

CURRICULUM VITAE

THOMAS MCCOURT KERR, M.D.
2009

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Tampa, Fl 33614

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COLLEGE: Widener University
Chester, PA
September 1974

Temple University
Philadelphia, PA
September 1975 - May 1979

MEDICAL SCHOOL: Temple University School of
Medicine
Philadelphia, PA
September 1979 - May 1983

INTERNSHIP:

Temple University Hospital
Department of General Surgery
Philadelphia, PA
July 1983 - June 1984
R. Robert Tyson, M.D., Chairman

RESIDENCY:

Temple University Hospital
Department of General Surgery
Philadelphia, PA
July 1984 - June 1988
Wallace P. Ritchie, M.D., Chairman

FELLOWSHIPS:

Kachelmacher Memorial Research
Fellow July 1988 - June 1989
Director: John J. Cranley, M.D.

Clinical Fellow, Peripheral
Vascular Surgery
July 1989 - June 1990
Program Director: Richard
Welling, M.D.
Good Samaritan Hospital
Cincinnati, OH

Traveling Fellowship sponsored by
The Society for Clinical Vascular

Surgery

May 1990 - July 1990
Professor Norman Browne
St. Thomas Hospital
Professor Andrew Nicholaides,
St. Mary's Hospital
Professor Roger Greenhalg
Charing Cross Hospital
London, England

HONORS/AWARDS:

Widener University, Academic Award
from Daughters of the American
Resolution

Temple University
Graduated Magna Cum Laude

HONORS/AWARDS, CONT:

Temple University Department of
Biology
Graduated with Honors

Taylor Caswell Teaching Award
Temple University Department of
Surgery

The American Venous Forum 1989
Research Foundation Award,
Winner First Place for Analysis of
1084 Consecutive Lower Extremities
Involved With Acute Venous
Thrombosis Diagnosed by Duplex
Scanning

1989 Research Fellowship Award for
the Project: Clinical
Applications of Magnetic Resonance
Blood Flow Scanning in Normal and
Diseased States, granted to John
E. Duldner from The International
Society for Cardiovascular Surgery

1990 American Medical Imaging
Corporation Award for Excellence
in Scientific poster presentation
for "Comparison of Light
Reflection Rheography and Venous
Duplex Scanning in Lower Extremity
Acute Venous Thrombosis

1990 Travel Grant Award from the
Society of Clinical Vascular
Surgery The American Venous Forum
1991 Research Foundation Award,
Winner Second Place for Lower
Extremity Calf Thrombosis: To
Treat or Not to Treat?

LICENSURE:

Pennsylvania, 1983MDO31721E Ohio
Kentucky, 1998 #26087
Florida, 1992 #ME0061567
DEA #2727379

CERTIFICATIONS:

American Board of Surgery:
General Surgery,
Certificate
#34369
Issued: 5/2/89
Re-certified: 12/98

American Board of Surgery:
General Vascular Surgery,
Certificate #1000265
Issued: 5/22/91
Re-certified: 12/98

American Board of Surgery:
Surgical Critical Care,
Certificate #791
Issued: 10/18/91

Advanced Cardiac Life Support
Advanced Trauma Life Support

PREVIOUS ACADEMIC/
HOSPITAL APPOINTMENT:

Clinical Instructor of Surgery
Temple University, Department of
Surgery, 6/87 - 6/88

Attending Vascular Surgeon,
Teaching Staff, General and
Vascular Surgical
Residency Program, Good Samaritan
Hospital, Cincinnati, OH
6/90 - 12/91

Assistant Professor of Surgery and
Anesthesiology University of South
Florida College of Medicine
Tampa, FL
January 1992 - August 1994

Chief, Vascular Surgery
Staff Vascular Surgeon
Veterans Administration Medical
Center,
Bay Pines, FL
January 1992 - August 1994

PREVIOUS ACADEMIC/
HOSPITAL APPOINTMENT, CONT:

Director Surgical Intensive Care
Unit Veterans Administration
Medical Center,
Bay Pines, FL
July 1993 - August 1994

Director, Non-Invasive Peripheral
Vascular Laboratory,
Veterans Administration Medical
Center,
Bay Pines, FL
January 1992 - August 1994

