

CURRICULUM VITAE
Daniel G. Clair, M.D., FACS

Education

Year	Degree	Field	Institution
1978-1982	B.A.	Mathematics	Hamilton College, Clinton, New York
1982-1986	M.D.	Medicine	University of Virginia School of Medicine Charlottesville, VA

Postdoctoral Training

Internships and Residencies

1986-1987	Internship in Surgery, Brigham and Women's Hospital, Boston, MA
1987-1991	Resident in Surgery, Brigham and Women's Hospital, Boston, MA
1991-1992	Chief Resident in Surgery, Brigham and Women's Hospital, Boston, MA

Clinical and Research Fellowships

1990-1991	American Cancer Society Fellow in Clinical Oncology Brigham and Women's Hospital, Boston, MA
1992-1993	Vascular Surgery Fellowship, Brigham and Women's Hospital, Boston, MA
1993-1994	Associate Surgeon, Brigham and Women's Hospital, Boston, MA
1993-1994	Research Scientist VazoRx, Inc., Woburn, MA

Licensure and Certification

1993	American Board of Surgery #38030 – Certified in the Specialty of Surgery expires 7/1/2024
1995	American Board of Surgery #100530 -Certified in the Specialty of Vascular Surgery – expires 7/1/2025
1998	Ohio License Registration #074786 – expires 4/01/2017
2002	New York License Registration #224768 – expires 10/31/2017
2012	ACLS/BLS Certification – American Heart Association – expires 01/2017
2016	South Carolina License registration # 39174 – expires 6/30/2019

Military Service

1994-1998	Assistant Professor of Surgery, Uniformed Services University Health Sciences, Bethesda, Maryland
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Academic Appointments

1986-1991	Clinical Fellow in Surgery, Harvard Medical School, Boston, MA
1991-1994	Instructor in Surgery, Harvard Medical School, Boston, MA
1994-2012	Assistant Professor of Surgery, Uniformed Services University Health Sciences, Bethesda, MD

2002-2003	Assistant Professor of Surgery, Columbia College of Physicians & Surgeons, New York, NY
2002-2003	Adjunct Assistant Professor of Surgery, Weill Medical College of Cornell University, New York, NY
2008-2016	Professor of Surgery, Cleveland Clinic Lerner College of Medicine of Case Western Reserve University, Cleveland, OH
2016-Present	Professor of Surgery – University of South Carolina School of Medicine Columbia, SC

Hospital Appointments

1998-2002	Vice Chairman, Department of Vascular Surgery, Cleveland Clinic Foundation, Cleveland, OH
2002-2003	Site Chief/Attending in Surgery, Columbia Weill Cornell Division of Vascular Surgery, New York Presbyterian Hospital, New York, NY
2004-2005	Vice Chairman/Program Director /Department of Vascular Surgery, Cleveland Clinic Foundation, Cleveland, OH
2005 – 2006	Interim Chairman/Program Director – Department of Vascular Surgery, The Cleveland Clinic, Cleveland, OH
2006-2012	Program Director – Department of Vascular Surgery The Cleveland Clinic, Cleveland, OH
2006-2015	Chairman – Department of Vascular Surgery The Cleveland Clinic, Cleveland, OH
2015-2016	Staff Physician – Department of Vascular Surgery The Cleveland Clinic, Cleveland, OH
2016-Present	Chairman - Department of Surgery – Palmetto Health-USC Medical Group Columbia, SC

Awards and Honors

1982	Phi Beta Kappa
1984	Alpha Omega Alpha
1991	F.D. Moore Resident Teaching Award, Brigham & Women's Hospital
2003	The Society for Vascular Surgery - Distinguished Fellow

Teaching Experience

1992-2000	Advanced Trauma Life Support Instructor, American College of Surgeons
1999-2002	Director, Endovascular Surgical Fellowship, The Cleveland Clinic Foundation From 1999-2002 a total of 25 trainees including: Richard Cambria, M.D. - Chief of Vascular Surgery - Massachusetts General Hospital K. Craig Kent, M.D. - Chief of Vascular Surgery - Columbia Weill Cornell Division of Vascular Surgery John Eidt, M.D. - Chief of Vascular Surgery - University of Arkansas, Little Rock Sean O'Donnell, M.D. - Chief of Vascular Surgery - Walter Reed Army Medical Center Glenn LaMuraglia, M.D. - Associate Professor of Surgery - Harvard Medical School

Memberships in Professional Organizations/Societies

1998	International Society for Endovascular Surgery
1998	American College of Surgeons
1998	Ohio Chapter, American College of Surgeons
1998	The American Registry of Diagnostic Medical Sonographers (ARDMS)
1999	Stroke Council, American Heart Association
1999	Peripheral Vascular Surgical Society
1999	Midwestern Vascular Surgical Society
2000	Eastern Vascular Society
2001	American Association for Vascular Surgery
2003	Society for Vascular Surgery
2004	International Society for Vascular Surgery
2006	Society for Clinical Vascular Surgery
2008	Society for Vascular Ultrasound
2009	The American Venous Forum
2016	Society of Surgical Chairs

Committee Assignments – National, Regional, Local

2011-2016	Academic Department of Surgery Committee (The Cleveland Clinic)
2011	Summit 2011 Steering Committee (The Cleveland Clinic)
2011-2016	Heart & Vascular Institute Executive Council (The Cleveland Clinic)
2010-2011	Association of Program Directors in Vascular Surgery (APDVS) Executive Council/Issues Committee Chair
2009-2016	HVI Website Committee (The Cleveland Clinic)
2008-2010	Patient Complaint Monitoring Committee (The Cleveland Clinic)
2009-2010	Vascular Surgery Innovations Council (The Cleveland Clinic)
2006-2009	X-Ray Quality Assurance Committee (The Cleveland Clinic)
2004-2006	The Society of Vascular Surgery Program Committee
2011-Present	The Society of Vascular Surgery Education Council
2012-2015	Regional Medical Director of the Great Lakes Vascular Study Group
2013-2019	Member – Vascular Surgery Board of the American Board of Surgery
2015-2019	Member – Eastern Vascular Society Program Committee
2016-Present	Member-at-Large – Society for Vascular Surgery Nominating Committee
2016-Present	Member - PH-USC Medical Group Clinical Advisory Committee Executive Subcommittee
2016-Present	Member – University of South Carolina School of Medicine Executive Committee
2016-Present	Graduate Medical Education Committee (Palmetto Health-USC Medical Group)
2016-Present	Strategic Planning Research Subcommittee (Palmetto Health-USC Medical Group)
2016-Present	Founder – Palmetto Health Executive Council for General Surgery

Editorial Boards and Journal Review

2009-present	Section Editor – Vascular Disease Management
2006-2009	Member - Editorial Board of the Journal of Vascular Surgery
2006-Present	Member – Editorial Advisory Board of Vascular Disease Management
2006-Present	Journal of Vascular Surgery
2006-Present	Journal of Endovascular Therapy
2016-Present	Member – Editorial Board of the Journal of Vascular and Endovascular Surgery

Research Support

2002 Cornell/Columbia. Laparoscopic access to the iliac arteries for placement of iliac conduits in aortic endografting. Daniel G. Clair, MD. Principal Investigator. \$50,000

Industry Sponsored Clinical Trials

1998-2002 A Controlled Phase II Evaluation of the Safety and Efficacy of the AneuRx Endovascular Prosthesis System in the Treatment of Abdominal Aortic Aneurysms (AAA) Compared to Open Surgical Repair. Site Principal Investigator, Cleveland Clinic Foundation

1998-2002 Phase III Evaluation of the Safety and Efficacy of the AneuRx Stent Graft System in the Treatment of Abdominal Aortic Aneurysms (AAA). Site Principal Investigator, Cleveland Clinic Foundation

1998-2002 Clinical Study of the Bifurcated EGS System as Compared to the Standard Surgical Procedure in the Treatment of Abdominal Aortic Aneurysms (AAA) EnAct-B. Site Principal Investigator, Cleveland Clinic Foundation

1998-2002 Clinical Study of the Tube EGS System as Compared to the Standard Surgical Procedure in the Treatment of Abdominal Aortic Aneurysms (AAA) EnAct-T. Site Principal Investigator, Cleveland Clinic Foundation

1999-2002 Study of the COOK Endovascular Zenith AAA Endovascular Graft. Site Principal Investigator, Cleveland Clinic Foundation

1999-2002 A Clinical Study Comparing Use of the Excluder Bifurcated Endoprosthesis to Open Surgical Repair in the Treatment of Abdominal Aortic Aneurysms. Site Co-Investigator, Cleveland Clinic Foundation

