

CURRICULUM VITAE

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Assistant Professor of Medicine
The Warren Alpert School of Medicine at Brown University

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POSITION

8/2010-Present Director, Vascular Medicine
Director, Peripheral Vascular Interventional Laboratory
Director, Vascular and Endovascular Medicine Fellowship
Staff Interventionist, Cardiac Catheterization Laboratory
The Miriam Hospital and Rhode Island Hospitals

2002 – 2010 Director, Vascular Medicine
Director, Interventional Vascular Laboratory
Director, Non-Invasive Vascular Laboratory
Director, Vascular and Endovascular Medicine Fellowship
Staff Interventionist, Cardiac Catheterization Laboratory
Caritas St. Elizabeth's Medical Center of Boston

EDUCATION

1983 – 1987 Tufts University School of Medicine,
Boston, Massachusetts; M.D.

1979 – 1983 Boston College,
Boston, Massachusetts; B.S. Biology
(Magna cum laude)

POSTDOCTORAL TRAINING

1999	Peripheral Vascular Fellow, St. Elizabeth's Medical Center Boston, Massachusetts
1993 – 1994	Interventional Cardiology Fellow, University of Michigan Ann Arbor, Michigan
1990 – 1993	Fellow in Cardiology, St. Elizabeth's Medical Center Boston, Massachusetts
1988 – 1990	Resident in Medicine, Pennsylvania Hospital Philadelphia, Pennsylvania
1987 – 1988	Intern in Medicine, Pennsylvania Hospital Philadelphia, Pennsylvania

ACADEMIC APPOINTMENTS

2010 – Present	Assistant Professor of Medicine Brown University School of Medicine
2002 – 2010	Assistant Professor of Medicine Tufts University School of Medicine
1997 – 2002	Assistant Clinical Professor of Medicine Yale University School of Medicine
1994 – 1996	Clinical Assistant Professor of Medicine Allegheny University of the Health Sciences
1993 – 1994	Lecturer in Medicine University of Michigan School of Medicine
1988 – 1990	Assistant Instructor in Medicine University of Pennsylvania School of Medicine

CERTIFICATION AND LICENSURE

Board Certification in Internal Medicine, 1990
Board Certification in Cardiovascular Disease, 1993, 2003
Board Certification in Interventional Cardiology, 1999, 2009
Board Certification in Vascular Medicine, 2005
Board Certification in Endovascular Medicine, 2005
Certified Registered Physician in Vascular Interpretation, 2007
Unrestricted License, State of Connecticut

Unrestricted License, State of Massachusetts
Unrestricted License, State of Rhode Island

PROFESSIONAL MEMBERSHIPS

Fellow, American College of Cardiology
Fellow, Society for Cardiac Angiography and Interventions
Fellow, Society of Vascular Medicine
Fellow, American College of Physicians
Member, International Society of Cardiovascular Interventions
Member, Academy of Transcatheter Therapeutics
Member, Hellenic University Club
Member, Massachusetts Medical Society
Member, Rhode Island Medical Society

COMMITTEES

The Warren Alpert School of Medicine at Brown University

Value Analysis Committee Member, The Miriam Hospital
Lifespan Peripheral Vascular Credentialing Committee
Lifespan Laser Safety Committee
Cardiac Catheterization Quality Assurance Committee, The Miriam Hospital

Tufts University School of Medicine

Scientific Affairs Committee

Caritas St. Elizabeth's Medical Center

Cardiology Physicians Working Group Member
Vascular Rehab Board Member

Yale New Haven Hospital

Catheterization Laboratory Committee Member
Yale Heart Center Catheterization Laboratory Committee Member

University of Pennsylvania School of Medicine

1988 – 1990 Vice President / Treasurer,

House Staff Association of Pennsylvania Hospital

Boston College

- 1982 – 1983 Founder and President, Hellenic Club of Boston College
- 1982 – 1983 Chairman, Professional School Committee, Mendel Club

TEACHING ACTIVITIES

Daily teaching of cardiology fellows and vascular fellows in the interventional laboratories and outpatient clinic, Brown medical residents and medical students who rotate through the vascular service on elective, and weekly during their Introduction to Clinical Medicine and CCU blocks.

Weekly Cardiac Catheterization Conference, multidisciplinary Vascular Conference.

1/05 – Present Preceptor, Cordis Carotid PMS Program

1/05 – Present Preceptor, Guidant Carotid Stent PMS Program

7/02 – Present Director, Cordis Peripheral Training Course Preceptor Program

7/02 – 2006 Director, Boston Scientific Intravascular Ultrasound Preceptor Program
 Caritas St. Elizabeth’s Medical Center, Boston, MA

7/03 – Present Director, Abbott Peripheral Training Course Preceptor Program

7/03 – Present Director, Medtronic Peripheral Training Course Preceptor Program

4/15/02 Co-Director, Intravascular Ultrasound, Doppler Flow and Pressure
 Application Training Course, Hyatt Harborside Hotel, Boston, MA

8/05 – Present Director, Medtronic Pioneer Northeast Regional Physician Training
 Preceptor

5/08 – Present Director, Gore SFA Workshop Training Program

11/08- Present Director, IDEV Peripheral Training Program

The Warren Alpert School of Medicine of Brown University

Lectures in Cardiovascular medicine to third and fourth-year medical students, medicine residents, cardiology and vascular fellows

Tufts University School of Medicine

Lectures in Cardiovascular medicine to third and fourth-year medical students, medicine residents, cardiology and vascular fellows

Yale University School of Medicine

Cardiovascular Module Workshop Leader – second-year medical students
New Haven, CT

Allegheny University of the Health Sciences

Lectures in Cardiology to house staff and fellows at the Allegheny University of the Health Sciences

University of Pennsylvania School of Medicine

Lectures in Medicine to second-year Podiatry students at the Pennsylvania College Of Podiatric Medicine, Philadelphia, Pennsylvania

PRESENTATIONS

Cho S., Lotun K., Soukas P., Irwin W., Schainfeld R.: Carotid artery stenting with normal final completion angiogram: Is there a role for early duplex scan?
Presented at the annual Society of Vascular Medicine meeting, June 2003, Chicago, IL

