

Curriculum Vitae

Shaun L. W. Samuels, MD

A. Personal information:

Name in Full: Shaun Laurence Wilkie Samuels, M.D.

Business Address: Baptist Cardiac and Vascular Institute
8900 N. Kendall Dr. Miami, FL 33176

Business Phone: (786)596-5990

Place of Birth: Hollywood, California

Citizenship: U.S.A.

Marital Status: Married

B. Education:

College: University of California, Berkeley, B.Sc., 1983

Medical School: Northwestern University Medical School, M.D.,
1987

Fellowship: University of California, San Francisco, October 1987-June 1988, Medical Education in Radiology

Internship: Harbor-UCLA Medical Center, Torrance, CA, June 1988-June 1989, Internal Medicine

Residency: LA County USC Medical Center, July 1991-July 1995, Diagnostic Radiology. Chief Resident, July 1994-July 1995.

Fellowship: Miami Vascular Institute, Miami, FL, July 1995-July 1996, Vascular/ Interventional Radiology

Licensure: California, 1989
Florida, 1995

C. Professional Background:

American Heart Association Fellowship, studying renal angioplasty patency under direction of Dr. William G. Hayden, Palo Alto, 1982

Biomedical Engineer, with Dr. Thomas J. Fogarty, angioplasty catheter research and design, Palo Alto, 1982

Emergency Physician, Washington Medical Center, Culver City, California, 1990-1991

D. Professional Appointments:

Clinical Assistant Professor, Department of Radiology, Division of Cardiovascular/ Interventional Radiology, Stanford University Hospital, Stanford, California , August 1996-November 2001

Staff Physician, Department of Radiology; Division of Cardiovascular/interventional Radiology; Palo Alto VA Medical Center, Palo Alto, California, August 1996- November 2001

Chief, Division of Cardiovascular/Interventional Radiology, Palo Alto VA Medical Center, Palo Alto, California, 2000-2001

Staff physician, department of radiology, Kaiser Permanente, Santa Clara, California, December 2001-January 2002

Staff physician, Baptist Cardiac and Vascular Institute, Miami, Florida, June 2002-present

E. Society Memberships:

Radiological Society of North America, 1992-present

Society of Interventional Radiology, 1994-present

American Medical Association, May 2006-present

F. Institutional Service:

Undergraduate Advisor, Natural Sciences, Undergraduate Advising Center; Stanford University, 1996-1999.

G. Research Activities:

Major areas of research interest:

Catheter design; new device development for endovascular aneurysm repair; endovascular therapy for cardiac disease; inferior vena cava filter design; endovascular therapy for femoropopliteal occlusive disease. Device development for the removal of

thrombus and other material from the vascular system.

H. Patents:

[US6588588](#)

Medical guidewire adapter for packaging reuse
2003-07-08

[US6375006](#)

Method and apparatus for storing medical guidewires
2002-04-23

[US6047825](#)

Method and apparatus for storing medical guidewires
2000-04-11

[US6159230](#)

Expandable lumen device and method of use
2000-12-12

[US6007575](#)

Inflatable intraluminal stent and method for affixing same within the human body
1999-12-28

[US5947995](#)

Method and apparatus for removing blood clots and other objects
1999-09-07

[US5848964](#)

Temporary inflatable filter device and method of use
1998-12-15

[US5843108](#)

Over the wire scapel
1998-12-01

[US5423851](#)

Method and apparatus for affixing an endoluminal device to the walls of tubular

structures within the body
1995-06-13

I. Publications:

Original Papers/ Abstracts:

Fann JJ, Samuels SL, Slonim SM, Burdon TA, and Dalman RL. Treatment of abdominal aortic anastomotic pseudoaneurysm with percutaneous coil embolization. *J Vasc Surg* 2002; 35:811-4.

Slonim SM, Dake MD, Razavi MK, Kee ST, Samuels SL, Rhee JS, Semba CP. Management of misplaced or migrated endovascular stents. *J Vasc Interv Radiol* 1999; 10: 851-859.

Dake MD, Semba CP, Kee ST, Razavi MK, Slonim SM, Samuels SL, Sze DY. Hemobahn: Results of a multi-center feasibility study for stent-graft treatment of iliac and femoral occlusive disease. (abst). Presented at the Malmo international Symposium on Critical Issues in Endovascular Grafting. Jan 29-30, 1999. Malmo, Sweden

Ahmed A, Samuels SL, Keeffe EB, Cheung RC. Delayed fatal hemorrhage from pseudoaneurysm of the hepatic artery after percutaneous liver biopsy. *Am J Gastroenterology* 2001; 96: 233-237.

Armerding MD, Rubin GD, Beaulieu CF, Slonim SM, Olcott EW, Samuels SL, Jorgensen MJ, Semba CP, Jeffrey Jr RB, Dake MD. Assessment of stent-graft treatment of aneurysm disease: CT versus conventional angiography. 1997 RSNA abstract.

Kato N, Dake MD, Semba CP, Razavi MK, Kee ST, Slonim SM, Samuels SL, Terasaki KK, Zarins CK, Mitchell RS, Miller DC. Treatment of aorto-iliac aneurysms with the use of single-piece tapered stent-grafts. *J Vasc Interv Radiol* 1998 Jan; 9:41-49.

Benenati JF, Becker GJ, Zemel G, Katzen BT, Goodwin LB, Samuels SL. Catheter-directed thrombolysis and intervention for iliofemoral deep venous thrombosis: technique and results.(abst) *JVIR (suppl)* 1997; 8(1): 185.