1999-2002 A Clinical Study Comparing Use of the Thoracic Excluder Endoprosthesis to Open Surgical Repair in the Primary Treatment of Descending Thoracic Aneurysms. Site Co-Investigator, Cleveland Clinic Foundation

2000-2002 A Multicenter Pilot Study to Evaluate the Safety and Efficacy of Escalating Doses of Retavase With or Without ReoPro in Patients with Acute or Subacute Peripheral Arterial Occlusive Disease. Site Principal Investigator, Cleveland Clinic Foundation

1999-2002 An Investigation of the TALENT Endoluminal Spring Stent-Graft System for the Treatment of the Sub-Renal Abdominal Aortic Aneurysms in Patients Who Are Candidates for Standard Surgical Intervention. Site Principal Investigator, Cleveland Clinic Foundation

1999-2002 Investigation of the Endologix Bifurcated Powerlink Device for the Treatment of Abdominal Aortic/Aorto-iliac/ and Iliac Artery Aneurysms. Site Principal Investigator, Cleveland Clinic Foundation

1999-2002 Investigation of the Wallgraft Endoprosthesis and the Unistep Plus and LS Delivery System for Peripheral Aneurysm and Trauma. Site Investigator, Cleveland Clinic Foundation

1999-2002 Investigation of the Wallgraft Endoprosthesis and The Unistep LS and PLUS delivery System for Complex Iliac Stenosis and Occlusion. Site Investigator, Cleveland Clinic Foundation

2000-2002 Stenting and Angioplasty with Protection in Patients at High-Risk For

Endarterectomy (SAPPHIRE) Trial. Site Investigator, Cleveland Clinic Foundation

2000-2002 A Prospective, Non-randomized Evaluation of the Vascular Architects ASPIRE Covered Stent for the Treatment of Peripheral Arterial Occlusive Disease. Site Principal Investigator, Cleveland Clinic Foundation

2000-2003 Emergency/Compassionate Use of the TALENT™LPS Endoluminal Spring Stent –Graft System in Patients with Aortic or Iliac Aneurysms (IDE Number G970065/S113). Co-investigator, New York Presbyterian Hospital

2002-2003 A Phase III, Multi-Center Randomized, Double-Blinded, Placebo Controlled Trial Of The Ex-Vivo Treatment With CGT003 of Peripheral Vein Grafts in Patients Undergoing Peripheral Artery Bypass Graft Procedures. Co-investigator New York Presbyterian Hospital

2002- 2003 IDE # G20222 Endovascular Exclusion Of AAA In High-Risk Patients With Large Aortic And Iliac Artery Anatomy . Study Principal Investigator, New York Presbyterian Hospital

2002-2003 IDE # G020223 Endovascular Stented Grafts For The Repair Of Thoracic Aortic Aneurysms In Medically High Risk Patients. Co-investigator, New York Presbyterian Hospital

2002-2003 Carotid Artery Revascularization Using the Boston Scientific EPI FilterWire EX™ and the EndoTex™ NexStent™. TEX 2001-001 (Cabernet Clinical Trial). Site Principal Investigator, New York Presbyterian Hospital.

2002-2003 Pivotal, Multicenter, Prospective, Controlled, Non-Randomized Trial to Evaluate the Safety and Effectiveness of the Lifepath AAA Bifurcated Graft in Patients with Infrarenal Abdominal Aortic Aneurysms (Study 2001-02). Co-investigator, New York Presbyterian Hospital.

2002-2003 The MAVERIC II Trial-Evaluation of the Medtronic AVE Self Expanding Carotid Stent System with Distal Protection in the Treatment Of Carotid Stenosis. Site Principal Investigator, New York Presbyterian Hospital.

2002-2003 A Prospective, Multicenter Study Of The Cordis Endovascular Quantum Lp™ Stent Graft System For The Treatment Of Abdominal Aortic Aneurysms (AAA) PROTOCOL P01-4601. Co-investigator, New York Presbyterian Hospital.

2003 CAMPER: Effects of Clopidogrel vs. Placebo on a Background of Standard Care including Aspirin, in Maintaining Patency of Lower Lomb Arteries after Angioplasty. PROTOCOL No. EIV 7920. Sub-investigator, New York Presbyterian Hospital

2004-2006 Phase II Double-Blind, Randomized, Placebo-Controlled Study to assess the safety and efficacy of AMG0001 to Improve Perfusion in critical leg ischemia (AnGes) Site Principal Investigator, The Cleveland Clinic Foundation.

2004-2010 Carotid Revascularization: Endarterectomy vs. Stent Trial (CREST) Site Principal Investigator, The Cleveland Clinic Foundation.

2004-2010 Feasibility Evaluation of the CardioMEMS Abdominal Aortic Aneurysm Pressure Sensor System, Site Principal Investigator, The Cleveland Clinic Foundation.

2004-2006 Thoracic Aortic Catastrophes (Gore) Sub-investigator, The Cleveland Clinic Foundation.

2004-2005 Randomized, controlled Multicenter Trial of Vacuum Assisted Closure Therapy in the Treatment and Blinded Evaluation of Venous Stasis Ulcers (VAC2002-02) Site Principal Investigator, The Cleveland Clinic Foundation.

2004-2006 Clinical Study comparing use of the Bifurcated EXCLUDER Endovascular Prosthesis to Open Surgical Repair in the Treatment of Infrarenal AAA, Site Principal Investigator, The Cleveland Clinic Foundation.

2004 –2006 A Controlled Phase II Evaluation of the Safety and Efficacy of the AneuRx Aorto-Uni-iliac (AUI) Stent Graft System in the Treatment of AAA Compared to Open Surgical Repair, Site Principal Investigator, The Cleveland Clinic Foundation.

2004-2006 A Phase III Evaluation of the Safety and Efficacy of the AneuRx Stent Graft System in the Treatment of AAA, Site Principal Investigator, The Cleveland Clinic Foundation.

2005-2006 TriVascular Stent Graft system, Phase II AAA Study, Site Principal Investigator, The Cleveland Clinic Foundation.

2005-2006 Improve Perfusion in Critical Leg Ischemia (AnGes), Site Principal Investigator, The Cleveland Clinic Foundation.

2006-2007 MASCOT Claudication Trial, Site Principal Investigator, The Cleveland Clinic

2006-2007 Rheos Feasibility Trial, Site Principal Investigator, The Cleveland Clinic

2006-2009 EMPIRE Trial – Flow Reversal System for Carotid Stenting, National Site Investigator, The Cleveland Clinic.

2007-2014 Sapphire World Wide – Carotid Artery Registry, Principal Investigator, The Cleveland Clinic.

2007-2014 Aptus Endovascular AAA Stent Graft-Pivotal Study, Principal Investigator, The Cleveland Clinic.

2007-2012 Gore AAA Large Diameter Trial (Gore, Inc), Co-investigator, The Cleveland Clinic.

2007-2012 Gore TAA Large Diameter Trial. Co-investigator. The Cleveland Clinic.

2007-2016 Phase II Relay Thoracic Stent Graft. Co-investigator. The Cleveland Clinic.

2007-2011 CREATE-Protégé Stent System & Spider FX Embolic Protection in High Risk Patients (eV3). Co-investigator. The Cleveland Clinic.

2007-2009 BRAVO-EKOS Ultrasound Accelerated Thrombolysis with Lytic Bolus for Resolution of Arterial and Venous Occlusions. Co-investigator. The Cleveland Clinic.

2007-2013 Atrium iCast Covered Iliac Stent Pivotal Study. Co-investigator. The Cleveland Clinic.

2008-2011 CABANA – A Carotid Stenting Boston Scientific Surveillance Program: Carotid Wallstent Monorail Endoprosthesis FilterWire EZ Embolic Protection System (Primary Investigator)

2008-2015 Endurant Stent Graft and Endurant Delivery System and the Talent Occluder System. Co-Investigator. The Cleveland Clinic

2008 -2011 GORE Embolic Filter in Carotid Stenting for High Risk Surgical Subjects. Co-Investigator. The Cleveland Clinic.

2008-2011 Endothelial Function in Human Peripheral Arteries (Co-Investigator)

2009-2010 Vascutek Anaconda Stent Graft System Phase II Study, Co-Investigator, The Cleveland Clinic.