October 17, 2002 Holy Family Hospital, Methuen, MA
Peripheral Vascular Stenting

April 3, 2003 Medical Grand Rounds, Caritas St. Elizabeth's Medical Center, Boston, MA
Emerging Therapies for Peripheral Vascular Restenosis

June 17, 2003 Cardiology Grand Rounds, Central Maine Medical Center, Lewiston, ME
Emerging Therapies for Peripheral Vascular Restenosis

October 10-11, 2003 Boston Scientific Corporation Medical Advisory Board Meeting,
The Ritz-Carlton Lodge, Reynolds Plantation, GA
Cryoplasty

April 22, 2004, invited faculty, Medtronic Embolic Protection Summit, Danvers, MA

August 17, 2004, Cordis Endovascular Representative Training Program, Warren, NJ

October 19, 2004, Angio Club, Albany, NY

Cryoplasty and Cutting Balloon Angioplasty for Treatment of Peripheral Arterial Disease

October 28, 2004, Bethesda Marriott, Bethesda, MD
Renal Artery Stenting with Embolic Protection

October 29, 2004, 23rd Annual Washington Adventist Hospital Cardiovascular Symposium,
Bethesda Marriott, Bethesda, MD
Renal Artery Stenting: Indications, Results, and the Role of Embolic Protection

November 9, 2004, Portland Harbor Inn Hotel, Portland, ME
Cryoplasty and Cutting Balloon Angioplasty for Treatment of Peripheral Arterial Disease

February 10, 2005, Medical Grand Rounds, Caritas St. Elizabeth's Medical Center
Boston, MA
Renal Artery Stenting: Indications, Results, and the Role of Embolic Protection

March 2, 2005, Boston Scientific Corporation Spring Medical Advisory Board Meeting, The
Grand Hyatt, Denver, CO

March 14-15, 2005, Boston Scientific Corporation Cryoplasty Thought Leader Forum,
Carmel, CA

May 6, 2005, SCAI 28th Annual Scientific Session, Sawgrass Marriott, Ponte Vedra
Beach, FL
Vascular Access: Femoral Technique

September 21, 2005, Medical Grand Rounds, Caritas Carney Hospital, Dorchester, MA
*Renal Artery Stenting: Indications, Results, and the Emerging Role of Embolic Protection
Devices*

November 30, 2005, Cardiology Grand Rounds, Toyohashi Heart Center, Toyohashi City,
Japan
Iliac and SFA Interventions

April 25, 2006, Boston Scientific Educational Symposium, Boston, MA
The PolarCath™ Peripheral Dilatation System

June 13, 2006, Cardiology Grand Rounds, Hartford Hospital, Hartford, CT
*Emerging Technologies in the Future of Interventional Cardiology- Peripheral Intervention
in the Cardiac Catheterization Lab*

January 5, 2007, Cardiac Catheterization Rounds, Saints Memorial Hospital, Lowell, MA
How to Start a Vascular Program

January 23, 2007, Cordis Endovascular National Sales Meeting, Bonita Springs, FL
Frontrunner First for Chronic Total Occlusions

January 30, 2007, Cardiac Catheterization Rounds, St. Vincent's Medical Center, Worcester, MA

Iliac and SFA Interventions

March 22, 2007, Cardiac Catheterization Rounds, Rhode Island Hospital, Providence, R.I.

Vascular Access

June 13, 2007, Advanced Cardiovascular Interventions Meeting, Hilton Head, SC

Frontrunner First for Chronic Total Occlusions

September 25, 2007, Vascular Interventions Advanced (VIVA) Meeting, Las Vegas, NV

Frontrunner First for Chronic Total Occlusions

October 20, 2007, Transcatheter Cardiovascular Therapeutics (TCT) Annual Meeting, Washington, DC

Moderator and Discussant, Carotid Stent Workshop

January 22nd and 23rd, 2008, International Symposium on Endovascular Therapy (ISET) Evening Satellite Program, Miami, FL

Current Treatment of Iliac and SFA Chronic Total Occlusions

April 4, 2008, SFA Roundtable Expert Panel, Phoenix, AZ

Invited Faculty and Discussant

May 5, 2008, Gore Vascular National Sales Meeting, Amelia Island, FL

Keynote Address Speaker, *SFA Intervention and the Role of the Viabahn Stent*

July 28, 2008, IDEV National Sales Meeting, Houston, TX

Keynote Address Speaker, *The Role of the Supera Stent and Vascul-Trak2 Balloon in the Treatment of Lower Extremity PAD*

October 15, 2008, Transcatheter Cardiovascular Therapeutics (TCT), Washington, D.C.

Everything You Ever Wanted to Know About Stenting the SFA with Viabahn but Were Afraid to Ask

January 12, 2009, Chronic Total Occlusions- A Crossing Algorithm, Expert Panel, Cincinnati, OH. Results to be published in Endovascular Today

Invited Faculty Member

January 15, 2009, Leipzig Interventional Course (LINC 2009), Leipzig, Germany
Guest faculty

Clinical Experience with the Supera Interwoven Nitinol Stent

January 16, 2009, Leipzig Interventional Course (LINC 2009), Leipzig, Germany
STRONG Registry Investigator's Meeting

Presentations of Case Studies Using the Supera Interwoven Nitinol Stent

February 26, 2009, IDEV National Sales Meeting, Phoenix, AZ
Update on the Role of Stenting in the SFA

March 26, 2009, CSI Regional Symposium, Boston, MA
The Role of Orbital Atherectomy in Above-Knee SFA-Popliteal Disease

April 15, 2009, Moderator, CTO Summit, Presbyterian Hospital, Dallas, TX

May 13, 2009, Moderator, CTO Bootcamp, Presbyterian Hospital, Dallas, TX

June 4, 2009, Cardiology Grand Rounds, Brockton Hospital, Brockton, MA
The Role of Stenting in the SFA

June 15, 2009, Capital Cardiovascular Conference, Baltimore, MD
Moderator, Evening Symposium, Venous Thromboembolic Disease
DVT Percutaneous Intervention: New Opportunity for Interventional Cardiologists and Reimbursement Guidelines

June 15, 2009, Capital Cardiovascular Conference, Baltimore, MD
Panelist, Carotid Interventions

June 16, 2009, Capital Cardiovascular Conference, Baltimore, MD
Panelist, Renal and Mesenteric Session
Update on the VIVA-Fortress Renal Stent Trial Utilizing the Fibernet EPD

