV Operations Committee
13.	2013-Present, Working Member, CSBC HEARTis Cath Lab Working Group, Cardiac Services BC
14.	2013-Present, Member, UBC Cardiology Education Committee, University of British Columbia
15.	2011-2014, Member Division of Cardiology CVS Working Group, University of British Columbia
16.	2011-Present, Member, Division of Cardiology Mentoring Program, University of British Columbia
17.	2011-2014, Member, CCTA SCCT Canadian IRC Planning Committee
18.	2011-2014, Clinical Lead, Virtual Patient Implementation Committee, University of British Columbia
19.	2010-2014, FMED Block Chair Committee, Faculty of Medicine, University of British Columbia
20.	2010-2014, Student Promotions Committee, Faculty of Medicine, University of British Columbia
21.	2010-2014, Member, UBC Department of Medicine Education Task Force, University of British Columbia
22.	2010-Present, Member, TAVI Medical Advisory Working Group, University of British Columbia
23.	2009-Present, Postgraduate Education in Cardiology Committee, University of British Columbia

24.	2009-Present, Recruitment Committee, Division of Cardiology, University of British Columbia
25.	2009-2014, Steering Committee for the Centre for Health Education Scholarship (CHES), University of British Columbia.
26.	2008 – 2011, Teaching and Learning Enhancement Fund (TLEF) Ranking Committee, University of British Columbia.

**(b) Other service, including dates**

***Other***

1.	2010-2014 FMED Cardiovascular Block Chair, Faculty of Medicine, University of British Columbia
2.	2009-2014 Undergraduate Cardiovascular Curriculum Week Captain, University of British Columbia
3.	2009-2014 Director, UBC Undergraduate Cardiovascular Medical Education
4.	2006 Chief Cardiology Fellow, University of British Columbia
5.	2003 Chief Medical Resident, University of British Columbia

**10.2. SERVICE TO THE HOSPITAL**

**(a) Memberships on committees, including offices held and dates**

**(b) Other service, including dates**

***Other***

1	2010-Present, Member, St. Paul's Hospital, Transcatheter Heart Valve Care Team
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**11. SERVICE TO THE COMMUNITY**

**(a) Memberships on scholarly societies, including offices held and dates**

1	Canadian Medical Association
2	American Society of Internal Medicine/ American College of Physicians
3	Canadian Association for Medical Education
4	British Columbia Representative, Canadian Association of Interventional Cardiology
5	Society Cardiovascular Angiography and Interventions: Interventional Affiliate
6	Society of Cardiovascular Computed Tomography
7	The Canadian Medical Protective Association
8	American College of Cardiology
9	The Royal College of Physicians and Surgeons of Canada
10	Association for Medical Education in Europe
11	College of Physicians and Surgeons of British Columbia
12	British Columbia Medical Association
13	Canadian Cardiovascular Society
14	International Society of Endovascular Specialists (ISEVS)

**(b) Memberships on other societies, including offices held and dates**

**(c) Memberships on scholarly committees, including offices held and dates**

**(d) Memberships on other committees, including offices held and dates**

1.	2020-Present Member CCS HVD Strategy Working Group
2.	2020-Present, Member, CCS COVID-19, Rapid Response Team
3.	2020-Present, Member, CCS Fitness to Drive & Fly Guidelines Panel
4.	2019-Present, President, Canadian Association of Interventional Cardiology (CAIC - ACCI)
5.	2018-Present, Member, CCS TAVI Secondary Panel
6.	2017-2019, President-Elect, Canadian Association of Interventional Cardiology (CAIC - ACCI)
7.	2017-Present, Board of Directors, International Andreas Gruentzig Society (IAGS)
8.	2017-Present, Member, CCS/CAIC Management of ST-Elevation Myocardial Infarction Guideline Primary Panel
9.	2017-Present, Member, CardioVascular Clinical Trialists Forum Middle East, Mediterranean and Africa (CVCT-MEMA)
10.	2015-Present, Member, Executive Committee, Canadian Association of Interventional Cardiology (CAIC)
11.	2015-Present, Member, International Andreas Gruentzig Society (IAGS)
12.	2015-Present, Member, Medtronic Global Advisory Board
13.	Guest Reviewer, Interventional Cardiology Subcommittee Quarterly Review, Royal Columbian Hospital, May 28, 2013

**(e) Editorships (list journals and dates)**

**(f) Reviewer (journal, agency, etc including dates)**

1.	Reviewer, JACC Cardiovascular Intervention 2019
2.	Reviewer, Circulation Cardiovascular Intervention 2019
3.	Reviewer, Canadian Journal of Cardiology, 2019
4.	Reviewer, Abstracts, Canadian Cardiovascular Congress 2012-Present
5.	Reviewer, Abstracts, Transcatheter Valve Therapeutics 2012-Present
6.	Reviewer, Abstracts, Transcatheter Cardiovascular Therapies 2012-Present
7.	Reviewer, Abstracts, American College of Cardiology 2012-Present
8.	Reviewer, JACC: Case Reports 2019
9.	Reviewer, JACC Cardiovascular Interventions 2018
10.	Reviewer, Circulation Cardiovascular Interventions 2018
11.	Reviewer, Circulation 2018
12.	Reviewer, Journal of Geriatric Medicine and Gerontology 2016
13.	Reviewer, SRC Peer Review, Heart and Stroke Foundation, December, 2015 & 2016
14.	Reviewer, European Heart Journal, 2015
15.	Reviewer, Eurointervention, 2015
16.	Reviewer, Circulation , 2015
17.	Reviewer, Journal of Cardiovascular Computed Tomography, 2014
18.	Reviewer, Heart Rhythm Journal, 2014
19.	Reviewer, Catheterization and Cardiovascular Interventions, 2014

**(g) External examiner (indicate universities and dates)**

**(i) Other service to the community**

## **12. AWARDS AND DISTINCTIONS**

**(a) Awards for Teaching (indicate name of award, awarding organizations, date)**

**(b) Awards for Scholarship (indicate name of award, awarding organizations, date)**

1.	2007 G.B. John Mancini Resident Research Achievement Prize
2.	2007 Best Oral Presentation by a Fellow (UBC Resident Research Day)
3.	2007 Joseph J. Diamond Memorial Prize for Cardiovascular Research
4.	2007 Cardiology Research Presentation Award
5.	2006 Joseph J. Diamond Memorial Prize for Cardiovascular Research
6.	2005 AstraZeneca Canada Inc. Award in Acute Cardiology
7.	2001 Victor Hertzman Memorial Prize in Cardiology
8.	2000 Gwynne-Vaughan Memorial Award in Medicine
9.	1999 Gwynne-Vaughan Memorial Award in Medicine
10.	1999 Dr. Ernest Roland Myers Scholarship
11.	1998 MDS Metro Prize in Clinical Pathology
12.	1998 David and Anne Beach Scholarship
13.	1996 - 1992 President's Entrance Scholarship
14.	1996 – 1992 Canada Scholarship in Science and Technology
15.	1995 J. Fred Muir Memorial Scholarship
16.	1994 Walter D. Firth Scholarship

**(c) Awards for Service (indicate name of award, awarding organizations, date)**

**(d) Other Awards**

1.	2019, Luminary Award, Complex Cardiovascular Catheter Therapeutics (C3) Global Summit
2.	2014 Canadian Cardiovascular Society Young Investigator Award Runner-Up
3.	2007 Cardiology Research Presentation Award
4.	2005 Cardiology Research Presentation Award
5.	1993 Academic All Canadian (Varsity Football, UBC)

## **13. OTHER RELEVANT INFORMATION (Maximum One Page)**