2009-2016 Zenith Low Profile AAA Endovascular Graft Indications for use: endovascular treatment of patients with abdominal aortic-iliac, or iliac aneurysms having morphology suitable for endovascular repair, Co-Investigator, The Cleveland Clinic

2009-2012 Zenith Dissection Endovascular System Clinical Investigation, Co-Investigator, The Cleveland Clinic

2009-2012 Evaluation of the GORE Conformable TAG® Thoracic Endoprosthesis for Treatment of Acute Complicated Type B Aortic Dissection, Co-Investigator, The Cleveland Clinic

2009-2013 A Boston Scientific Trial of the EPIC™ Nitinol Stent System in the Treatment of Atherosclerotic Lesions in Iliac Arteries, National PI, The Cleveland Clinic

2010-2016 A Clinical Study to Evaluate the Safety and Performance of the TriVascular AAA Stent Graft System, PI, The Cleveland Clinic

2010-2012 Prospective, Single Arm, Multicenter Clinical Evaluation of the Safety and Effectiveness of the Phoenix Atherectomy System™ in Atherectomy of the Peripheral Vasculature “EASE Study”, Co-Investigator, The Cleveland Clinic

2010-2011 Comparison of Safety and Primary Patency Between FUSION™ Vascular Graft, FUSION™ Vascular Graft with BiolinE, and EXXCEL™ Soft ePTFE (FINEST), Co-Investigator, The Cleveland Clinic

2010-2016 Marrow Stim™ PAD Kit for the Treatment of Critical Limb Ischemia (CLI) in Subjects with Severe Peripheral Arterial Disease (PAD), Co-Investigator, The Cleveland Clinic

2010-2013 PEARL II Registry: Peripheral Use of AngioJet Rheolytic Thrombectomy with a Variety of Catheter Lengths, Co-Investigator, The Cleveland Clinic

2010-2016 Prospective, Multicenter, Randomized Controlled Trial of Bilateral Percutaneous Endovascular Aneurysm Repair (PEVAR) vs. Standard Endovascular Aneurysm Repair (SEVAR) Using the IntuiTrak™ Endovascular AAA Delivery System

2011-2012 Carotid Sinus Autonomic Response Mapping Study (C-Map) Medtronic. Principal Investigator

2012-2016 Anchor - Aneurysm Treatment using the HeliFX Aortic Securement System Global Registry - Principal Investigator

2012-2016 Investigation of Flow Altered, Short Transcervical Carotid Artery Stenting in Patients with Significant Carotid Artery Disease with Filter, the Roadster Plus Study - Principal Investigator

2012-2016 Prospective, Multicenter, Single Arm Safety and Effectiveness Trial of the Endologix Fenestrated Stent Graft System for the Endovascular Repair of Juxtarenal/Pararenal (JAA/PAA) Aneurysms - National PI

2012–2016 EUCLID – Examining Use of ticagrelor In paD: A randomized, double-blind, parallel group, multicentre phase IIIb study to compare ticagrelor with clopidogrel treatment on the risk of cardiovascular death, myocardial infarction and ischemic stroke in patients with established Peripheral Artery Disease - Co-Investigator

2013-2016 Evaluation of the Gore EXCLUDER Iliac Branch Endoprosthesis for the Treatment of Common Iliac Artery or Aorto-Iliac Aneurysms - Co-Investigator

2013-2016 (FORMAT) CLINICAL INVESTIGATION PLAN OF THE COOK FORMULA™ 535 ILIAC BALLOON-EXPANDABLE STENT – Co-Investigator

2014-2016 (NELLIX) Endologix - A Prospective, Multicenter, Single-Arm Safety & Effectiveness Study of Endovascular Abdominal Aortic Aneurysm Repair using the NELLIX System – Principal Investigator

2014-2016 (Endomax) ENDOvascular Interventions with AngioMAX – Principal Investigator

2014-2016 PRESERVE - Zenith Iliac Branch Clinical Study – Co-Investigator

2014-2016 (BEST) Trial to Compare Best Endovascular versus Best Surgical Therapy in Patients with Critical Limb Ischemia – Co-Investigator

2014-2016 (SCAFFOLD) Gore Carotid Stent Clinical Study for the treatment of carotid artery stenosis in patients at increased risk for adverse events from carotid endarterectomy – Principal Investigator

Invited Presentations/Lectures

1999

1. Management of Perioperative Stroke Following Carotid Endarterectomy
Hospital of Pennsylvania Course on Interventional Therapy
Philadelphia, Pennsylvania, March 15, 1999.
2. Iliac Artery Occlusion: Options for Treatment European Endovascular Therapy
Course, Paris, France, May 17, 1999.
3. An Evaluation of the Economic Impact of Endovascular Aortic Aneurysm Repair
Eastern Vascular Society, June 1999.
4. Acute Lower Extremity Ischemia Society of Vascular Medicine and Biology
Washington, DC, June 1999.
5. Results of Endovascular AAA Repair And Future Considerations
Brazilian Society of Vascular Surgery Sao Paulo, Brazil, August 1999.
6. Patient Selection and Indications For Endovascular Repair Of Abdominal Aortic
Aneurysm Brazilian Society of Vascular Surgery, Sao Paulo, Brazil, August 1999.
7. Intravascular Ultrasound in Peripheral Interventions Brazilian Society of
Vascular Surgery, Sao Paulo, Brazil, August 1999.
8. Results of Renal Artery Intervention And Future Trends Brazilian Society of
Vascular Surgery, Sao Paulo, Brazil, August 1999.
9. Percutaneous Endovascular Repair of Infrarenal Abdominal Aortic Aneurysms
Midwestern Vascular Surgical Society Chicago, Illinois, September 22, 1999.
10. Training of Endovascular Surgeons Midwestern Vascular Surgical Society
Chicago, Illinois, September 22, 1999.

2000

1. Durability of Aortic Stent Grafts Ohio Chapter American College of Surgeons
Dayton, OH, May 11-13, 2000.
2. Thrombolysis for Use in Arterial and Venous Thrombosis of the Extremities
Institute for Continuing Healthcare Education, Orlando, Florida, May 18, 2000.
3. The Recommendation of a Vascular Surgeon, Paris Course on Revascularization
Paris, France, May 23-26, 2000.
4. The Role of the Vascular Surgeon Treating PAOD Today and Tomorrow
Paris Course on Revascularization, Paris, France, May 23-26, 2000.
5. The Interventional Vascular Surgeon: Is it Desirable and What are the
Implications: Paris Course on Revascularization, Paris, France, May 23-26, 2000.
6. Peripheral Angioplasties: The Critical Standpoint of the Vascular Surgeon
Paris Course on Revascularization, Paris, France, May 23-26, 2000.
7. Abdominal Aortic Aneurysm in High-Risk Patients: Endovascular and Open Surgical Repair.
The Society for Vascular Surgery 54th Annual Meeting
San Francisco, California, June 11-14, 2000.
8. A Critical Evaluation of Superficial Femoral Artery Angioplasty: Long-Term Patency and
Predictors of Failure. The Society of Vascular Surgery 54th Annual Meeting, San Francisco,
California, June 11-14, 2000.
9. Chronic Mesenteric Ischemia: Open Surgery vs. Percutaneous Angioplasty and
Stenting. The Society of Vascular Surgery 54th Annual Meeting, San Francisco,

- California, June 11-14, 2000.
11. New Alternative to Urokinase: Is There an Associated Increase in Hemorrhagic Complication? The Society of Vascular Surgery 54th Annual Meeting, June 11-14, 2000.
 12. Post operative Aortic Endograft Surveillance: Criteria for Secondary Intervention. Great Lakes Endovascular Symposium, Detroit, MI, September 22-23, 2000.
 13. New Pharmacologic Therapies for the Treatment of PVD. Center for Health Care Education, Orlando, Florida, October 12, 2000.

2001

1. Aortic Reconstruction: New Trends. New York Presbyterian Hospital, New York Medical Center, Department of Surgery Grand Rounds, February 7, 2001.
2. The Changing Face of Aortic Reconstruction. Brigham and Women's Hospital Boston MA, Department of Surgery Grand Rounds, May 3, 2001.
3. Carotid Artery Stenting: When, How, Do's And Don'ts. Eastern Vascular Society, Washington DC, May 10, 2001.
4. Complex Pelvic Interventions. Paris Course on Revascularization, Paris, France, May 21, 2001.
5. SFA Stenting: Is The SFA Stentable? Paris Course on Revascularization, Paris, France, May 21, 2001.
6. Contemporary Management of Type B Aortic Dissections. Paris Course on Revascularization, Paris, France, May 21, 2001.
7. The Technical Aspects of AAA Stent Grafting. Orlando Peripheral Interventional Therapy Course, Orlando, Florida, June 30, 2001.
8. Valuable Lessons In AAA Stent Grafting. Orlando Peripheral Interventional Therapy Course, Orlando, Florida, June 30, 2001.
9. Iliac Artery Aneurysms. Great Lakes Endovascular Symposium, Detroit, MI, October 19, 2001.
10. Aortic Endografts. Department of Surgery Grand Rounds, Cleveland Clinic Foundation, Cleveland, OH, November 5, 2001.
11. Aneurysm Sac Pressure Measurements Following Endovascular AAA Repair. New Horizons in Vascular and Endovascular Therapy, New York, NY, November 14, 2001.