July 10, 2009, New Cardiovascular Horizons, New Orleans, LA
Upcoming Design of the SUPERB Trial: Utilizing the Supera® Wire Interwoven Stent in SFA Disease

July 11, 2009, New Cardiovascular Horizons, New Orleans, LA
Session Moderator, Emerging Technologies

September 2, 2009, Cardiology Grand Rounds, UMass Memorial Medical Center, Worcester, MA
New Treatments for Lower Extremity Vascular Disease

September 11, 2009, Moderator, Peer 360° Series Using the Diamondback Orbital Atherectomy Device
Lankenau Hospital, Wynnewood, PA

April 24, 2010, American College of Lower Extremity Surgeons Annual Scientific Sessions, Livonia, MI
New Treatments for Lower Extremity Arterial Vascular Disease

June 2, 2010, New Cardiovascular Horizons, New Orleans, LA
Protocol Overview of the SUPERB Trial Utilizing the Supera® Wire Interwoven Stent in SFA Disease

June 2, 2010, New Cardiovascular Horizons, New Orleans, LA
Session Co-Chairman, Tailoring Interventions in the SFA

June 3, 2010, New Cardiovascular Horizons, New Orleans, LA
Session Co-Chairman, Critical Limb Ischemia Summit

June 21, 2010, Complex Cardiovascular Catheter Therapeutics, Baltimore, MD
Session Co-Chairman, Femoropopliteal Interventions

June 21, 2010, Complex Cardiovascular Catheter Therapeutics, Baltimore, MD
VIBRANT Trial Clinical Trial Update

June 22, 2010, Complex Cardiovascular Catheter Therapeutics, Baltimore, MD
Session Co-Chairman, Restenosis Forum: Infrainguinal and Renal Artery Restenosis
Patterns of In-Stent Restenosis in Superficial Femoral Artery Long Lesions and Implications on Treatment Selection and Outcome: Differences Between Bare Metal versus Endoluminal Stent Graft

September 29, 2010, Cardiology for the Primary Care Physician Symposium, Providence, RI
Carotid Stenting: Who Should Get It?

October 21, 2010, Vascular Interventional Advances Annual Symposium, Las Vegas, NV
Real World Treatment for Lower Extremity Thrombosis: Results of the PEARL I Registry

January 20, 2011, Leipzig Interventional Course, Leipzig, Germany
Panel Member, Symposium on innovative approaches for complex peripheral occlusions

January 20, 2011, Leipzig Interventional Course, Leipzig, Germany
Versatility of Viabahn Endoprosthesis in Treating Vascular Disease

February 23, 2011, Cardiology Grand Rounds, Yale-New Haven Hospital, New Haven, CT
New Treatments for Lower Extremity Disease

April 28, 2011, Invited Lecture, Annual Fain Lecture, The Miriam Hospital, Providence, RI
Endovascular First for Treatment of Lower Extremity Peripheral Arterial Disease: The New Paradigm

May 16, 2011, Cardiology Grand Rounds, St. Vincent's Medical Center, Worcester, MA
New Treatments for Lower Extremity Disease

June 1, 2011, New Cardiovascular Horizons, New Orleans, LA
Covered Stents for Treatment of Long SFA Disease

June 2, 2011, New Cardiovascular Horizons, New Orleans, LA
Session Co-Chairman, Clinical Consequences on the Role of Stent Grafts to Treat Challenging SFA Disease
Update on the VIPER Trial

June 26-30, 2011, Scientific Sessions Committee, Complex Cardiovascular Catheter Therapeutics, Orlando, FL

June 28, 2011, Co-Moderator, Clinical Trials of Stent Grafts for Femoropopliteal Segments
Update on the VIPER Trial

July 29, 2011, The Chicago Endovascular Conference, Chicago, IL
Is Femoral Popliteal Bypass Still the First Choice or Is Percutaneous Repair of Long SFA CTO Now the Standard of Care for Most Patients?

July 29, 2011, The Chicago Endovascular Conference, Chicago, IL
Superficial Femoral Artery Summit Panelist

September 28, 2011, 10th Annual Cardiology for the Primary Care Physician, Providence, RI
Asymptomatic Carotid Disease: Guidelines for Assessment and Management

October 5, 2011, WebMD Chronic Limb Ischemia Forum, New Brunswick, NJ
Chronic Limb Ischemia Best Practices

October 10, 2011, Viabahn Experts Forum, Scottsdale, AZ
Technical Considerations for Stent-Graft Placement

October 29, 2011, Save a Leg, Save a Life Foundation Annual Meeting, Orlando, FL
Stent-Grafts: When to Use

October 29, 2011, Save a Leg, Save a Life Foundation Annual Meeting, Orlando, FL
Panel Moderator, SFA Disease

October 30, 2011, Save a Leg, Save a Life Foundation Annual Meeting, Orlando, FL
More Vascular Tips: Brachial, Radial, Micropuncture, Ultrasound Guided Access and More

November 23, 2011, Advanced Endovascular Treatment of Femoro-Popliteal Artery Symposium, Castelfranco Veneto Cardiology Center, Castelfranco, Italy
Endoluminal bypass: Concept, Clinical Results, Tips & Tricks, and the Experience from the US

November 25, 2011, 9th Corso di Interventistica Periferica ed Aortica, Avellino, Italy
Versatility of the Viabahn Endoprosthesis in the Treatment of Vascular Disease and In-Stent Restenosis

PUBLICATION LIST:

ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS

Schulman D., Losordo D., Farah T., **Soukas P.**, Reichel N., Joye J.: Correlations Between Coronary Flow Reserve Measured with a Doppler Guide Wire and Treadmill Exercise Testing. *Am Heart Journal* 1997; 134: 99-104

Lotun K., **Soukas P.**, Cho S., O'Donnell K., Griben A., Irwin W., Schainfeld R.: Beta Radiation in the Treatment of In-Stent Restenosis in an In-Situ Saphenous Vein Bypass Graft. *Cardiovasc Rev Med* 2005; 6(2): 75-81

Losordo D., Schatz R., White C., Poh K., Weinstein R., Kearney M., Chaudhry M., Patel S., Burg A., Eaton L., Heyd L., Thorne T., Shturman L., Hoffmeister P., Zak V., Traverse J., Olson R., Flanagan J., Sodano D., Murayama T., Kawamoto A., Kusano K., Wollins J., Welt F., Shah P., **Soukas P.**, Asahara, T., Henry, T. Intramyocardial Transplantation of Autologous CD34+ Stem Cells for Intractable Angina: A Phase I/IIa Double-Blind Randomized Controlled Trial. *Circulation*. 2007;115:3165-3172.