Research and Development
Committee,
Veterans Administration Medical
Center,
Bay Pines, FL
January 1993 - August 1994

Subcommittee: Animal Studies,
Research and Development,
veterans Administration Medical
Center,
Bay Pines, FL
January 1993 - August 1994

Chairman, Critical Care Committee,
Veterans Administration Medical
Center,
Bay Pines, FL
January 1993 - August 1994

Director, Surgeon On-Call Program,
Veterans Administration Medical
Center,
Bay Pines, FL
January 1993 - August 1994

PREVIOUS COMMITTEES:

Education Committee,
Veterans Administration Medical
Center,
Bay Pines, FL
June 1993 - August 1994

Patient Needs Committee,
Veterans Administration Medical
Center,
Bay Pines, FL
June 1993 - August 1994

Monitor Equipment Committee,
Veterans Administration Medical
Center,
Bay Pines, FL
March 1993 - August 1994

CURRENT ACADEMIC/
HOSPITAL APPOINTMENTS:

Clinical Assistant Professor of
Surgery and Anesthesiology,
University of South Florida
College of Medicine,
Tampa, FL

Staff Vascular Surgeon,
St. Joseph's Hospital,
Tampa, FL
1994 - Present

Staff Vascular Surgeon,
Memorial Hospital,
Tampa, FL
1994 - Present

Director, Vein and Vascular
Institute of Tampa Bay, Tampa FL

GRANT SUPPORT:

1. Otsuka American Pharmaceuticals, Inc.: A Randomized, Double-Blind Placebo-Controlled Study of Cilostazol in Patients with Intermittent Claudication Secondary to Chronic Occlusive Arterial Disease. \$150,000. 1993 - 1994.
2. Abbott Laboratories Pharmaceuticals Products Division: Recombinant Urokinase (rUK, Abbott-76120) versus Operation Intervention as Initial Therapy for Acute Lower-Limb Arterial Occlusion. \$50,000. 1993 - 1994.
3. St. Joseph's Cardiovascular Research Center - "Dose Response Evaluation of Beraprost Sodium IR in the Treatment of Intermittent Claudication." 1995 - open.

NATIONAL TRIAL
INVESTIGATION:

North American Symptomatic
Carotid Endarterectomy Trial
Co-Investigator, 1993

SOCIETIES:

American Venous Forum Society

Society for Critical Care Medicine
Ohio State Medical Association

Peripheral Vascular Surgical Society

International Society for Endovascular
Surgery

Fellow of the American College of
Angiology

International Society for
Cardiovascular Surgeons

Society of Clinical Vascular Surgeons

Fellow of the American College of
Surgeons

The Southern Association for Vascular
Surgery

American Society of Angiology

Florida Chapter American College of Surgeons

Florida Vascular Society

Peripheral Vascular Surgery Society

American Association for Vascular Surgery

Society of Vascular Surgery

International Society for Vascular Surgery

SCIENTIFIC PRESENTATIONS:

1. First International Trauma Symposium, Puerto Rico, co-presented: Prospective study of the six hour rule in stab wounds of the chest. 1/88
2. 11th National Trauma Symposium, Baltimore, MD, co-presented: Correlation of computerized axial tomography-graded splenic injuries with hypotension and intra-operative findings. 12/88
3. Surgical Grand Rounds, Good Samaritan Hospital, Cincinnati, OH, presented: Pathologic-anatomic patterns and distribution of acute venous thrombi in the lower extremities. 2/89
4. The American Venous Forum, First Annual Meeting, New Orleans, presented at awards luncheon: Analysis of 1084 consecutive acute venous thrombi of the lower extremities diagnosed by duplex scanning, First Place Winner. 2/22/89
5. Sixth Annual Biosound User's Program and Clinical Symposium: The emerging role of duplex ultrasound in non-invasive vascular diagnoses, Lake Buena Vista, FL, presented: Clinical utility of duplex scanning of the veins of the lower extremities. 4/27/89

