

Malachi G. Sheahan III, M.D.

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Education

Seven Year Accelerated BA/MD Program

- Boston University School of Medicine, Boston, MA
Doctorate in Medicine, May 1994
- Boston University, Boston, MA
Bachelor of Arts in Medical Sciences, May 1994

Post Doctoral Training

July 1994 – June 1995 St. Vincent's Hospital and Medical Center of New York, New York, NY
Surgical Internship

July 1995 – June 1997 St. Vincent's Hospital and Medical Center of New York, New York, NY
Surgical Residency PGY II-III

July 1997- June 1999 New England Medical Center/ Tufts University School of Medicine, Boston, MA
Clinical and Research Fellowship in Cardiovascular and Thoracic Surgery

July 1999 – June 2001 St. Vincent's Hospital and Medical Center of New York, New York, NY
Surgical Residency PGY IV-V

July 2001 – June 2003 Beth Israel Deaconess Medical Center, Harvard Medical School, Boston, MA
Fellowship in Vascular Surgery

Louisiana State University School of Medicine Academic Appointments

Interim Chief - Section of Vascular Surgery (11/05-8/07)

Program Director – Residency in Vascular Surgery

Assistant Professor of Surgery

Louisiana State University School of Medicine Academic Appointments (cont)

LSU General Surgery Residency – West Jefferson Site Director

West Jefferson 3rd Year Clerkship in General Surgery – Director

West Jefferson 3rd Year Clerkship in Vascular Surgery – Director

Louisiana State University School of Medicine Committee Appointments

Institutional Graduate Medical Education Committee

Graduate Medical Education Advisory Committee

Council on Resident Education

Current Professional Appointments September 2004 – Present

Staff Physician – Touro Infirmary, New Orleans, LA

Louisiana Health Sciences Center, New Orleans, LA

Kenner Regional Medical Center, Kenner, LA

Veteran's Affairs Medical Center, New Orleans, LA

West Jefferson Medical Center, Marrero, LA

Children's Hospital, New Orleans, LA

Memorial Medical Center, New Orleans, LA

Staff Attending Vascular Surgeon September 2003 – July 2004

Saint Vincent's Hospital and Medical Center of New York, New York, NY

Metropolitan Hospital, New York, NY

Saint Vincent's Midtown Hospital, New York, NY

Cabrini Medical Center, New York, NY

Certification / Licensure

Board Registered Physician - Commonwealth of Massachusetts –210533 (EXP)
New York State – 229436 (EXP)
Louisiana – MD.15751R

Diplomate of the American Board of Surgery – ID# 058577

Certified in Vascular Surgery by the American Board of Surgery – Certificate #101423

Honors and Awards

- 1998 Second Place Paper, Fifth Annual New England Surgical Society Residents and Fellows Research Symposium, Boston, MA.
- 1999 First Place Paper, Sixth Annual New England Surgical Society Residents and Fellows Research Symposium, Boston, MA.
- 1999 Invited Clinical Instructor, International Workshop in Advanced Laparoscopic Surgery, Aristotle University Department of Surgery, Thessaloniki, Greece.
- 2002 Richard M. Green Award – Best Clinical Paper, Eighteenth Annual Vascular Fellows Abstract Competition, New York, NY.
- 2002 Best Clinical Paper, Ninth Annual New England Surgical Society Residents and Fellows Research Symposium, Boston, MA.
- 2002 Darling Award – Best Clinical Paper, 29th Annual Meeting of the New England Society for Vascular Surgery, Rockport, ME.
- 2003 Best Paper, 13th Annual Winter Meeting of the Peripheral Vascular Surgery Society, Snowmass, CO.
- 2003 Best Clinical Paper, Tenth Annual New England Surgical Society Residents and Fellows Research Symposium, Boston, MA.
- 2006 Commendation for “Heroic Performance in the Treatment of Patients during the Aftermath of Hurricane Katrina”, Louisiana State University Health Sciences Center.
- 2007 Invited Plenary Lecture, LA-ACS/SAL Joint Annual Meeting. New Orleans, LA.
- 2007 Inducted as a Master Teacher in the inaugural membership of the Academy for the Advancement of Educational Scholarship, Louisiana State University Health Sciences Center.

Society Memberships

Gulf Coast Vascular Society – Member of Governing Board

Association of Program Directors in Vascular Surgery - Member

James D Rives Surgical Society – Member

New York Medical College Surgical Society – Member

Massachusetts Medical Society- Past Member

Harvard Club of Louisiana– Member

Publications (* = *abstract*)

Sheahan M, Warner K, Marx G, Payne D. Preservation of the native aortic valve in children with aortic insufficiency. *Circulation* 100:I-112, 1998.*

Takeuchi M, McCreary TP, Ogunyankin K, Vannan M, Sheahan M, Connolly R, Santanen A, Unger E, Pandian NG. A new tissue targeted ultrasound contrast agent, MRX408 improves visualization and delineation of left atrial appendage clot with conventional 2-dimensional echocardiography. *J Am Coll Cardiol* 31:400A, 1998.*

Takeuchi M, McCreary TP, Avelar E, Sheahan M, Connolly R, Santanen A, Unger E, Pandian NG. Enhanced visualization of intravascular thrombus with the use of a thrombus targeting ultrasound contrast agent (MRX408): Evidence from in vivo experimental echocardiographic studies. *J Am Coll Cardiol* 31:57A, 1998.*

Teupe C, Abadi C, Yao J, Takeuchi M, Avelar E, Sheahan M, Lanergan R, Fritsch T, Pandian NG. Acoustically stimulated emission mode (ASEM) with SHU563A, a novel ultrasound contrast agent, reliably identifies perfusion defects in a canine model of acute myocardial infarction. *Circulation* 98:I-214, 1998.*