Dake MD, Semba CP, Kee ST, Razavi MK, Slonim SM, Samuels SL. Stent treatment of steal syndromes associated with left subclavian artery obstruction.(abst) JVIR(suppl) 1997; 8(1): 210.

Dake MD, Semba CP, Kee ST, Razavi MK, Slonim SM, Samuels SL. Recanalization of longstanding inferior vena cava obstruction using endovascular stents. (abst) JVIR(suppl) 1997; 8(1): 220.

Katzen BT, Ardid MI, MacLean AA, Kovacs MF, Zemel G, Benenati JF, Powell A, Samuels S. Evaluation of Bivalrudin as an Anticoagulation Agent for Peripheral Interventions. Journal of Vascular and Interventional Radiology, 2005.

Book Chapters:

Samuels SL and Dake MD. Extracardiac Vascular Interventions. In Braunwald E, Zipes DP, Libby P, eds. Heart Disease: A Textbook of Cardiovascular Medicine. 6th ed., WB Saunders, Philadelphia

J. Presentations:

National Meetings:

1. Infrainguinal interventions. Summit at Squaw Creek. Feb. 1999
2. Complications of Thrombolysis. Summit at Squaw Creek, Feb. 1999
3. Iliac Artery Interventions: Basic and Advanced Considerations. Summit at Squaw Creek, Feb. 1999.
4. Mechanical Thrombectomy. Summit at Squaw Creek. Feb. 1999.
5. Stent Grafts for Treatment of Acute Aortic Dissection. Western Angiographic Society. Sept. 1999.
6. Treatment of Subclavian Artery Aneurysms with Stent Grafts. Western Angiographic Society. Sept. 1999.

7. Regional Arterial Thrombolysis: Practical Considerations. *Frontiers in Vascular Disease*, Spanish Bay, Oct. 1999.
8. Surgical vs. Endovascular repair for the treatment of superior vena cava syndrome. *Frontiers in Vascular Disease*, Spanish Bay, Oct. 1998.
9. Chronic Iliac Occlusions: Current Issues, Unresolved problems. *Frontiers in Vascular Disease*, Spanish Bay, Oct. 1997.
10. Stent-grafts for thoracic aneurysms. Brooklyn Endovascular Symposium, Brooklyn, NY, March 2000
11. Peripheral and Neurovascular Intervention: From Diagnosis to Revascularization; The Principle Devices: Design Iterations, Anatomical Considerations and "Bottom-Line" Extended Follow-up Results; TCT Washington, DC 2003
12. Update on endovascular arterial procedures. Update on Vascular Disease 2000, Baptist Health Care System, San Antonio, TX 2005

Invited Lectures:

Iliac Stenting and Beyond. Sherman Oaks Community Hospital Lecture, Sherman Oaks Community Hospital, July 1997.

Iliac Stents. Tarzana Medical Center, Tarzana, California, July 1997.

DVT in the Medically Ill Patient. Baptist Cardiovascular Conference, Baptist Cardiac and Vascular Institute, Miami, Fl 2004

Where Are We After Ten Years of Endovascular Treatment?

"Endotension- When and How to Treat?", EURO PCR May 25- 28, 2004

Management of Venous Reflux and Varicose Veins. Society of Interventional Radiology, New Orleans, LA, April, 2005

Peripheral Endografts. Society of Interventional Radiology, New Orleans, LA, April, 2005

Dialysis Access- Moderator. Society of Interventional Radiology, New Orleans, LA, April, 2005

Comparative Outcomes of Thoracic Endografts. Society of Interventional Radiology New Orleans, LA April, 2005

DVT and Pulmonary Embolism - From Diagnosis to Medical Treatment-Baptist Cardiac and Vascular Institute, Miami, FL 2005

Interventional Radiology-Radiofrequency Ablation, Baptist Hospital, Miami, FL September 2005

Oncology Conference Series: Update on Liver Metastasis, Baptist Hospital, Miami, Fl January 2006

Endovascular Treatment of Traumatic or Iatrogenic Renal Arterial Disease: Is There a Need for Distal Protection in Renal Arterial Angioplasty and Stenting? ACIR, Istanbul, Turkey, May 2006

Second Generation of Renal Stents. Do They Improve Outcome? ACIR, Istanbul, Turkey, May 2006

Lower Limbs Arteries: Angioplasty and Stenting: Infrainguinal: Femoropopliteal Angioplasty and Stenting. ACIR, Istanbul, Turkey, May 2006

New Developments: Branched Stengrafts. Is there a Future? ACIR Turkey 2006

Infra-inguinal Intervention, The Role of Cryoplasty Atherectomy Rr-entry Devices, Laser, The Role of Interventional Radiology In Endovascular Aneurysm Repair, AIM Symposium, New York, NY, November 2006

Infra-inguinal Interventions, Society of Interventional Radiology, Seattle, Washington, March 2007

Peripheral Lysis, Know On The Go, Baptist Cardiac and Vascular Institute, March 2007

Scientific Exhibits

Fogarty TJ, Kinney T Shoor P, Hayden WG, Zimmerman W, Samuels SL, Wu K, and Chin A: "Comparison of angioplasty catheters: forces, technical difficulties, and complications." Technical Exhibit, American College of Surgeons Meeting, Chicago 1982.

Fogarty TJ, Hayden WG, Kinney T Chin A, and Samuels SL: "Comparison of angioplasty catheters.: Scientific Exhibit, Radiological Society of North America Meeting, Chicago, 1982.

Program Directorships

Annual International Symposium on Endovascular Therapy (ISET)

Baptist Cardiac & Vascular Institute

January 19-23, 2003

January 24-29, 2004

January 16-20, 2005

January 22-26, 2006

January 28-February 1, 2007