6. Transcranial Doppler Symposium, San Francisco, CA, sponsored by Yale Department of Continuing Education, presented: (1) Role of transcranial Doppler in the vascular laboratory, and (2) Transcranial Doppler for the vascular surgeon. 5/12/89
7. Society of Vascular Technology, New York City, scientific poster presentation: Analysis of peak and mean velocities of the intracranial arteries in the normal patient by transcranial Doppler sonography. 6/15/98
8. Nursing Grand Rounds, Good Samaritan Hospital, Cincinnati, OH, presented: Deep venous thrombosis; treatment and prevention. 11/89
9. Medical Grand Rounds, St. Francis - St. George Hospital, Cincinnati, OH, presented: Duplex scanning of the lower extremities. 11/89
10. Surgical Grand Rounds, Good Samaritan Hospital, Cincinnati, OH, presented: Non-invasive arterial evaluation of the lower extremities. 12/89
11. Metriflow National Meeting, Scottsdale, AZ, presented: Magnetic blood flow scanning, clinical applications. 2/10-11/90
12. Fourth International Symposium on intracranial Doppler and cerebral blood flow, Orlando, FL, co-presented: Transcranial Doppler assessment of intracranial collateralization correlated with different degrees of cervical carotid stenosis. 2/23/90
13. Second Annual Meeting of the American Venous Forum, Coronado, CA, presented: Venous anomalies of the lower extremities diagnosed by duplex scanning. 2/21-23/90
14. Second Annual Meeting of the American Venous Forum, Coronado, CA, co-presented: Duplex scanning of lower extremity superficial venous thrombosis. 2/21-23/90

15. 18th Annual Symposium on Vascular Surgery for Clinical Vascular Surgery, Palm Desert, CA, presented: Duplex scanning: Analysis of 693 consecutive studies. 3/7-11/90
16. 13th Annual Conference of the Society of Vascular Technology, Los Angeles, CA, co-presented: "Comparison of Light Reflection Rheography and Venous Duplex Scanning in the Lower Extremity Acute Venous Thrombosis." Winner of 1990 American Medical Imaging Corporation Award for Excellence in Scientific Poster Presentations. 5/30-6/3/90
17. 13th Annual Conference of the Society of Vascular Technology, Los Angeles, CA, co-presented: Ophthalmic Artery Assessment. Oculopneumoplethysmography versus Transcranial Doppler. 5/30-6/3/90
18. North Western University Vascular Symposium on Venous Disorders, Chicago, IL, co-presented: Deep venous thrombosis of the upper extremity diagnosed by duplex scanning. 12/13-15/90
19. Surgical Grand Rounds, Good Samaritan Hospital, Cincinnati, OH, presented: Inferior vena cava thrombosis diagnosis and treatment. 1/5/91
20. Third Annual Meeting of the American Venous Forum, Fort Lauderdale, FL, co-presented: Lower Extremity Calf Thrombosis: To treat or not to treat? 2/20-22/91
21. Surgical Grand Rounds, Good Samaritan Hospital, Cincinnati, OH, presented: Prospective analysis of 75 calf vein thrombi. 3/1/91
22. Surgical Grand Rounds, Good Samaritan Hospital, Cincinnati, OH, presented: Combined lower extremity vascular and orthopedic injuries, current management. 3/14/91
23. 19th Annual Symposium on Vascular Surgery of the Society for Clinical Vascular Surgery, Kauai,

Hawaii, presented: Findings from 1990 Travel Grant Award, London, England. 4/3-6/91

24. Surgical Grand Rounds, Veterans Administration Medical Center, Bay Pines, FL, presented: Capabilities of Venous Duplex Scanning. 4/21/92
25. Vascular Surgical Grand Rounds, University of South Florida College of Medicine, Tampa, FL, presented: Current status of venous duplex scanning. 5/27/92
26. Surgical Nursing Grand Rounds, Veterans Administration Medical Center, Bay Pines, FL, presented: Inter-operative assessment of carotid endarterectomy with duplex scanning. 7/28/92
27. Anesthesia Critical Care Grand Rounds, University of South Florida College of Medicine, Tampa, FL, presented: Cardiac evaluation of the vascular surgery patient. 9/24/92
28. ATL Color Duplex Update, Orlando, FL, presented: Diagnosis, characterization and monitoring of DVT with duplex ultrasound. 10/10/92
29. Critical Care Lecture, Veterans Administration Medical Center, Bay Pines, FL, presented: Management of preoperative cardiac insufficiencies. 12/20/92
30. Surgical Grand Rounds, Veterans Administration Medical Center, Bay Pines, FL, presented: Preoperative cardiac evaluation of the vascular surgery patient. 12/1/92
31. 5TH annual Meeting, American Venous Forum, Orlando, FL, presented: Venous duplex scanning of the lower extremities in symptomatic patients: Is Scanning the Contralateral Asymptomatic Extremity Justified? 2/26/93