2002

1. Carotid Artery Stenting: Experimental, Research Project or Routine Clinical Tool 50th Annual Meeting of the Chilean Chapter, American College of Surgeons, Santiago, Chile, May 22, 2002.
2. Technology: Changing the Way We Treat Vascular Disease. Presentation to the Board of Trustees, New York Presbyterian Hospital, June 2002.
3. Changing Methods of Renal Artery Reconstruction. Stamford Hospital, Department of Cardiology Grand Rounds, Stamford, Connecticut, September 20, 2002.
4. Innovative Therapies for the Treatment of Vascular Disease. New York Hospital Medical Center, Department of Medicine Grand Rounds, New York NY, October 10, 2002.
5. New Methods for Treating Aortic Pathology. New York Hospital Medical Center, Department of Surgery Grand Rounds, New York, NY, October 15, 2002.
6. Aortic Dissection – Current Options for Treatment. Columbia Presbyterian Medical Center, Department of Cardiology Grand Rounds, New York, NY, October 31, 2002.
7. Training the Next Generation of Vascular Surgeons. Society of Academic

Surgery, Columbia Presbyterian Medical Center, New York, NY, November 8, 2002.

2003

1. The Changing Face of Aortic Surgery. Winthrop University Hospital, Department of Surgery Grand Rounds, Mineola, Long Island, NY, January 13, 2003.
2. Update in Endovascular AAA Repair: The Ancure Device is a Better Choice. The Second Vascular and Endovascular Interventions Symposium, Toledo, OH, April 4 & 5, 2003.
3. New Devices for Endovascular AAA Repair-Are They Better? The Second Vascular and Endovascular Interventions Symposium, Toledo, OH, April 4 & 5, 2003.
4. Abdominal Aortic Aneurysms: Medical, Endovascular and Operative Management. Columbia Weill Cornell Division of Vascular Surgery Vascular Disease 2003, New York, NY March 14, 2003.
5. Management of Extra-Cranial Arterial Occlusive Disease. Columbia Weill Cornell Division of Vascular Surgery Vascular Disease 2003, New York, NY March 14, 2003.
6. Endovascular Therapy for Aortic Dissection. Eighteenth Annual Westchester Vascular Symposium, Valhalla, NY March 26, 2003.

2004

1. New Developments in Peripheral Artery Thrombolytic Therapy, International Congress XVII on Endovascular Interventions, Phoenix, AZ February 8-12,2004.
2. Small Abdominal Aortic Aneurysm: Repair, Don't Observe; Carotid Artery Angioplasty and Stenting, 3rd Vascular & Endovascular Interventions Symposium Medical College of Ohio, Toledo, OH, April 30 – May 1, 2004.
3. Techniques of Infrapopliteal-Tibial Interventions –Society for Vascular Surgery Anaheim, CA June 3-6, 2004
4. Occlusive Disease: Carotid Cleveland Clinic Foundation Vascular Surgery Stent Summit August 2004
5. Thoracic Endografts: Tips and Problem Solving. Cleveland Clinic Foundation Vascular Surgery Stent Summit August 2004.
6. Aortoiliac Occlusive Disease – Endovascular Therapy is Best. Cleveland Clinic Foundation Vascular Surgery Stent Summit August 2004.
7. Options for Carotid Therapy in the Future: Devices in Clinical Trial. Midwestern Vascular Surgical Society, Omaha, NE September 9-11, 2004.
8. Subintimal Angioplasty: A Stand Alone Technique – ACS 90th Annual Clinical Congress, New Orleans, LA October 10-14, 2004
9. New Developments in Lysis & Other Treatments for DVT & Arterial Thromboemboli. Veith Symposium, New York, NY November 18-21, 2004.

2005

1. Carotid Skills Course. Society for Vascular Surgery. Chicago, IL. April 18-19, 2005.
2. Diseases and Treatment of Abdominal Aortic Aneurysms. Society for Biomaterials/Meeting & Exposition, Memphis, TN April 27-30, 2005.
3. The Surgical Approach to Critical Limb Ischemia, Live Case Demonstrations Below the Knee Conference, Chicago, IL May 19-21, 2005.
4. Technical Aspects of Carotid Stenting. Society for Vascular Surgery Annual Meeting, June 14-19, 2005 Chicago, IL.
5. Clarification SFA: Endovascular Treatment should be first line for Claudication –Society for Vascular Surgery Annual Meeting, June 14-19, 2005 Chicago, IL

6. Tibial Artery Interventions – Midwestern Vascular Surgical Society, September 15-17, 2005 Chicago, IL
7. Surgical Options for Critical Limb Ischemia, Live Case Demonstrations Below the Knee Conference, September 15-17, 2005 Atlanta, GA
8. Treatment of Small AAAs and the PIVOTAL Trial – Medtronic Endovascular Innovations Technology Exchange, October 3-4, 2005 Minneapolis, MN
9. Facts, Fiction & the Future of Endovascular Aortic Therapy-sponsored by Medtronic – October 13, 2005 Cincinnati, OH
10. Controversies in the Management of Aortic Aneurysms. American College of Surgeons 91st Clinical Congress October 16-20, 2005 San Francisco, CA
11. Expanding Methods of Treating Ischemic Ulcers of the Foot. 18th Annual Super Saver Seminar – Northeastern Ohio Academy of Podiatric Medicine – October 23, 2005 Cleveland, OH
12. Technical Aspects of Carotid Stenting – CELA Conference (Endovascular Surgeons of Latin America) November 10-12, 2005 Chilean, Chile
13. Embolic Protection Strategies. Carotid CME Event Sponsored by Medtronic. VEITH Symposium – November 19, 2005 New York, NY
14. Course Coordinator for Carotid Stenting for the Vascular Surgeon –sponsored by the Society for Vascular Surgery – December 1-2, 2005 Chicago, IL
15. Trends in Vascular Surgery – New Techniques & Technologies in Vascular Surgery. Northwestern University Feinberg School of Medicine – December 8-10, 2005 Chicago, IL

2006

1. New Advances in Critical Limb Ischemia – sponsored by FoxHollow – January 26-28, 2006. Dallas, TX
2. Peripheral/Endovascular Intervention. Boston Basic Science Seminar sponsored by Harvard University & W.L. Gore. March 16, 2006. Boston, MA
3. Cardiovascular Disease: Heart & Lower Extremities. Lorain Community College Health Talk. March 30, 2006 Lorain, OH
4. Peripheral Interventions. CRT 2006 Conference.– April 5, 2006. Arlington, VA.
5. Endoluminal Therapy for Thoracic Aortic Disease. 2nd Annual Vascular Symposium sponsored by Grant Medical Center. April 28, 2006. Columbus, OH.
6. New Advances in Critical Limb Ischemia. FoxHollow. April 27, 2006. Philadelphia, PA
7. Available Aortic Devices: Which One to Choose for What. Cardiovascular Transcatheter Devices. May 4-6, 2006 – sponsored by the Cleveland Clinic. Cleveland, OH
8. Society For Vascular Surgery Annual Meeting (Course Director) – May 31, 2006. Philadelphia, PA
9. Interventions at the Popliteal Level. Society for Vascular Surgery Annual Meeting – June 1-4, 2006
10. Paradigm Shift: New Approaches to Iliofemoral Disease. Society for Vascular Annual Meeting – June 1-4, 2006.
11. The Society for Vascular Medicine and Biology- faculty for the SVMB Board Review Course. June 4, 2006, Philadelphia, PA.
12. Vascular Surgery Symposium – presenter/ live cases using SilverHawk sponsored by FoxHollow. New York, NY, July 13-14, 2006.
13. Endovascular Therapies, Tibial Angioplasty, Neurological Complications after Thoracic Stent-Grafting, Fenestrated Endovascular Grafting and Management of Ruptured AAA. The Australian and New Zealand Society for Vascular Surgery Cairns Convention Centre, September 1-6, 2006, Cairns QLD, Australia.
14. Why We Need a Small Aneurysm Trial. Midwestern Vascular Surgical Society 30th Annual Meeting. September 7-9, 2006, Cleveland, OH.