Mitchell J., Subramanian R., White C., **Soukas P.**, Almagor Y., Stewart R., Rosenfield K. Predicting Blood Pressure Improvement in Hypertensive Patients After Renal Artery Stent Placement: Renal Fractional Flow Reserve. *Catheter Cardiovasc Interv* 2007; 69:685-689.

Thatipelli MR, Hand DL, Irwin WT, **Soukas, PA**, Steller MA, Schainfeld, RM. A Variant of Mondor's Disease. *Vasc Med* 2007; 12:135-136.

Kuznetsov E., Schifferdecker B., Jaber B., **Soukas P.**, Liangos O. Recovery of Acute Renal Failure Following Bilateral Renal Artery Angioplasty and Stenting. *Clin Nephrol.* 2007 Jul;68(1):32-7

Schifferdecker B., Merchan J., Worthington M., Ahmar C., Griben A., Schainfeld R., **Soukas P.** Endovascular Treatment of Septic Thrombophlebitis: A Case Report of a Rare Complication and Review of the Literature. *Vasc Med* 2009;14:47-50.

Thatipelli, M., Misra S., Sanikommu S., Schainfeld R., Sharma S., **Soukas P.** Embolic Protection Device Use in Renal Artery Stent Placement. *J Vasc Interv Radiol* 2009; 20(5):580-6. E-pub 2009 Mar 27.

Thatipelli M., Mista S., Sanikommu S., Schainfeld R., **Soukas P.** Safety and Short-term Outcomes following Controlled Blunt Microdissection Revascularization of Symptomatic Arterial Occlusions of the Pelvis and Lower Extremities. *J Vasc Interv Radiol* 2009; 20:1541-1547.

Lotun K, **Soukas P.**, Bueno R, Igbokidi, Owens C, Schainfeld R. Bilateral Arterial Thoracic Outlet Syndrome With Intermittent Subclavian Artery Occlusion. *Interv Cardiol* 2011;3(2):165-170.

Laird J, Tehrani F, **Soukas P.**, Joye J, Ansel G, Rocha-Singh K. Feasibility of FiberNet® Embolic Protection System in Patients Undergoing Angioplasty for Atherosclerotic Renal Artery Stenosis: Results from the FORTRESS Trial.

CORPORATE AUTHORSHIP OR MULTICENTER TRIALS

Safian RD, Bresnahan JF, Jaff MR, Foster M, Bacharach JM, Maini B, Turco M, Myla S, Eles G, Ansel G, on behalf of the CREATE Pivotal Trial Investigators. Protected Carotid Stenting in High-Risk Patients With Severe Carotid Artery Stenosis. *J Am Coll Cardiol* 2006;47:2384-9.

Katzen BT, Criado FJ, Ramee SR, Massop DW, Hopkins LN, Donohoe D, Cohen SA, Mauri L, on behalf of the CASES-PMS Investigators. *Catheter Cardiovasc Interv* 2007;70:316-323.

Gurm HS, Yadav JS, Fayed P, Katzen BT, Mishkel GJ, Bajwa TK, Ansel G, Strickman NE, Wang H, Cohen SA, Massaro JM, Cutlip DE; SAPPHERE Investigators. Long-Term Results of Carotid Stenting Versus Endarterectomy in High-Risk Patients. *N Engl J Med* 2008 Apr 10;358(15):1572-9

Massop D, Dave R, Metzger C, Bachinsky W, Solis M, Shah R, Schultz G, Schriber T, Ashchi M, Hibbard R, on behalf of the SAPPHIRE Worldwide Investigators. Stenting and Angioplasty With Protection in Patients at High-Risk for Endarterectomy: SAPPHIRE Worldwide Registry First 2,001 Patients. *Catheter Cardiovasc Interv* 2009;73:129-136.

Schreiber TL, Strickman N, Davis T, Kumar V, Mishkel G, Foster M, Donohoe D, Britto S, Ansel G, on behalf of the CASES-PMS Investigators. Carotid Artery Stenting With Emboli Protection Surveillance Study: Outcomes at 1 Year. *J Am Coll Cardiol*, 2010;56:49-57.

Myla S, Bacharach JM, Ansel G, Dippel EJ, McCormick DJ, Popma JJ. Carotid Artery Stenting in High Surgical Risk Patients Using the FiberNet Embolic Protection System: The EPIC Trial Results, on behalf of the EPIC Investigators. *Catheter Cardiovasc Interv* 2010; 75: 817-822.

Brott, TG, Hobson RW 2nd, Howard G, Clark WM, Brooks W, Mackey A, Hill MD, Leimgruber PP, Sheffet AJ, Howard VJ, Moore WS, Voeks JH, Hopkins LN, Cutlip DE, Cohen DJ, Popma JJ, Ferguson RD, Cohen SN, Blackshear JL, Silver FL, Mohr JP, Lal BK, Meschia JF; CREST Investigators; *N Engl J Med* 2010 Jul 1;363(1):11-23. E-pub 2010 May 26.

NON PEER-REVIEWED

Tufts Medicine Magazine. Clearing the way- how Tufts is helping older patients with leg pain reclaim their lives. Summer 2007, Vol 68; No. 3, 14-18.

Soukas P., Amankwah K., Venbrux, A. PE in DVT Roundtable. August 2008, *Endovascular Today*; 43-52.

Bajwa T., Chopra P., Coats R., Gable D., Jones P., Mewissen M., Motarjeme A., Park J., Pershad A., Saxon R., Schneider D., **Soukas P.** Endovascular Repair of the Superficial Femoral Artery. September 2008, *Endovascular Today (Suppl)*; 1-22.

Soukas, P. New Strategies for Crossing Iliac CTOs. April 2009, *Endovascular Today (Suppl)*; 3-10.