32. Gulf Atlantic Anesthesia Residents Research Conference, Chapel Hill, NC, co-presented: Fatal pulmonary artery rupture after catheterization. 4/94
33. Gulf Atlantic Anesthesia Residents Research Conference, Chapel Hill, NC, co-presented: Management of post-pneumonectomy ARDS with multiple ventilatory modes. 4/94
34. Association of VA Surgeons 18th Annual Symposium, Reno, NV, presented: Prospective analysis of the incidence of venous thrombosis in the lower extremities amputee, diagnosed by color duplex scanning. 5/7/94
35. Family Medicine Grand Rounds, presented: Renovascular hypertension - current diagnosis and treatment. St. Joseph's Hospital, Tampa, FL. 9/8/94
36. Advanced cardiac life support, instructed: University of South Florida College of Medicine, Tampa, FL. 11/7/94
37. Clinical Echocardiography 1996 Symposium, Tampa, FL, presented: The use of Doppler in the assessment of carotid artery disease, focused on assessment of carotid artery disease through the use of Doppler techniques. 2/2/96
38. Surgical aspects of hemodialysis access, Longboat Key, FL. 1997
39. Medical Grand Rounds, St. Joseph's Hospital, presented: Diagnosis and treatment of lower extremity ischemia. 12/9/98
40. Diagnosis and treatment of arterial ischemia of the lower extremities, Suncoast Hospital Medical Grand Rounds, Largo, FL. 11/4/99

41. Treatment of lower extremity peripheral vascular occlusive disease with emphasis on the patient with disabling claudication, Family Practice Grand Rounds, Sponsored by the Continuing Medical Education Department at St. Joseph's Hospital, Tampa, FL. 1 CME. 2/24/00
42. Treatment of lower extremity atherosclerotic occlusive disease: New trends in medical management, Department of Internal Medicine, Grand Rounds, St. Joseph's Hospital, Tampa, FL. Sponsored by the Continuing Medical Education Department, 1 CME. 3/8/00

PUBLICATIONS

1. Kerr, TM, White, JV. Pathophysiology of venous ulceration. J Vasc Tech 1988; 12:122-123.
2. Comerota, AJ, Kerr, TM. Physiologic and therapeutic fibrinolysis. Seminars in Vasc Surg 1988; 1: 239-249.
3. Buckman, R, Kerr, TM, Militello, PR. Hypotensive and bleeding with various anatomic patterns in blunt splenic injury in adults. Surg Gynec & Obst 1989; 169; 206-212.
4. Kerr, TM, Sood, R, Gelman, J, Buckman, RF. Prospective study of the six hour rule of stab wounds of the chest. Surg Gynec & Obst 1989; 169: 223-226.
5. Kerr, TM, Sood, R, Kerr, RP. Management of asymptomatic penetrating injuries of the thorax. Trauma Quarterly 1989; 6: 27-32.
6. Mercer, D, Sood, R, Kerr, TM, Buckman, RF. Management of penetrating gluteal wounds. Trauma Quarterly 1989; 6: 67-72