15. Renal Artery Disease, Management of AAA: What Are the Current Recommendations. Live Case Demonstrations. VIVA (Vascular Interventional Advances) National Meeting. Faculty, September 26-29, 2006, Las Vegas, NV.
16. Why Should High Risk Patients be Managed with CAS: SAPPHIRE Trial Results? American College of Surgeons 92nd Annual Clinical Congress. October 8-12, 2006, Chicago, IL.
17. Non-Interventional Therapies for Treating Claudication. National Vascular Surgery Summit: Crossing into New Territory – sponsored by FoxHollow. Course Director/Faculty. October 12-14, 2006 Denver, Co.
18. Infrapopliteal Disease and Rationale for Treating Smaller Aneurysms and the PIVOTAL Trial. TCT 2006 – 18th Annual Scientific Symposium. Faculty. October 22-27, 2006, Washington, DC.
19. Endovascular Treatment of Visceral Arteries and presentation on the CABERNET Clinical Trial. VEITH Symposium, Faculty member. November 15-19, 2006, New York, NY.
20. Carotid Artery Stenosis: Endarterectomy vs. Stenting in the Asymptomatic Patient. Update on Stroke & Cerebrovascular Diseases (sponsored by the Cleveland Clinic). December 8, 2006, Cleveland, OH.
21. Endovascular Management of Iliac Artery Occlusion. 31st Annual Northwestern Vascular Symposium, Trends in Vascular Surgery. Faculty. December 14, 2006, Chicago, IL.

2007

1. Carotid Stenting “Will (should) it Replace Carotid Endarterectomy? Hackensack University Medical Center. Visiting Professor. January 16, 2007, Hackensack, NJ.
2. Flow Reversal, A New Concept. Total Endovascular Carotid 1 Symposium. Faculty. March 10, 2007, Houston, TX.
3. Aortic dissection and endovascular therapies and Carotid Intervention-challenging anatomy or deciding whom to offer intervention. Joint Polish-American Meeting on Progress in Anesthesiology & Surgery. April 18-21, 2007, Bydgoszcz, Poland.
4. Infrapopliteal. SCAI 30th Annual Scientific Session. May 9-12, 2007, Orlando, FL.
5. Should We Be Lowering Our Threshold for the Treatment of Claudication? Impact of the availability of endovascular therapy and Based on the Results of the VA-35 Trial: Should we stop doing carotid stents? New York Presbyterian Hospital Division of Vascular Surgery/Columbia University College of Physicians, Innovations in Vascular & Endovascular Surgery. May 11, 2007, New York, NY.
6. Options for Lower Extremity Revascularization. University of Pittsburgh, Visiting Professor. May 22-23, 2007. Pittsburgh, PA.
7. Carotid Artery Imaging and Access, Reimbursement Strategies for Cross-sectional Imaging Studies and Endovascular Procedure Planning. Society for Vascular Surgery Annual. June 6-10, 2007. Baltimore, MD.
8. Small AAA. Society for Vascular Medicine and Biology Annual Scientific Session. June 8, 2007. Baltimore, MD.
9. Silverhawk Atherectomy. Midwestern Vascular Surgical Society 31st Annual Meeting, presenter. September 6, 2007. Chicago, IL.
10. Aortic Arch Aneurysm. Transcatheter Therapy for Structural Cardiovascular Disease – Interactive Case Presentations – Co-presenter. October 4, 2007, Cleveland, OH.
11. What Can We Make of the Conflicting Carotid Stenting Data? Gulf Coast Vascular Society, Visiting Professor. October 6, 2007. New Orleans, LA.
12. The Contemporary Management of the Acutely Ischemic Limb: Thrombolysis, Mechanical Thrombectomy or Emergent Open Surgery- Patient selection & outcomes. American College of Surgeons Clinical Congress, presenter. October 7-11, 2007. New Orleans, LA.

13. Surgical Approach to Lower Extremity Disease. TCT (Transcatheter Cardiovascular Therapeutics). October 20-25, 2007. Washington, DC.
14. New Developments in Carotid Stenting - Advantages & Disadvantages of Various Embolic Protection Devices. VEITH Symposium, presenter. November 14-18, 2007. New York, NY.
15. Extending the interventional options for severe aortoiliac occlusive disease, Percutaneous & surgical therapy for limb-threatening ischemia, Endovascular therapy for aortic dissection, Fenestrated endografts for treatment of juxtarenal and aortic arch aneurysms. Congreso de Cardiología, December 3-5, 2007. Santiago, Chile.

2008

1. Aggressive Endovascular Therapy for Aortic Occlusive Disease. Grand Rounds speaker – North Shore-Long Island Jewish Health Systems, Great Neck, NY. January 7-8, 2008. Faculty.
2. Techniques in Endovascular Management of Lower Extremity Ischemia Course, Re-entering The True Lumen During Subintimal SFA Angioplasty, Treatment Algorithms for CLI: What is the evidence for various treatment options? Faculty. Society for Vascular Surgery. March 4, 2008, Las Vegas, NV
3. Diagnosis in the Management of Compartment Syndromes, Surgical Results of Below the Knee Surgical Interventions: When to Cut. SCAI-ACCi2 2008 Summit, faculty. March 30-31, 2008, Chicago, IL
4. Contemporary Management of Vascular Disease: Principles and Techniques of Vascular and Endovascular Surgery 2008, Should the size threshold for AAA repair be lower if EVAR is possible – what is the best management of the small AAA? Faculty. Massachusetts General Hospital –Harvard Medical School. May 8-10, 2008. Boston, MA
5. Tibial, The Environment & Delivery. Aortic Stent Summit, The Cleveland Clinic – Cleveland, OH. August 14-16, 2008. -
6. Treatment Algorithms for PAD: What is the Evidence? Diabetic Limb Salvage Conference, September 18-20, 2008, Washington, DC. Faculty
7. Diagnosis & Management of the Acute Thromboembolic Mesenteric Ischemia & the Role for Combined Open & Endovascular Treatment, faculty. American College of Surgeons 94th Annual Clinical Congress. October 12-16, 2008, San Francisco, CA.
8. Utility of IVUS for the Diagnosis & Treatment of Aortic Aneurysm Disease, Endovascular Treatment of Critical Limb Ischemia and Surgical Options for Lower Extremity Disease. TCT 2008 (Transcatheter Cardiovascular Therapeutic October 12-17, 2008, Washington, DC. Faculty.
9. Vascular Surgery, October 23-25, 2008, Islamorada, FL. Faculty
10. Update on the EMPIRE Multicenter Clinical Trial Results Using the Gore-Parodi Flow Reversal Embolic Protection Device during CAS. VEITH Symposium November 20-23, 2008, New York, NY. Faculty.
11. Fixed & Mobile Angiography Systems, The Failing Bypass Graft - When and How to Intervene, Endovascular Salvage of the Crural Arteries, Iliofemoral DVTs, When is intervention indicated?, Radiographic Diagnosis of Carotid Stenosis: Duplex, CT, MRI or Angio? Carotid Stent US Trial Results. 2008 New Horizons in Cardiovascular Treatment, December 11-13, 2008, Shanghai, China. Faculty.

2009

1. What's Hot and What's Not in Cardiovascular Surgery – The Future of Cardiovascular Surgery. Cleveland Clinic Innovation Summit – Clinical Medicine Meets Innovation, February 11, 2009, Tel Aviv, Israel.