PUBLICATIONS SUBMITTED OR IN PREPARATION

Thatipelli MR, Misra S, Sanikommu SR, Schainfeld RM, Soukas, PA. Effect of Stent Cell Design on Neurological Outcomes Following Carotid Artery Stenting. Submitted to: *Journal of Vascular Interventional Radiology*, 2010

Viabahn Stent-Graft Prosthesis for Femoro-popliteal In-Stent Restenosis. Soukas PA, Al-Shammeri OA, Bitar FG, Ghitelman J.

ABSTRACTS

Joye J., Cates E., Farah T., Knopf W., **Soukas P.**, Petruolo S., Donahue B., Losordo D.: Cost Analysis of Intracoronary Doppler Determination of Lesion Significance: Preliminary Results of the PEACH study. *Journal Inv Cardio* 1994:22A

House K., Losordo D., Dianzumba S., Kramer C., **Soukas P.**, Farah T., Reichek N., Joye J.: Dobutamine Stress Echocardiography Results Correlate with Intracoronary Doppler Measures of Coronary Flow Reserve. *JACC* 1996, Vol 27:176 (A)

Joye J., Campsey M., **Soukas P.**, Farah T., Schulman D., Losordo D.: Coronary Flow Reserve After PTCA and Intracoronary Stenting: A Physiologic Endpoint of Procedural Success. *J Invas Cardiol* 1996:8; 48 (A)

Joye J., Losordo D., Farah T., **Soukas P.**, McCreery C., Schulman D.: Assessment of the Microvasculature After Acute Myocardial Infraction Using Myocardial Contrast Echocardiography, Rest Th – 201 Imaging and Coronary Flow Reserve. *Circulation* 1996: Vol. 94, No 8, 1-23 (A)

Joye J., Losordo D., Farah T., **Soukas P.**, McCreery C., Grandis D., Shulman D.: Coronary Flow Reserve in Non-Infract Related Arteries in Patients with Acute Myocardial Infraction: Relationship to Infract Size. *Circulation* 1996 Vol 94, No 8:1-22 (A)

Cho S., Lotun K., **Soukas P.**, Irwin W., Schainfeld R.: Carotid Artery Stenting with Normal Final Completion Angiogram: Is There a Role for Early Duplex Scan? *Society of Vascular Medicine and Biology*, (2003)

Lotun K., **Soukas P.**, Owens C., Kenney L., Ingram S., Schainfeld R.: Renal Resistive Index Decreases in the Contralateral Non-Stented Kidney in Patients Undergoing Unilateral Renal Artery Stenting: A New Indication for Renal Artery Stenting? *Society of Vascular Medicine and Biology*, (2004)

Thatipelli M., Sanikommu S., Sharma S., Shainfeld R., **Soukas P.**: Role of GuardWire Embolic Protection Device in Percutaneous Stent-Supported Renal Artery Angioplasty: A Case-Control Study. *Cathet Cardiovasc Intervent*, (2007)

Thatipelli M., Sanikommu S., Schainfeld R., **Soukas P.**: Safety and Efficacy of Controlled Microdissection Catheter in Revascularization of Symptomatic Lower Extremity Chronic Total Occlusions- A Single Center Experience. *Transcatheter Cardiovascular Therapeutics*, (2007)

Thatipelli M., Sanikommu S., Schainfeld R., **Soukas P.**: Short-Term Outcomes Following Revascularization of Symptomatic Lower Extremity Chronic Total Occlusions Using

Controlled Microdissection Catheter- A Single Center Experience. *Transcatheter Cardiovascular Therapeutics*, (2007)

Thatipelli M, Sanikommu S., Schainfeld R., **Soukas P.**: Stent Supported Carotid Angioplasty in Octogenarians Performed at a High Volume Endovascular Interventional Center is Safe. *International Symposium of Endovascular Therapy, ISET*, (2008)

Thatipelli M., Sanikommu S., Schainfeld R., **Soukas P.**: Does Stent Cell Design Influence the Neurological Complications Following Carotid Angioplasty? *International Symposium of Endovascular Therapy, ISET*, (2008)

Thatipelli M., Sanikommu S., Schainfeld R., **Soukas P.**: Stent Supported Carotid Angioplasty in Octogenarians Performed at a High Volume Endovascular Interventional Center is Safe. *International Symposium of Endovascular Therapy, ISET*, (2008)

Losordo D, Henry T, Schatz R, Lee J, Bass T, Niederman A, Mendelson F, Davidson C, Waksman R, **Soukas P**, Simon D, Chronos N, Fortuin F, Huang P, Weintraub N, Rosenfield K, Wong S, Taussig A, Raval A, Sherman W, Kereiakes D, Strumpf R, Port S, Pieper K, Adams P, Ewenstein B, Story K, Barker K, Harrington R.: Autologous CD34+ Cell Therapy for Refractory Angina: 2 Year Safety Analysis. *American Heart Association Scientific Session*, 2010

Gray W, Kasirajan K, Bacharach M, Mehta M, Begg R, **Soukas P.** A Multicenter Evaluation of a Novel Embolic Filter Device for Carotid Artery Stenting: Final Results of the EMBOLDEN Study. *Transcatheter Cardiovascular Therapeutics*, (2010)

Al-Shammeri O, Bitar F, Ghitelman J, **Soukas P**, Viabahn for Femoropopliteal In-Stent Restenosis. *Transcatheter Cardiovascular Therapeutics, JACC*, 2010; 56 (13): B96

Mechanical Thrombectomy in Treatment of Limb Ischemia: Interim Results of a Prospective Multi-Center Registry. Eaves B, Amin A, Blitz L, Garcia M, Lookstein R, Simoni E, **Soukas P.** *Transcatheter Cardiovascular Therapeutics*, 2011.