7. Wright, AT, Kerr, TM, Moeller, DM, Winkler, JL, Cranley, JJ. Analysis of 68 consecutive acute deep venous thrombi of the upper extremities diagnosed by duplex scanning. J Vasc Tech 989; 13: 221-223.
8. Kerr, TM, Cranley, JJ, Johnson, RJ, Lutter, KS, Reichman, GC, Cranley, RD, True, MA, Sampson, MG. Analysis of 1084 consecutive lower extremity deep venous thrombosis diagnosed by duplex scanning. Surgery 1990; 3; 108: 502-27.
9. Kerr, TM, Lutter, KS, Moeller, DM, Winkler, JL, Spiritoff, K, McKenna, P, Sampson, MG, Roedersheimer, LR, Cranley, JJ. Upper extremity deep venous thrombosis diagnosed by duplex scanning. Amer J Surg 1990; 160: 3.
10. Lutter, Ke, Kerr, TM, Cranley, JJ, Sampson, JG, Winkler, JL, Lewis, MA. Transdoppler assessment of intracranial collateralization correlated with different degrees of cervical carotid stenosis. (Abstract) J Cardiovas Surg (in press).
11. True, MA, Kerr, TW, Johnson, JR, Cranley, JJ. Analysis of peak and mean velocities of the intracranial arteries in the normal patient by transcranial Doppler sonography. J Vasc Tech 1990 14: 170-172.
12. Lutter, KB, Kerr, TM, Roedersheimer, LR, Cranley, JJ, Reichman, GC, Johnson, RJ. Duplex scanning diagnosed of lower extremity superficial venous thrombosis. Surgery 1991; 4; 112, 1101-1106.
13. Sampson, MG, Lutter, KS, Kerr, TM, Wright, AT, Cranley, JJ. Comparison of light reflection rheography and venous duplex scanning in lower extremity acute venous thrombosis. J Vasc Tech 1991.

14. Winkler, JL, Lutter, KS, Kerr, TM, Cranley, JJ. Ophthalmic artery assessment; OPG vs. transcranial Doppler. J Vasc Tech (in press).
15. Kerr, TM, Cranley, JJ, Johnson, JR. Clinical applications of magnetic resonance blood flow scanning. J Vasc Surg Nov. 1991.
16. Mercer, DW, Buckman, RF, Sood, R, Kerr, TM, Gelman, J. Anatomic considerations in penetrating gluteal wounds. Archives of Surgery 1992 127: 407-410.
17. Lohr, JM, Kerr, TM, Lutter, KS, Cranley, RD, Spiritoff, BS, Cranley, JJ. Lower extremity calf thrombosis to treat or not to treat? J Vasc Surg 1991; 14: 618-23.
18. Kerr, TM, Cranley, JJ, Johnson, RJ. Measurements of blood flow rates, in the lower extremities, with use of a nuclear resonance basis instrument, letter to the editor. Journal Vascular Surgery, 9/92, 496.
19. Kerr, TM, Lutter, KS, McKenna, PJ, Smith, MJ, Moller, DM, Arbaugh, JJ, Roedersheimer, LB, Cranley, JJ. Venous anomalies of the lower extremities diagnosed by duplex scanning. Surgery Gynecology and Obstetrics, Oct. 1992, Vol. 175; 309-314.
20. Fulman, TM, Bratzke, E, Kerr, TM. Pulmonary artery rupture with free intrapleural hemorrhage. Contemporary Surgery, August 1994, Vol. 45, No. 2.

BOOK CHAPTERS:

1. Kerr, TM, Lutter, KSD, Cranley, RD, Cranley, JJ. Diagnosis of Upper Extremity Venous Thrombosis by Duplex Scanning. Venous Disorders, CH 10; 144-51. Bergan and Yao eds, Saunders, 1991.
2. Kerr, TM, Lohr, JM, Cranley, JJ. Upper Extremity Duplex Scanning, in Non-Invasive Diagnostic

Technique in Vascular Disease. 4th Edition,
Bersin eds., Mosby, in press.

3. Kerr, TM, Bandyk, DF. Color duplex imaging of Peripheral Disease Arterial Disease Prior to Angioplasty or Surgical Intervention. Chapter 73, Vascular Diagnosis, 4th Ed., Berstein Editor, Mosby Year Book, Chicago, IL, 1992.
4. Kerr, TM, Bandyk, DF. Multi-level Lower Limb Occlusion Disease. Chapter 5, Strandness, (in press).