2. Open Surgery vs. Endovascular Surgery. Diabetic Foot Conference. March 19-21, 2009, Los Angeles, CA.
3. Peripheral Arterial Occlusions/ Infrapopliteal, A Critical Appraisal of the CAS Literature: A Surgical Perspective, Peripheral Vas Disease II: Carotid, SFA & Infringuinal Disease - Approach to Critical Limb Ischemia, Evaluation of the Patient with Infrapopliteal Disease and Indications for Revascularization & the Role of Surgery Vs. Endovascular Therapy. American College of Cardiology Foundation i2Summit 2009. March 28-31, 2009, Orlando, FL.
4. Thrombophilias in Clinical Practice, Pelvic Obstructive Disease, Stents, IVUS. Annual Fellows Course in Venous Disease, May 3-5, 2009, Englewood Hospital, Englewood, NJ
5. Critical Limb Ischemia, Flow Reversal, Which Graft to Use & When?, TEVAR for Thoracic Aortic Dissections. Innovations and Practical Applications in Vascular Surgery. May 15, 2009, Columbia University College of Physicians & Surgeons/New York Presbyterian Hospital, New York, NY.
6. Carotid Stenting is the First Line of Therapy. The Treatment of Cardiovascular Disease: Legacy and Innovation, The Cleveland Clinic. June 2, 2009, Cleveland, Ohio.
7. Critical Limb Ischemia: Limb Salvage Above & Below the Knee. Cardiovascular Interventions Head to Toe Conference. July 30-August 1, 2009, Napa, CA.
8. Current Status of DES in the Femoropopliteal World. Transcatheter Cardiovascular Therapeutics (TCT) September 21, 2009 San Francisco, CA.
9. Branched & fenestrated endografts: Where are we now & will this ever play in Peoria? Eastern Vascular Society September 24, 2009. Philadelphia, PA
10. Thrombolysis for Deep Venous Thrombosis. A Primer in Vascular Disease held at The Cleveland Clinic. September 25-26, 2009. Cleveland, OH
11. Present and future of the endovascular treatment of aortic disease, Current management of carotid disease at the Cleveland Clinic, Carotid endarterectomy is the best option for carotid artery disease. XXXV Argentine Congress of Cardiology. October 1-4, 2009. Buenos Aires, Argentina.
12. CEA in the USA, CAS vs. CEA. NEIMS Beijing 2009. October 22-24, 2009 Beijing, China.
13. EMPIRE Trial of the Gore Pardodi Flow Reversal Embolic Protection Device in CAS: Its Particular Value in Symptomatic Patients & Octogenarians, Off the Shelf Device for EVAR Treatment of Juxtarenal Aneurysms. VEITH Symposium. November 18-22, 2009. New York, NY.

2010

1. Baylor College of Medicine/Michael E. DeBakey Department of Surgery Grand Rounds. Thoughts about the Management of Abdominal Aortic Aneurysms. February 24, 2010. Houston, TX.
2. ACC.10/I2 Summit. Surgical Treatment of Infrapopliteal PAD and Critical Limb Ischemia. March 14, 2010. Atlanta, GA
3. Western New York Vascular Society. The Treatment of Complex Aortic Disease. March 31, 2010. Buffalo, NY.
4. SAWC Spring & WHW (The Symposium on Advanced Wound Care & Wound Healing Society). Improving Flow: Endovascular Intervention versus Distal Bypass in Infrapopliteal Disease. April 17-20, 2010. Orlando, FL.
5. XLIII Middle East Medical Assembly (MEMA) Challenges in the treatment of aortoiliac occlusive disease, Infrapopliteal recanalization angioplasty for critical limb ischemia: Technical considerations and current evidence. April 22-25, 2010. Beirut, Lebanon.
6. Society for Vascular Medicine 2010 Annual Meeting. Intervention and Surgery. April 30, 2010 Intercontinental Hotel, Cleveland, OH.
7. New York Presbyterian/Columbia University, Innovations and Practical Applications in Vascular

- Surgery. Technical Tips for Crossing Long Tibial Occlusions, Role of Endovascular Repair. New York, NY May 13-14, 2010.
8. Robert Wood Johnson Medical School 24th Annual Rosenberg Lecture/Surgical Grand Rounds. Do we need aortic surgery? New Brunswick, NJ May 19, 2010.
 9. The Mt. Sinai School Medical Center 2010 Live Symposium of Complex Coronary & Vascular Cases. SFA Therapies: Balloon/Stent (BMS/DES) Atherectomy/Laser New York, NY June 18, 2010
 10. The University of Vermont College of Medicine Grand Rounds. Do we need aortic surgery? Burlington, VT June 24, 2010
 11. Cardiovascular Physicians Roundtable, The Cleveland Clinic. Management of Carotid and PVD including PCI. Cleveland, OH July 16, 2010.
 12. New England Society for Vascular Surgery Conference. Evolving Therapies for the Endovascular Treatment of Juxtarenal AAAs. Rockport, ME September 24, 2010.
 13. American College of Surgeons. Problems Encountered During Carotid Endarterectomy. Washington, DC. October 2, 2010.
 14. Ohio Chapter of the American College of Cardiology 20th Annual Meeting. Controversies and Challenges in Managing Peripheral Vascular Disease. Columbus, OH October 16, 2010.
 15. Endovascular Symposium 2010. Optimal EVAR follow-up, Avoiding Mesenteric Complication during Aortic Surgery. Pinehurst, NC November 5-7, 2010.
 16. VEITH Symposium. Off-the-Shelf Fenestrated Device from Endologix for Treatment of Pararenal and Juxtarenal AAAs: Initial Clinical Experience. New Developments in CAS and related techniques. New York, NY. November 20-21, 2010.

2011

1. iCon2011. Fenestrated Device Implantation Outside the US. Scottsdale, AZ February 15, 2011.
2. Spectrum Health. Off-the-Shelf Fenestrated Device from Endologix for Treatment of Pararenal and Juxtarenal AAAs: Initial Clinical Experience. New Developments in CAS and related techniques. Grand Rapids, MI March 22, 2011.
3. 19th Annual Pennsylvania Hospital Vascular Symposium. Branched endografts are the best solution for short neck AAA – when will they be available for widespread use? Philadelphia, PA April 2, 2011.
4. ACC.11 Aortic Disease : Thoracic and Abdominal. New Orleans, LA. April 4, 2011.
5. OhioHealth Vascular Conference. Innovations in Fenestrated Grafting. Columbus, OH. April 15, 2011.
6. International Congress on Endovascular Surgery. Off the Shelf Fenestrated Device from Endologix for Treatment of Pararenal and Juxtarenal AAAs: Initial Clinical Experience. How Can an Unintentional Renal Artery Covering by Stent Graft During EVAR be Fixed? Long-Term Outcomes of Palmaz Stent Placement for Intraoperative Type Ia Endoleak During EVAR. Sao Paulo, Brazil. April 19-24, 2011.
7. Southern California Vascular Surgical Society 29th Annual Meeting. Shifting Paradigms in Carotid Artery Stenting. Rancho Palos Verdes, CA May 15, 2011.
8. Society for Vascular Surgery Annual Meeting. Ventana Fenestrated Endovascular Stent Graft: Customized Treatment with “Off-the-Shelf” Technology”; How do I decide on choice of protection during CAS? Chicago, IL. June 17-18, 2011
9. Chicago Endovascular Conference. Xtreme PVD: Total Percutaneous AAA Repair, Hybrid Procedures: Combined and open endovascular repair of complex AAA, Next Generation Technologies for EVAR. Chicago, IL July 28-30, 2011
10. Primer in Vascular Disease, The Cleveland Clinic. MR – The role in evaluation of vascular disease, Is it really lipids or is it inflammation? Associated pathologies in vascular disease,

- Managing the asymptomatic carotid patient, CAD asymptomatic: How aggressively should we look for this? August 18-19, 2011 Cleveland, OH.
11. Stent Summit – The Cleveland Clinic. Inventor perspective: I have a new device that I think is ready for clinical testing; where should I start (US, EU or elsewhere?) Cleveland, OH August 25, 2011.
 12. West Virginia Vascular Symposium. Carotid stenting: Where we stand, Update on fenestrated endografts, How to manage challenging vascular cases: Roundtable panel discussion. October 22-23, 2011. Greenbriar Resort, White Sulphur Springs, WV
 13. National Congress of Angiology 2011. Endovascular management of total occlusion of aorta and its role in the therapeutic armamentarium of vascular surgery, Windows and branches: Fact or fiction in the management of complex abdominal aortic aneurysms. Aguascalientes, Ags, Mexico. November 1, 2011.
 14. VEITH Symposium. Challenges of Endovascular Revascularization in Diabetic Foot Syndrome, Versatility of Ventana Fenestrated System in Expanding EVAR to Juxtarenal and Pararenal Anatomies and Clinical experience with the Endologix (Ventana) Off-the Shelf Fenestrated Device for Juxtarenal AAAs: Advantages and Limitations. New York, NY November 16-20, 2011.
 15. Northwestern Vascular Symposium. Long-term success of bare metal aortic stents. December 9, 2011. Chicago, IL