RESEARCH ACTIVITIES

1991 –1993 Site Coordinator, Randomized Evaluation of Salvage Angioplasty with Combined Utilization of Endpoints (RESCUE trial)

1992 – 1993 Fellow Representative, Greater Boston Area Fellow Consortium

Site Co-Investigator, Stent Anticoagulation Regimen Study (STARS Trial)

Site Co-Investigator, Coronary Reserve Utilization for Stent and Angioplasty: The Doppler Endpoint (The CRUSADE Trial)

Site Co-Investigator, Dispatch Urokinase Efficacy Trial (The DUET Trial)

Site Co-Investigator, A Double-Blind Placebo-Controlled, Multi-Center Study of CY-1503 in Prevention of Myocardial Reperfusion Injury in Patients with Acute Myocardial Infarction Treated with Primary Angioplasty (The CALYPSO Trial)

Site Co-Investigator, ACS MULTI-LINK Coronary Stent System (The ASCENT Trial)

Site Co-Investigator, Evaluation of PTCA to Improve Long-Term Outcome by c7E3 GP IIb / IIIa Receptor Blockade (The EPILOG Trial)

Site Co-Investigator, Early Identification of Myocardial Viability After Infarct-Related Artery Reperfusion (The VAMI Trial)

Site Co-Investigator, Local Delivery of Heparin During PTCA for Acute MI (The Local MED / PAMI Pilot Study)

Site Co-Investigator, Can Routine Ultrasound Impact Stent Expansion (The CRUISE Trial) – A sub study of the Stent Anti-Thrombotic Regimen Study (The STARS Trial)

Site Co-Investigator, A Phase II, Double Blind Placebo Controlled Study to Assess the Effect of Intracoronary and Multiple Intravenous Infusions of rhVEGF on Exercise Tolerance in Adults with Viable But Underperfused Myocardium

Site Co-Investigator, Ultra GFX 2.5 mm Acute or Threatened Closure Registry (AVE)

Site Co-Investigator, a Multicenter Study of the Palmaz-Schatz Minicrown Balloon Expandable Stent Mounted on the Cordis Dynasty OTW Delivery System for Patients Undergoing Elective Minicrown Stent Placement Versus Balloon Angioplasty in Small Coronary Arteries (Cordis, a Johnson & Johnson Co.)

Site Co-Investigator, Acolysis During Treatment of Lesions Affecting Saphenous Vein Bypass Grafts (The ATLAS Trial)

Site Co-Investigator, Intravascular Radiation Delivery Device for In-Stent Restenosis.
Sponsor: United States Surgical Corporation

Site Co-investigator, CAMPER Trial: Evaluates the effect of Clopidogrel vs. placebo on a background of standard care including aspirin in maintaining the patency of lower extremity arteries after angioplasty.
Sponsor: Sanofi-Synthelabo

Site Co-investigator, PROTÉGÉ: Self-expanding Nitinol stent with Star-Port delivery technology for iliac artery suboptimal angioplasty.
Sponsor: Intratherapeutics

Site Co-investigator, SMART SFA Trial: The study of percutaneous transluminal angioplasty with the SMART self-expanding Nitinol stent for obstructive superficial femoral arteries and randomized with abciximab (ReoPro) administration.
Sponsor: Cordis Endovascular

Site Co-investigator, A Comparison of CS-747 and Clopidogrel in Acute Coronary Syndrome Subjects who are to Undergo Percutaneous Coronary Intervention/TIMI38 (Protocol No. H7T-MC-TAAL).
Sponsor: Eli Lilly & Co. and Sankyo Co., LTD

Site Co-investigator, TRELIS Trial: The reserve peripheral infusion system in thrombotic arterial occlusion of the peripheral vasculature.
Sponsor: Bacchus Vascular Inc

Site Co-investigator, Plasmid DNA Vector (ph VEGF₁₆₅ Caritas St. Elizabeth's Medical Center), Expressing Vascular Endothelial Growth Factor Gene; Intramyocardial, per Infiltrator Catheter (Interventional Tech.), for the Prevention of Coronary Restenosis.
Sponsor: Corautus Genetics Inc.

Site Co-investigator, BSC ELECT (Boston Scientific Corporation Elective Stenting of Coronary Arteries on LiberTé™ System): To demonstrate equivalency (i.e., non-inferiority) of 30-day Major Adverse Cardiac Events (MACE) for the LiberTé™ Coronary Stent System compared to the control treatment group (uncoated Express™ stent from TAXUS IV-SR).
Sponsor: Boston Scientific Corporation

Site Co-investigator, A Phase IIa, Randomized, Double-Blind, Placebo-Controlled Clinical Trial to Examine the Safety and Efficacy of Intravenous MCC-135 as an Adjunct to Standard Therapy with Primary PCI in Patients Diagnosed as Having an ST Elevation Acute Myocardial Infarction.
Sponsor: Mitsubishi Pharma Corporation

Site Co-investigator, A Randomized Evaluation in PCI Linking Angiomax® to Reduced Clinical Events, Part 2: REPLACE –2. A randomized double-blind drug study to compare Angiomax® monotherapy to standard combination therapy with unfractionated heparin and Abciximab. Sponsor: The Medicines Company

Site Co-investigator, A prospective single-center registry of the Cypher™ drug eluting stent in clinical practice.

Sponsor: Caritas St. Elizabeth's Medical Center

Site Co-investigator, The ACUITY Trial: a randomized comparison of Angiomax® (bivalirudin) versus Lovenox® / Clexane® (enoxaparin) in patients undergoing early invasive management for acute coronary syndromes without ST-segment elevation.

Sponsor: The Medicines Company

Site Co-investigator, Injection of Autologous CD34-positive Cells for Neovascularization and Symptom Relief in Patients with Myocardial Ischemia, a pilot study.

Sponsor: NIH

Site Co-investigator, CLOSURE I Trial: A Prospective, Multicenter, Randomized Controlled Trial to Evaluate the Safety and Efficacy of the STARFlex® Septal Closure System Versus Best Medical Therapy in Patients With a Stroke and/or Transient Ischemic Attack Due to Presumed Paradoxical Embolism Through a Patent Foramen Ovale.

Sponsor: NMT Medical, Inc.

Site Co-investigator, Multicenter Comparison of Computed Tomographic Angiography and Conventional Diagnostic Angiography for Detection of Coronary Stenoses.

Sponsor: Phillips Medical Systems

Site Co-investigator, A Randomized Double-Blind, Placebo-Controlled, Dose-Escalating Study of Intramuscular Vascular Endothelial Growth Factor 2 Gene Transfer in Patients with Moderate or High-Risk Critical Limb Ischemia.