BOOKS:

1. Cranley, JJ, Karkow, B, Baldrige, E, Cranley, Rd, Kerr, TM. Atlas of Duplex Scanning, Saunders, August 1992.

RECENT CONTINUING EDUCATIONAL MEETINGS AND CME'S:

1. Advanced Cardiac Life Support Instructor Course. USF College of Public Health, Tampa, FL. 10/14/94. 8 Category I credit hours.
2. Endovascular Interventions, A training course with hands-on clinical instruction. Arizona Heart Institute and the University of Arizona College of Medicine. Edward B. Diethich, M.D., Course Director. 10/5-7/1994. 16 CMEs.
3. Palmaz Balloon-Expandable Iliac Artery Stent Certification. Sponsored by Johnson and Johnson, Arizona Heart Institute. Cynthia Kram, R.N., Course Director. 1/5/94.
4. Advanced Endovascular Stent Workshop. Arizona Heart Institute and Foundation, Edward B. Diethich, M.D., Course Director. 4/27-28/95.
5. American College of Surgeons 81st Clinical Congress, New Orleans. 10/23-27/95. 25 CMEs.
6. Peripheral Vascular Surgery Postgraduate Course, American College of Surgeons, New Orleans.

- 10/23-25/95. James C. Stanley, M.D., Course Director. 9 CMEs.
7. Surgical Education and Self-Assessment Program. Ninth Edition, 96-98. 60 Category I credit hours.
 8. Southern Association for Vascular Surgery. 23rd Annual Meeting. Naples, FL. January 27-30, 1999. 11 CMEs.
 9. Society for Clinical Vascular Surgery. 27th Annual Symposium on Vascular Surgery. March 24-28, 1999. Lake Buena Vista, FL. 13.5 CMEs.
 10. Symposium on Endovascular Therapy & Endoscopic Surgery. March 24-25. 1999. Kissimmee, FL. 11 CMEs.
 11. 7th New Devices Seminar for the Cardiac and Peripheral Vascular Surgeon. July 2-5. 1999. Orlando, FL. Presented by Pittsburgh Vascular Institute and Pittsburgh University School of Medicine Center for Continuing Education and Health Sciences. Topics include extensive coverage on carotid artery stenting and angioplasty, endoluminal aortic stent grafts, thrombolysis and interventional endovascular devices. 12 CMEs.
 12. Current Practice of Vascular Ultrasound. Orlando, FL. 02/10-13/00. Presented by the Institute for Advanced Medical Education. This was an extensive review and presentation of the current state of non-invasive vascular imaging of the peripheral vascular tree including the carotid arteries, abdominal aortic arteries, peripheral arterial systems, as well as upper and lower extremity venous imaging. This included both state-of-the-art techniques as well as interpretation, and also addressed current issues on accreditation of the vascular laboratory. 20 CMEs.
 13. Aortic Endograft System Training Program. Sponsored by Ancure Endograft Systems, at the

Miami Cardiac and Vascular Institutes, 4/3-4/00, presented by Dr. Barry Katzen, Training Course Director. This was a full and comprehensive training course involving hands-on placement and all aspects of deployment and complications, including live intraoperative cases of placing aortic stent grafts for abdominal aortic aneurysms, including certification for deployment of the Ancure Endovascular Graft System, made by Guidant. 15 CMEs.

14. 8/13/00: Transcranial Doppler and Duplex Imaging. Performed at the Gulf Coast Ultrasound Institute, Inc., in St. Petersburg, FL. 8 CMEs.
15. 12/01-02/00: Peripheral Arterial Disease Faculty Training Meeting. Chicago. This was a two-day meeting involving the pathophysiology and treatment of peripheral arterial disease and intermittent claudication. 10 CMEs.
16. 02/01: Trivex Transilluminated Powered Phlebectomy Course. Tampa Marriott. Sponsored by the Trivex Company. This was a hands-on course on models with video presentation and didactic material, completely comprehensive on the use of the transilluminated powered phlebectomy system for removal of varicose veins. 6 CMEs.
17. 11/07/01: 2000 Florida Physician Update on HIV, AIDS, and Domestic Violence Meeting, provided by Infomed. 2 CMEs.
18. May 2-5/02: 15th Annual Florida Vascular Society Meeting, Palm Beach, FL. 10 CMEs.
19. July 4-7/02: New Devices Seminar For Cardiac and Peripheral Vascular Laboratories, Orlando, FL. Sponsored by University of Pittsburgh School of Medicine, Center for Continuing Education and Health Sciences. 16 CMEs.
20. 10/17-18/02: Aneurx Stent Graft Course, Tampa General Hospital, Tampa, FL. This is an updated course to review the current state-of-the-art aortic endograft placement, including anatomy,

pathophysiology, graft sizing, and options, troubleshooting tips, and endoleak classification and management as well as reimbursement update. Also included two live case, performed at Tampa General Hospital. 10 CMEs.