2012

1. ISET (International Symposium on Endovascular Therapy). Treatment of severely calcified fempop lesions with plaque excision and embolic protection: Definitive Ca⁺⁺. ORION Trial for Iliac Stenting. Ventana. January 15-19, 2012. Miami Beach, FL
2. Vascular Society of New Zealand 2012. What is the place for carotid angioplasty/stenting after ICSS/CREST? What will the practice be for the modern vascular surgeon? Mesenteric ischemia. February 10-12, 2012. Nelson, New Zealand.
3. iCON 2012. Off –the-shelf Fenestrated Devices: The Ventana Trial. February 14-16, 2012. Scottsdale, AZ.
4. Grand Rounds – University of Arkansas for Medical Sciences. A Discussion on Current and Future Treatment Options with EVAR; Where Do We Stand with Carotid Stenting? March 5-6, 2012. Little Rock, AK.
5. International Society for Vascular Surgery International Congress. Is Atherectomy Effective?; Repairing AAAs from the Bifurcation Up: Endologix Technology; Ready-Made Fenestrated Devices for the Treatment of Juxtarenal AAAs. March 9-11, 2012. Miami, FL
6. 40th Annual Symposium - Society for Clinical Vascular Surgery. Initial Pilot Study Outcomes of the Ventana Fenestrated Stent Graft System for Endovascular Repair of Juxtarenal and Pararenal Aortic Aneurysms. March 14-17, 2012. Las Vegas, NV
7. Association for Program Directors in Vascular Surgery. ABS RPVI Requirements by 2014 How are programs dealing with this? 0+5 Integrated Residency – Growing Pains, Struggles and Perks of this New Paradigm. March 30-31, 2012. Chicago, IL
8. Charing Cross International Symposium. Foundational Technology for Off-the-Shelf Fenestration: A Breakthrough Solution to Branched EVAR? Management of Type IA endoleak by Palmaz stent. Preferred approach for juxtarenal reconstruction: Ventana off-the-shelf fenestrated. April 14-17, 2012. London, England
9. 10th Annual Innovations in Complex Vascular & Endovascular Interventions. Additional Aortic Pathology and Management Options: Innovations in AAA Graft Design – Endologix. Coral Reef Plaques of the Aorta: Is open surgery required? May 11, 2012. New York, NY.
10. Society for Vascular Surgery Annual Meeting. Now that We Have Alternatives to Distal Filter EP, How Will We Select the Right Embolic Protection to Reduce Stroke Risk? An Off-the Shelf

- Solution Will Soon Be Available (Ventana) & should be the standard approach for managing JAA. Emergence of on-label iliac and SFA stents and stent grafts in 2012-13. June 6-9, 2012. National Harbor, MD
11. VIP (Vascular International Padova) Congress 2012. Treatment of Mesenteric Ischemia. June 28-30, 2012. Padova, Italy.
 12. Eastern Vascular Surgery Society Annual Meeting. IVUS in my Practice. September 14, 2012. Pittsburgh, PA
 13. CSVSS 34th Annual Meeting. Advancing Care for Aortic Occlusive Disease; Making Sense of Carotid Stenting Data. September 28-29, 2012. Quebec QC
 14. Forsyth Medical Center Symposium. Branched Endografts. October 5, 2012. Winston-Salem, NC.
 15. VIVA (Vascular Interventional Advances). When my Go-To Therapy is Not the Right Choice – When Not to Do Carotid Endarterectomy; Abdominal Aorta. October 9-10, 2012. Las Vegas, NV
 16. Good Samaritan Hospital. Expanding EVAR to Juxtarenal & Pararenal Anatomies; New Technology approaches to Challenging Anatomy. October 30, 2012. Cincinnati, OH
 17. VEITH Symposium. Does Atherectomy Help To Treat Resistant Calcified SFA Lesions: Does It Require A Distal Filter For Safety? FEVAR - Results from a Multi-Center CE Trial: The Ventana Fenestrated System. Off the Shelf Fenestrated System - Redefining Options for Juxtarenal/Pararenal AAA. November 14-18, 2012. New York, NY

2013

1. ISET (International Symposium on Endovascular Therapy) How I Do It III: Large Vessel Closure; Update on the Ventana Trial. January 21-22, 2013. Miami Beach, FL.
2. ISVS (International Society for Vascular Surgery). Flow Reversal Improves CAS Outcomes and Is A Game Changer. February 13-14, 2013. Miami, FL.
3. ICON (International Congress for Endovascular Specialists). Endovascular approach to AAA Repair is not Without Serious Limitations; New and Evolving Technology -Endologix: Active Seal/AFX/Ventana; Latest Approaches to Short and no Neck AAA. Scottsdale, AZ February 24-28, 2013.
4. 17th European Vascular Course. Pro's and cons for IVUS in venous stenting; The Importance of IVUS in the Treatment of Venous Disease. March 10-13, 2013. Maastricht, The Netherlands.
5. CICE 2013. Customized EVAR Using “Off the Shelf” Devices: Anatomy-Conforming Seal in Infrarenal and Juxtarenal Anatomies; Stent Graft Design: Differentiating Attributes for Challenging AAA Anatomies; Results from a Multi-Center CE Trial: Ventana Fenestrated System; Bridging EVAR today to FEVAR Groundbreaking Foundational Technology. April 24-27, 2013. Sao Paulo, Brazil.
6. 18th Annual North Central Heart Vascular Symposium. Treatment Options for Patients with Carotid Disease. May 17, 2013. Sioux Falls, SD.
7. Society for Vascular Surgery 2013 Annual Meeting. One-Year Results of the Multilayer Flow Modulator Stent in the Management of Thoracoabdominal Aortic Aneurysms; Short neck AAA can be treated effectively with Open Surgery. Tips and tricks for recanalization of occluded IVC and iliofemoral veins. San Francisco, CA
8. Venous Education at the Next Level/Expert Venous Management. Case presentations. June 21-22, 2013. Englewood, NJ
9. Midwestern Vascular Surgical Society 2013 Meeting. Tips and tricks for recanalization of occluded IVC and iliofemoral veins. September 6, 2013. Chicago, IL
10. Tucson Medical Center 5th Annual CardioVascular Symposium. Replacing Open Surgery with Endovascular Therapy. September 21, 2013. Tucson, AZ

11. 40th Congress of the Brazilian Society of Angiology and Vascular Surgery (SBACV). What have we learned about coverage of left subclavian and celiac artery during TEVAR – are ischemic complications predicable? Fenestrated and branched stent grafts are best suited for managing all AAA with complex and short aortic necks; The role of specialty balloons, mechanical debulking and stents in infrainguinal arterial beds – what works best?; Emerging drugs, devices and techniques have led to a paradigm shift in managing acute DVT – what works best?; Limitations of current infrarenal devices in dealing with problematic proximal neck anatomy; Strategies to achieve successful recanalization of totally occluded iliac arteries in most patients. September 30-October 3, 2013. Florianopolis, Brazil.
12. VIVA 2013 (Vascular Interventional Advances). Open surgical and hybrid approaches for failed aortoiliac interventions. October 8-10, 2013. Las Vegas, NV
13. West Virginia Vascular Symposium. The need to seal AAA in adequate aorta; Aortic occlusion – do we really need aorto-bifemoral bypass? October 19-20, 2013, Charleston, WV
14. VEITH Symposium. Advantages and limitations of the Ventana Off-the-Shelf fenestrated device for pararenal AAAs: Clinical Trial Results. November 20-23, 2013. New York, NY

2014

1. Lake Health Vascular Symposium. Carotid Artery Disease: Current Management. January 29, 2014. Eastlake, OH
2. UC Davis Healthcare System – 2014 Vascular Care Conference. Practical applications of fusion imaging. Neuroprotection during carotid artery stenting using flow reversal. Treating late complications of EVAR. February 28-March 1, 2014. Lake Tahoe, CA.
3. Grand Rounds – USF College of Medicine/Lehigh Valley Health Network. Aortic Dissection, AAA and Acute Peripheral Ischemic Arterial Disease: What EM docs must know. March 6, 2014. Allentown, PA.
4. VS5 Venous Symposium. What are the shortcomings of venography and cross sectional imaging? Why you need IVUS. Obstructive Patterns in Chronic Venous Disease. Problem Solving through Real Clinical Cases. March 27-29, 2014. New York, NY
5. Society for Vascular Surgery Annual Meeting. Strategies for treating aortoiliac occlusions-access, treatment outcomes, when to revert to open surgery. June 4-7, 2014. Boston, MA
6. Maine Medical Center Grand Rounds. Keeping Vascular Surgery Out of the OR. July 24-26, 2014. Portland, ME
7. NESVS & EVS 2014 Joint Meeting. Responsibility beyond the OR: It's not just about operating. September 13, 2014. Boston, MA
8. Loyola Medical Center Grand Rounds. The Future of Aortic Surgery. October 24, 2014. Chicago, IL.
9. 41st Annual VEITH Symposium. Update on the Ventana Fenestrated Graft from Endologix: What Are It's Advantages and What is It's Current Status? November 20, 2014. New York, NY.
10. 39th Annual NW Vascular Symposium. Endovascular Recanalization of Aortic Occlusions: Technical Pearls. December 12, 2014. Chicago, IL

