



MCGILL DEPARTMENT OF SURGERY

**28TH ANNUAL FRASER N. GURD
SURGICAL RESEARCH FORUM**

**THURSDAY, MAY 25, 2017
MGH, OSLER AMPHITHEATRE, A6-105
13:00 – 14:00**

SEMINAR "FIRST IN MAN"

**Chair: Gerald M. Fried, MD, CM, FRCSC,
FACS, FCAHS**

Speakers: Dr. Elliot L. Chaikof
*Considerations on Reducing
Surgical Innovation to Practice*

Dr. Cherrie Z. Abraham
*Regulatory challenges for
medical device innovation and
the differences living in Canada,
Brazil and the United States*

Dr. Renzo Cecere
*Mechanical Cardiac Assist
Devices: Ethical Challenges in
First-In-Human Implants - An
Illustrative Case*

“Considerations on Reducing Surgical Innovation to Practice”



ELLIOT L. CHAIKOF, MD, PhD
*Chairman of the Roberta and Stephen R. Weiner Department of Surgery
Surgeon-in-Chief at the Beth Israel Deaconess Medical Center
Johnson and Johnson Professor of Surgery at Harvard Medical School*

Elliot L. Chaikof, M.D., Ph.D. is Chairman of the Roberta and Stephen R. Weiner Department of Surgery and Surgeon-in-Chief at the Beth Israel Deaconess Medical Center. Dr. Chaikof is a member of the Wyss Institute of Biologically Inspired Engineering of Harvard University, the Harvard Stem Cell Institute, and holds a faculty appointment in the Division of Health Sciences and Technology at the Massachusetts Institute of Technology.

Dr. Chaikof received his B.A. and M.D. from Johns Hopkins University in Baltimore and his Ph.D. in Chemical Engineering from the Massachusetts Institute of Technology, where his research focused on polymer chemistry, biomaterials, and artificial organs. He completed his training in General Surgery at the Massachusetts General Hospital and in Vascular Surgery at Emory University.

Dr. Chaikof's clinical interests focus on the treatment of vascular diseases of the aorta, carotid, and peripheral arteries. In 1994, he initiated one of the first programs for endovascular aortic aneurysm repair in the United States and was among the core group of principal investigators that conducted the first FDA approved clinical trials of stent-grafts for repair of abdominal and thoracic aortic aneurysms..

Dr. Chaikof's translational research interests lie at the interface of medicine, chemistry, and engineering with a focus on drug discovery and tissue engineering. He has published more than 300 articles and holds approximately two dozen patents.

“Regulatory challenges for medical device innovation and the differences living in Canada, Brazil and the United States”



Cherie Z. Abraham, MD, FRCSC
*Director, Aortic Program, KCVI
Vascular and Endovascular Surgeon,
OHSU*

Cherie Abraham is a Vascular and Endovascular Surgeon in the Division of Vascular Surgery, at OHSU. He has been recently recruited to be the Director of the Aortic Program at KCVI. Dr. Abraham received his medical degree and completed his surgical residency at Dalhousie University, in Halifax. This was followed by fellowships University of Western Ontario, Montefiore Medical Center, in the Bronx, New York, UCSF Medical Center then the Ashford Medical Center in Adelaide, Australia. He served as Program director for the McGill University Advanced Aortic and Peripheral Endovascular Fellowship from 2009-2015.

Dr Abraham has published in The Journal Of Vascular Surgery, and The European Journal of Vascular and Endovascular Surgery. He has collaborated on 5 book chapters on the topic of Advanced Aortic Endovascular Interventions. He is currently a reviewer for the Journal of Vascular Surgery, and the Journal of Endovascular Therapy. Dr Abraham has been instrumental in the evolution of Advanced Endovascular Aortic Programs across Canada, serving as proctor for the majority of Academic Centers across Canada.

Dr Abraham performed the world's first Branched Endovascular Arch aneurysm repair in 2009 at the Jewish General Hospital, in Montreal, QC. He is amongst the most experienced in advanced endovascular intervention for complex aortic aneurysms in the world.

“Mechanical Cardiac Assist Devices: Ethical Challenges in First-In-Human Implants - An Illustrative Case”



Renzo Cecere, MD, FRCSC
*Associate Professor of Surgery,
McGill University
Director, Division of Cardiac Surgery
Surgical Director, Heart Failure & Thoracic Transplant Program
Director, Mechanical Cardiac Assistant Program
McGill University Health Centre*

Renzo Cecere is McGill Chief of Cardiac Surgery, Surgical Director of the Heart Failure and Thoracic Transplant Program and the Director of the Mechanical Cardiac Assist Program. He is Associate Member of the McGill Department of Mechanical Engineering. Dr. Cecere is actively involved in teaching and in research into cardiovascular diseases and treatment of heart failure. He is particularly known for his expertise in the rapidly-evolving field of cardiac assist devices. He leads teams focused on the development of biomedical devices, in the areas of mechanical heart pump design, percutaneous mitral valve therapies, and bioresorbable stent technologies.