21. 10/02: Vascular Self-Evaluation Program, accredited from the University of Toronto. 40 CMEs.
22. 10/23/02: Second Meeting, New Advances in Interventional Radiology, sponsored by St. Joseph's Hospital, Tampa, FL. 1 CME.
23. Gore-Tex Bifurcated Endoprosthesis and "Excluder" Endograft Clinical Training and Certification Program, which was performed by the Gore-Tex representatives in Tampa on 12/04/2002. This course provided instruction and information on the endograft product and procedural elements necessary to properly select, treat, and follow patients with Excalibur Bifurcated Endoprosthesis. A manual was given out serving as a reference tool to assist in achieving successful outcomes in the use of this device and this was thoroughly gone over as well. At the end of the didactic session, the practice deployment of the graft on flow models was performed as well. This course documented physicians as qualified and certified by Gore Clinical Application Specialists based on successful completion of the didactic and practice model device deployment as was described above. Gore-Tex verification of successful and accurate case planning including patient device selection and also verification of successful and accurate completion of implant procedures. 3 CMEs.
24. Vascular self-assessment and evaluation program. 01/20/2003. This was accredited by the Committee of Accreditation of Canadian Medical Schools in the creation of counsel for continued medical education at the University of Toronto in category 1 physician recognition award. This is an extensive review course of vascular surgery, reviewing both basic science background to

clinical process in establishing baseline for clinical decision-making, workshop through clinical situation, and update and understanding of recent developments, as well as reviewing and exploring controversial issues. 40 CMEs.

25. Symposium on Non-Invasive Vascular Diagnosis 2002, continuing education videotape program. 02/03. 16 CMEs.
26. Clinical Perspective of Recently Reported Endograft Data and General Overview of the Endograft, Abdominal Aortic Aneurysm Market for 2003 presented by Rodney White, MD, chief of vascular surgery at UCLA Harbor, Los Angeles California. This was presented at the Marriott Tampa Waterside Hotel and Marina in Tampa, Florida on Thursday 06/26/03. 2 CMEs
27. The 11th annual new devices seminar for the cardiac and peripheral vascular laboratories. This was done on 07/03/03 to 07/06/03 in Orlando, Florida and sponsored by the Cleveland Clinic Foundation and Pittsburgh Vascular and Heart Institutes. The basic objectives were to understand the techniques in endovascular management of aortic aneurysmal disease, to recognize risk, benefits and available therapies in carotid artery stenting, to discuss the medical and surgical intervention management of peripheral vascular disease, to evaluate and discuss knowledge acquired in the performance and interpretation of noninvasive imaging studies including carotid and peripheral vascular disease, 19 hours. 19 CMEs.
28. The 28th annual meeting of the Southern Association for vascular surgery, 01/14/04 to 01/17/04 in Rio Grande, Puerto Rico. 12 CMEs.
29. American Venous Forum meeting in Orlando, Florida from 02/25/04 to 02/29/04. 21 CMEs.
30. Zenith Physicians' Workshop course for the use, deployment, and care of the patients with using

the Cook aortic endograft for abdominal aortic aneurysms. This was on 5/26/04 in Orlando, Florida and it was for 8 CME hours. This included both device description, device deployment with hands-on session involving six personal deployments, patient selection, planning and sizing, case reviews with live case demonstration, the results of multi-centered clinical trials. A second hands-on session for reviewing the components, section on troubleshooting, post-procedure patient care and followup.