Sponsor: Caritas St. Elizabeth's Medical Center

Site Co-investigator, A Phase 2, Randomized, Double-blind, Placebo-controlled, Parallel-group, Multicenter, Dose-Selection Study of Ad2/Hypoxia Inducible Factor (HIF)-1 α /VP16 in Patients with Intermittent Claudication.

Sponsor: Genzyme Corporation

Site Co-investigator, A Multicenter, Randomized, Parallel, Double-blind, Placebo-controlled, Study to Assess the Safety, Tolerability, Pharmacokinetics, and Pharmacodynamics of PAI-749 in Subjects with Peripheral Arterial Disease (PAD).

Sponsor: Wyeth Corporation

Site Co-investigator, Protocol HA004: Phase 3, Multicenter, Randomized, Double-Blind, Placebo-Controlled Study to Evaluate the Efficacy and Safety of Alfimeprase in Subjects with Acute Peripheral Arterial Occlusion (NAPA-2).

Sponsor: Nuvelo, Inc.

Site Co-investigator, BB-IND 11931/Study Entitled: Injection of Autologous CD34-Positive Cells for Neovascularization and Symptom Relief in Patients with Severe Intermittent Claudication.

Sponsor: Caritas St. Elizabeth's Medical Center

Site Co-investigator, A Randomized Double-Blind, Placebo-Controlled, Dose-Escalating Study of Intramuscular Vascular Endothelial Growth Factor 2 Gene Transfer in Patients with Moderate to High-Risk Critical Limb Ischemia.

Sponsor: Caritas St. Elizabeth's Medical Center

Site Co-investigator, Investigation of the seroprevalence of IgG antibody against Chlamydia pneumoniae in patients with peripheral vascular disease and intermittent claudication.

Sponsor: ActivBiotics, Inc.

Site Co-investigator, PhVEGF165 Gene Transfer to Promote Angiogenesis in Patients with Ischemic Heart Failure, BB-IND 10442.

Sponsor: Caritas St. Elizabeth's Medical Center

Site Co-investigator, A Prospective, Randomized, Open Label, Multicenter, Pilot Study to Evaluate the ROX Anastomotic Coupler System (ACS) in Patients with Chronic Obstructive Pulmonary Disease Protocol Number: US-01 VERSION 2.0.

Sponsor: ROX Medical

Site Co-investigator, DESERT Study, A Study to Identify Real-World Correlates of Late Drug-Eluting Stent Thrombosis

Sponsor: Medstar Research Institute

Site Co-investigator, CYPRESS DAPT Study, CYPheR for Evaluating Sustained Safety

Sponsor: Cordis Corporation

Site Co-investigator, HCRI DAPT Study, The Dual Antiplatelet Therapy Study

Sponsor: Harvard Clinical Research Institute

Site Co-investigator, Dal-Plaque Study

Sponsor:

Site Co-investigator, ALECARDIO Study

Sponsor:

Site Co-investigator, APPRAISE II Study

Sponsor:

Site Co-investigator, BOSS Study,

Sponsor:

Site Principal Investigator, RESISTOR: Research Evaluation to Study Individuals who Show Thromboxane Or P2Y12 Receptor Resistance.

Sponsor: Schering- Plough Inc.

Site Principal Investigator, A Double-Blind, Prospective, Randomized, Placebo-Controlled Study to Determine the Tolerability, Efficacy, Safety, and Dose Range of Intramyocardial Injections of Autologous CD34+ Cells for Reduction of Angina Episodes in Patients with Refractory Chronic Myocardial Ischemia.

Sponsor: Baxter Healthcare Corp.

Site Principal Investigator, The CHAMPION-PCI Trial: A Clinical Trial Comparing Cangrelor to Clopidogrel in Subjects Who Require Percutaneous Coronary Intervention, Protocol No. TMC-CAN-05-02, US IND No. 56,812.

Sponsor: The Medicines Company

Site Principal Investigator, CREST: Carotid Revascularization Endarterectomy vs. Stent Trial. Sponsor: NIH

Site Principal Investigator, APPROVE (Angiomax® Peripheral Registry of Vascular Events): A Study to Assess the Safety of Replacing Heparin with Angiomax® (bivalirudin) in Patients Undergoing Percutaneous Peripheral Procedures (Non-Cardiac) Interventional Procedures. Sponsor: The Medicines Company

Site Principal Investigator, Florence Medical Study: Correlative Pressure Derived Renal Fractional Flow Reserve (a Hemodynamic Estimate of Stenosis Severity) with Clinical Outcomes (Blood Pressure and Renal Function) Following Percutaneous Renal Artery Revascularization.

Sponsor: Florence Medical

Site Principal Investigator, ARCHER: A Prospective Non-Randomized Multicenter Feasibility Study to Assess the Safety of the AccUNET Embolic Protection System with the AccuLink Carotid Stent System Treatment of Patient Lesions in the Internal Carotid Artery.

Sponsor: Guidant Corporation

Site Principal Investigator, SAPPHIRE: Stenting and Angioplasty with Protection Patients at High-Risk for Endarterectomy.

Sponsor: Cordis Endovascular

Site Principal Investigator, SHELTER: Embolic Stenting of High-Risk Patients: Extra-Cranial Carotid Artery Lesion Trial with Embolic Removal.

Sponsor: Boston Scientific Corporation

Site Principal Investigator, CORDIS Feasibility: A Multi-Center Clinical Evaluation of the Cordis Nitinol Carotid Stent and the Delivery System for the Treatment of Obstructive Carotid Disease.

Sponsor: Cordis Endovascular

Site Principal Investigator, CORAL Trial: Cardiovascular Outcomes in Renal Atherosclerotic Lesions

Sponsor: NIH

Site Principal Investigator, SPIDER Trial: SVG Protection In a Distal Embolic Protection Randomized Trial.

Sponsor: ev3 Inc.

Site Principal Investigator, CREATE Trial: Carotid Revascularization with ev3 Arterial Technology Evolution Carotid Stent Trial Using the Protégé® Stent and Spider™ Embolic Protection Device.

Sponsor: ev3 Inc.

Site Principal Investigator, The ARCHER Long Term Follow-Up Trial: A Prospective, Multi-Center, Long-Term Follow-Up Study of Carotid Artery Stenting in High-Risk Patients Who Were Implanted With an Acculink™ Carotid Stent in the Archer Trial (Archer 1,2 and 3).