2015

1. Society for Clinical Vascular Surgery. Managing Turf Issues and Integrating in a Heart & Vascular Institute. March 31, 2015. Miami, FL.
2. 6th Annual Venous Symposium. What to do when the ultrasound does not match the clinical exam? A Practical Management Algorithm for Upper Extremity DVT; Medicolegal Case presentation. April 16-18, 2015. New York, NY
3. Johns Hopkins Hospital Grand Rounds. Research Strategies for practicing vascular surgeons. April 22-23, 2015. Baltimore, MD

4. Society for Vascular Surgery 2015 Annual Meeting. Technical strategies for treating aortoiliac occlusions. How vascular surgeons can succeed as hospital employees. June 17-20, 2015. Chicago, IL.
5. East Carolina University Grand Rounds. Do we need aortic therapy? July 15, 2015. Greenville, NC
6. Midwestern Vascular Surgical Society. Debate: Instead XL Makes Surgical Management of Type B Aortic Session A Better Option than Medical Management (Con) September 11, 2015. Chicago, IL.
7. American College of Surgeons Clinical Congress. What to do when the company representative is indispensable? October 6, 2015. Chicago, IL
8. 25th Annual West Virginia Vascular/Endovascular Surgery Symposium. CREST-2What Value?, Treatment of aortoiliac stents. October 17-18, 2015. White Sulphur Springs, WV
9. VEINS at VIVA. Paget Schroetter Syndrome-Intervention. Aortic Armageddon. October 31-November 1, 2015. Las Vegas, NV
10. Sones/Favoloro Scientific Session. The Cleveland Clinic Heart & Vascular Institute. Innovations and future management of abdominal aortic aneurysm. November 13, 2015. Cleveland, OH
11. VEITH Symposium. New Nitinol Stents: Are They Better Than The Old Ones for Patency and Effectiveness- Especially For More Complex Lesions. November 16-21, 2015. New York, NY

2016

1. ISET 2016. Renal Artery Aneurysms: treatment outcomes. February 7-10, 2015. Hollywood, FL.
2. Critical Issues America. What is the Ideal Bridging Stent for Branches; EVAS/Nellix-Fad, Fantasy or Fantastic? February 12-13, 2016. Coral Gables, FL
3. Geisinger Medical Center – Grand Rounds. An Update on Endovascular Grafts for Treating Aneurysms. March 24-25, 2016. Danville, PA
4. University of South Carolina School of Medicine-Palmetto Health General Surgery Grand Rounds. The Changing Nature of Aortic Surgery. July 8, 2016. Columbia, SC.
5. Congress of the Brazilian Society of Angiology and Vascular Surgery (SBACV). Angioplasty with Covered Stent; Endovascular: Drug Eluted Devices. August 19th-20th 2016. Sao Paulo, Brazil.
6. Greenberg Stent Summit XI. Disrupting Current EVAR Technology to Address Neck Concerns. August 31st-September 2nd, 2016. Cleveland, OH.
7. Eastern Vascular Society 30th Annual Meeting. New Specialty Balloons, Stents, & Atherectomy Devices – Are We Making Any Impact; Clopidogrel is Not Associated with Increased Risk of Bleeding Following Open Abdominal Aortic Aneurysm Repair; Recanalization Of Deep Venous System In Patient With Chronic Venous Disease; Drain Placement Confers No Benefit Following Carotid Endarterectomy in the Vascular Quality Initiative. September 15th-17th, 2016. Philadelphia, PA.
8. VIVA 2016. Vast Majority of EVAR Aortic Neck Failures Will Need Open Surgical Conversion: This Is How I Do It; Deep Venous Arterialization: Early Trial Data and Can Venous Oxygenation be Enhanced to Support Healing of Ischemic Pedal Wounds?; Aorfix Endograft System; To B or Not to B: A Case for Early TEVAR. September 18th-19th, 2016. Las Vegas, NV.
9. 26th Annual West Virginia Vascular Symposium. Renal Artery Treatment; Acute Interventions for Deep Vein Thrombosis. October 22nd-23rd, 2016. White Sulphur Springs, WV.
10. 43rd Annual VEITH Symposium. What Are The Ideal Bridging Stent-Grafts For Use With F/EVAR And B/EVAR; The Bolton Treovance Endograft For EVAR: Unique Features, Advantages, Limitations And Early US Results; Limitations Of Nellix EVAS And What Precautions Must Be Taken When Using It. November 15th-19th, 2016. New York, NY.

2017

1. Critical Issues America. Maintaining LSCA Perfusion is Critical? February 10th-11th, 2017. Coral Gables, FL.
2. Sanctuary for Endovascular Therapy. Conquering the Superficial Femoral Artery. February 24th-25th, 2017. Kiawah Island, SC.
3. Stanford University School of Medicine Vascular Surgery Grand Rounds What Will We Need to Know of Open Aortic Surgery? March 20th, 2017. Stanford, CA.
4. Stanford University School of Medicine General Surgery Grand Rounds. A Surgeon's Responsibilities. March 21st, 2017. Stanford, CA.
5. 22nd Annual North Central Heart Vascular Symposium. Update on EVAR for Aneurysms. May 4th-5th, 2017. Sioux Falls, SD.
6. 2017 Vascular Annual Meeting. AVM Intervention with Venous Stenosis. The Value of Arterial Control. May 31st, 2017. San Diego, CA.

Bibliography

Journal Publications, Reviews and Chapters

1. Thompson RW, **Clair DG**, Eberlein TJ. Dextrocholedocholithiasis: Calculous obstructions complicating double ductus choledochus in an Adult. *Surgery* 113(4):471-5,1993.
2. **Clair DG**, Lautz D, Brooks DC. Rapid development of umbilical metastasis following laparoscopic cholecystectomy for unsuspected gallbladder carcinoma. *Surgery* 113(3):335-8,1993.
3. **Clair DG**, Carr-Locke DL, Becker JM, Brooks, DC. Routine cholangiography is not warranted during laparoscopic cholecystectomy. *Arch Surg* 128(5):551-4,1993.
4. **Clair DG**, Bertagnolli MN, Mentzer S, Sugarbaker DJ, Axford TC. Staged antrectomy and thoracoscopic truncal vagotomy for perforated peptic ulcer disease. *Ann Thor Surg* 55(6):1571-3,1993.
5. **Clair DG**, Golden MA, Whittemore AD, Mannick JA, Donaldson MC. Randomized prospective study of angioscopically-assisted in situ saphenous vein grafting. *J. Vasc Surg* 1994;19:992-1000,1994.
6. Gates JD, **Clair DG**, Hechtman DH. Thoracic aortic dissection with renal artery involvement following blunt thoracic trauma: Case report. *J. Trauma* 1994;36:430-2.
7. **Clair DG**, Brooks DC. Laparoscopic cholangiography: The case for a selective approach. *Surg Clin North Am* 1994;74:961-6.
8. **Clair DG**, Belkin M, Whittemore AD, Mannick JA, Donaldson MD: Safety and efficacy of transaortic renal endarterectomy as an adjunct to aortic surgery. *J. Vasc Surg* 1995;21:926-34.
9. **Clair DG**, Gray B, O'Hara PJ, Ouriel K. An evaluation of the costs to healthcare institutions. A comparison of hospital costs for endovascular surgery vs open surgical repair of abdominal aortic aneurysms. *J Vasc surg*2000; 32(1): 148-52.
10. Ouriel K, Green RM, Greenberg RK, **Clair DG**, The anatomy of deep venous thrombosis of the lower extremity. *J. Vasc Surg* 2000; 32(4): 7706.
11. Traul DK, **Clair DG**, Gray B, O'Hara PJ, Ouriel K, Percutaneous endovascular repair of infrarenal abdominal aortic aneurysms: A feasibility study. *J. Of Vasc Surg* 2000;32(4):770-6.
12. Martin GH, O'Hara PJ, Hertzner NR, Mascha EJ, Krajewski LP, Beven EG, **Clair DG**, Ouriel K. Surgical repair of aneurysms involving the suprarenal, visceral, and lower thoracic aortic segments: Early results and late outcome. *J. Vasc Surg* 2000;31(5): 851-62.
13. Ouriel K, Katzen B, Mewissen M, Flick P, **Clair DG**, Benenati J, McNamara TO, Gibbens D.

- Retepase in the treatment of peripheral arterial and venous occlusions: A pilot study. *JVIR* 2000;11:849-854.
14. **Clair DG**, Greenberg RK. Diagnosis and Treatment of Proximal Carotid Lesions. *Semin Vas Surg*, 2000; 13(2); 103-8Vol 13 No. 2 June 2000.
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