31. Endovascular Treatment of Abdominal Aortic Anuerysms. This meeting was held on 10/20/04. It was a clinical perspective of recently reported endograft data and general overview of aortic endograft and thoracic endograft, followed by a meeting on endovascular procedure reimbursement and coding, coverage and compensation. This was presented by Dr. Rodney White, chief of vascular surgery, University of California, Los Angeles.
32. Postgraduate course, carotid angioplasty and stenting. This was done on Marco Island on 01/19/05, which was sponsored by the Southern Association of Vascular Surgery. This included both presentations as well as stimulator training and endovascular carotid artery intervention. This involved carotid artery stimulators to place five carotid artery stents as well. 5 CMEs.
33. 29th Annual Meeting of the Southern Association of Vascular Surgery. 01/20-01/22/05 on Marco Island. This was a presentation of original and basic research in the field of vascular surgery with the focus on expanding vascular techniques. This included integration of these new modalities with the practice of vascular medicine and implementation of these principles into the scope of peripheral vascular surgical practice. Topics included were defining long-term followup after endovascular abdominal aortic aneurysm repairs.
 - Examination of carotid endarterectomy, remote endarterectomy of infra-inguinal and tibial vessels.

- Outcome after carotid replacement patch angioplasty.
 - Novel application of laparoscopic aortic surgery.
 - Temporary dialysis access and alternative conduits.
 - Evaluation of popliteal artery aneurysm repair.
 - Discussed interesting endovascular cases with management of aortic lesions. 13 CMEs.
34. Third International Vein Congress, from 4/14 to 4/16/2005 at the International Miami Hotel, Miami, Florida. In this conference there was extensive case presentation and data, reviewing venous techniques involving diagnostic workup, ultrasonic workup, treatment with ultrasound, radiofrequency ablation and endovascular laser ablation as well as intra office procedures for phlebectomy and treatment of venous incompetence. 23 CMEs.
35. Advances in Vascular Imaging and Diagnosis sponsored by Montefiore Medical Center, Albert Einstein College of Medicine in January 2006. This was for 15 continuing medical education credits and the course completely and thoroughly covered hemodynamics of Dopplers, the patient's management with noninvasive imaging technology, new technologies and techniques, venous imaging and treatment, as well as images with regard to the running of the vascular laboratory and reimbursement thereof accessing the arterial disease, abdominal imaging as well as dialysis cerebrovascular imaging disease.
36. Percutaneous atherectomy catheter use course at New York Presbyterian Hospital in New York City, New York on February 9th and 10th 2006. This comprehensive course was provided by Fox Hollow on Silverhawk atherectomy catheter. This include a several hour discussion of material including indications, contraindications, complications and potential uses of the Silverhawk atherectomy

catheter for the subsequent day by 10 hours of live interactive case demonstrations including the use of the atherectomy catheter, guide wires, arteriogram techniques to perform atherectomies of the iliac, femoral, popliteal and tibial region and included multiple complex cases.

37. Fox Hollow /Silverhawk VIP Meeting Summit, which was 3 days in San Francisco on 3/21-23/07. This is 20 hours of didactic material lectures all on advanced techniques in use of percutaneous endovascular interventions including both Silverhawk atherectomy catheter as well as stents balloon etc. Meeting focused on the top 15 leaders, myself included, in the country of this procedure and interaction with the ongoing advanced techniques including lectures. This is followed by subsequent hands-on bench laboratory, where new procedures and techniques of atherectomy using the Rock Hawk and the Silverhawk vision catheter use on a pig heart model.
38. CSI /Meeting in Philadelphia, Which was 2 days 1/29-1/30/08. CSI to provide hands on in clinical experience with life case demonstration and participation if the CSI's new peripheral device. This course included didactic material as well as hands on use with the atherectomy catheter themselves and then participation in five life case demonstrations.
39. American College Of Phlebology Meeting/ in Marco Island, from 11/7/08 through 11/9/08 with 12 CME credits. Meeting presenting the current state of the art of diagnosis and treatment of venous disease.
40. American Venous Forum in Phoenix, 2/11/08 through 2/14/2008; 27 CME credits. Meeting of the worlds academic surgeons in the most prestigious venous forum in existence. The most current and cutting edge new research and diagnosis and treatment of venous disease states were presented.

41. Seventh International Vein Congress. May 7-9 2009. 24 CME credits. Miami Beach Florida. Current most up to date information presented as applies to office based venous treatment. Live case presentations of sclerotherapy, ultrasound, endovascular ablation, and phlebectomy were presented. Also current diagnosis and treatment of venous thrombosis and hypercoagulable syndromes were discussed.

Updated May 11, 2009