Sponsor: Guidant Corporation

Site Principal Investigator, Below Knee Chill Trial: Phase 3, Multicenter Trial to Evaluate the Efficacy and Safety of Cryoplasty in Patients with Critical Limb Ischemia.

Sponsor: CryoVascular Systems, Inc.

Site Principal Investigator, Cordis Carotid Artery Stenting with Emboli Surveillance- Post Marketing Study (CASES-PMS).

Sponsor: Cordis Endovascular

Site Principal Investigator, CREATE SpideRX Trial, Carotid Revascularization with ev3 Arterial Technology Evolution.

Sponsor: ev3, Inc.

Site Principal Investigator, CARES Carotid Trial

Sponsor: Cordis Endovascular

Site Principal Investigator, The EXACT Study, Emboshield and Xact Post Approval Carotid Stent Trial

Sponsor: Abbott Vascular Devices, Inc.

Site Principal Investigator, The CHOICE Study, Carotid Stenting for High Surgical Risk Patients; Evaluating Outcomes Through the Collection of Clinical Evidence

Sponsor: Abbott Vascular Devices, Inc.

Site Principal Investigator, Stenting and Angioplasty with Protection in Patients at High-Risk for Endarterectomy- Sapphire WW

Sponsor: Cordis Endovascular

Site Principal Investigator, SONOMA- Post Market Approval Registry; The NexStent® Carotid Stent System: A Post Market Approval Evaluation Study in Conjunction with the Boston Scientific FilterWire EZ™ Embolic Protection System

Sponsor: Boston Scientific Corporation

Site Principal Investigator, The Assessment of the Medtronic AVE Interceptor Saphenous Vein Graft Filter System (AMethyst)- IDE #G010197-Version 12.0A

Sponsor: Medtronic Vascular

Site Principal Investigator, PROTECTed Carotid Artery Stenting in Subjects at High Risk for Carotid Endarterectomy
Sponsor: Abbott Vascular, Inc.

Site Principal Investigator, Carotid Revascularization with ev3 Arterial Technology Evolution Post Approval Study (CREATE PAS)
Sponsor: ev3 Endovascular, Inc.

Site Principal Investigator, The MASS COMM TRIAL- A Randomized Trial to Compare Percutaneous Coronary Intervention Between Massachusetts Hospitals With Cardiac Surgery-On-Site and Community Hospitals Without Cardiac Surgery-On-Site
Sponsor: Massachusetts Department of Public Health

Site Principal Investigator, IMMEDIATE (Immediate Myocardial Metabolic Enhancement During Initial Assessment and Treatment in Emergency Care) Trial
Sponsor: NHLBI

Site Principal Investigator, EVENT Registry: A Multicenter Registry for the Evaluation of Drug Eluting Stents and Ischemic Events
Sponsor: Methodist Hospital Research Institute

Site Principal Investigator, EPIC Trial: Evaluating the Use of the FiberNet® Embolic Protection System in Carotid Artery Stenting: The EPIC US Pivotal Study
Sponsor: Lumen Biomedical, Inc.

Site Principal Investigator, PEARL Registry, PEripheral Use of AngioJet Rheolytic Thrombectomy with Mid-Length Catheters
Sponsor: Possis, Inc.

Site Principal Investigator, CALIBER Registry, A Post-Market Evaluation of the ev3 SilverHawk MEC Technology
Sponsor: ev3 Endovascular, Inc.

Site Principal Investigator, VIVA III-Fortress Trial, FiberNet Renal Artery Embolic Protection Study; A Prospective, Single-arm Feasibility Trial of Renal Artery Distal Protection Using the Lumen Biomedical FiberNet Embolic Protection System in Patients With Atherosclerotic Renal Artery Stenosis
Sponsor: VIVA Physicians, Inc.

Site Principal Investigator, Gore EMBOLDEN Trial, (Gore EMBOLic Filter in CarotiD StENting for High Risk Surgical Subjects).
Sponsor: Gore

Site Principal Investigator, Superb Study, Comparison of the Supera® Peripheral System to a Performance Goal Derived From Balloon Angioplasty Clinical Trials in the Superficial Femoral Artery
Sponsor: IDEV Technologies, Inc.

Abstract Grader, June 2008, for the Annual Scientific Sessions of Trans Catheter Therapeutics (TCT), October 12-17, 2008, Washington, DC

Site Principal Investigator, Definitive LE, **D**etermination of **E**ffectiveness of the Silver-Hawk® Peripheral Plaque Excision System for the **T**reatment of Infrainguinal **V**essels/**L**ower **E**xtremities

Sponsor: ev3

Site Principal Investigator, Prospective, Multicenter, Single-Arm Study of the Viabahn Endoprosthesis with Heparin Bioactive Surface (VIPER)

Sponsor: W. L. Gore

Abstract Grader, June 2009, for the Annual Scientific Sessions of Trans Catheter Therapeutics (TCT), September 20-26, 2009, San Francisco, CA

Site Principal Investigator, CONFIRM Registry, A Post-Market Evaluation of the CSI Diamondback Rotational Atherectomy Device

Sponsor: CSI

Site Principal Investigator, PEARL II Registry, **P**eripheral Use of **A**ngioJet **R**heolytic Thrombectomy with Mid-**L**ength Catheters

Sponsor: Possis, Inc.

Manuscript Reviewer, Circulation- Cardiovascular Interventions, 2010-2011

Steering Committee Member, PEARL II Registry, 2010-Present

Site Principal Investigator, **EXC**imer Laser Randomized Controlled Study for Treatment of Femoropopliteal **I**nStent **R**estenosis: The **EXCITE ISR**

Sponsor: Spectranetics Corp.

Site Principal Investigator, The BIOFLEX-I Study

Sponsor: Biotronik, Inc.

Site Principal Investigator, The SEATTLE PE Study

Sponsor: EKOS Corp.

Site Principal Investigator, The Tigris Study

Sponsor: Gore Medical

Site Principal Investigator, The OPEN Trial

Sponsor: Flexible Stenting Solutions, Inc.

Site Principal Investigator, The PORTRAIT Registry, **P**atient-Centered **O**utcomes **R**elated to **T**reatment Practices in Peripheral **A**rterial Disease- an **I**nternational **T**rajectory

Sponsor; NIH