Teupe C, Takeuchi M, Yao J, Sheahan M, Connolly R, Pandian NG. Harmonic power Doppler imaging in conjunction with contrast agent SHU563A allows recognition of viable myocardium: Experimental contrast echocardiographic studies of reperfused myocardium. *J Am Coll Cardiol* 33:414A, 1999.*

Yao J, Takeuchi M, Teupe C, Sheahan M, Connolly R, Walovitch R, Fetterman R, Church C, Udelson J, Pandian NG. AI-700, a new ultrasound contrast agent allows reliable detection of hypoperfused zones in acute ischemia and infarction not only in triggered mode but also in continuous imaging mode. *J Am Coll Cardiol* 33:466A, 1999.*

Yao J, Takeuchi M, Teupe C, Sheahan M, Connolly R, Walovitch R, Fetterman R, Church C, Pandian N. Hypoperfused myocardial mass estimated from 3-dimensional contrast echocardiography using a novel contrast agent, AI-700, aids in accurate quantitation of infarct mass. *J Am Coll Cardiol* 33:467A, 1999.*

Publications (cont.)

Yao J, Teupe C, Takeuchi M, Sheahan M, Avelar E, Pandian N. Quantitative three-dimensional contrast echocardiography can estimate myocardial mass at risk, infarct mass and efficacy of reperfusion: Experimental canine studies with a transvenous contrast agent, NC100100. *J Am Coll Cardiol* 33:473A, 1999.*

Sheahan M, Arebi S, Banerjee A, Khabbaz K, Spanos C, Connolly R, Deiss-Shrem J, Payne D, Warner K. Repeated doses of blood cardioplegia minimizes tissue acidosis and preserves ventricular function in infant lambs. *Circulation* 100:I-169, 1999.*

Banerjee A, Pinto I, Sheahan M, Yao J, Rhodes J, Warner K. Tissue velocity imaging accurately predicts changes in systolic and diastolic function in immature heart. *Circulation* 100:I-395, 1999.*

Takeuchi M, Ogunyankin K, Pandian NG, McCreery TP, Sweitzer RH, Caldwell VE, Unger EC, Avelar E, Sheahan M, Connolly R. Enhanced visualization of intravascular and left atrial appendage thrombus with the use of a thrombus-targeting ultrasonographic contrast agent (MRX-408A1): In vivo experimental echocardiographic studies. *J Am Soc Echocardiogr* 12(12):1015-21, 1999.

Yao J, Teupe C, Takeuchi M, Avelar E, Sheahan M, Connolly R, Ostensen J, Pandian NG. Quantitative 3-dimensional contrast echocardiographic determination of myocardial mass at risk and residual infarct mass after reperfusion: Experimental canine studies with intravenous contrast agent NC100100. *J Am Soc Echocardiogr* 13(6):570-81, 2000.

Pinto I, Takeuchi M, Sheahan M, Ramasamy S, Nesser J, DeCastro S, Connolly R, Pandian N. Potential of contrast ultrasound imaging in the detection of deep vein thrombosis: Experimental studies in a canine model. *J Am Coll Cardiol* 35:319-20, 2000.

Warner KG, Sheahan MG, Arebi SM, Banerjee A, Deiss-Shrem JM, Khabbaz KR. Proper timing of blood cardioplegia in infant lambs: superiority of a multiple-dose regimen. *Ann Thorac Surg* 71(3):872-6, 2001.

Sheahan M, Khabbaz K, Spanos C, Takeuchi M, Connolly R, Warner K. The Physiologic Consequences of Coronary Shunting in a minimally invasive CABG model. *Curr Thorac Surg* 7(1):118-23, 2001.

Nathanson DR, Sheahan M, Chao L, Wallack MK. Intracolonic use of vancomycin for treatment of clostridium difficile colitis in a patient with a diverted colon: report of a case. *Dis Colon Rectum* 44(12):1871-2, 2001.

Hamdan AD, Saltzberg SS, Sheahan M, Froelich J, Akbari CM, Campbell DR, LoGerfo FW, Pomposelli FB Jr. Lack of association of diabetes with increased postoperative mortality and cardiac morbidity: results of 6565 major vascular operations. *Arch Surg* 137(4):417-21, 2002.

Yao J, Takeuchi M, Teupe C, Sheahan M, Connolly R, Walovitch RC, Fetterman RC, Church CC, Udelson JE, Pandian NG. Evaluation of a new ultrasound contrast agent (AI-700) using two-dimensional and three-dimensional imaging during acute ischemia. *J Am Soc Echocardiogr* 15(7):686-94, 2002.

Publications (cont.)

Ramdev P, Rayan SS, Sheahan M, Hamdan AD, Logerfo FW, Akbari CM, Campbell DR, Pomposelli FB Jr. A decade experience with infrainguinal revascularization in a dialysis-dependent patient population. *J Vasc Surg* 36(5):969-74, 2002.

Pomposelli FB, Kansal N, Hamdan AD, Belfield A, Sheahan M, Campbell DR, Skillman JJ, Logerfo FW. A decade of experience with dorsalis pedis artery bypass: analysis of outcome in more than 1000 cases. *J Vasc Surg* 37(2):307-15, 2003.

Saltzberg S, Pomposelli F Jr, Belfield A, Sheahan M, Campbell D, Logerfo F, Hamdan A. Outcome of lower-extremity revascularization in patients younger than 40 years in a predominantly diabetic population. *J Vasc Surg* 38(5):1056-9, 2003.

McArthur C, Sheahan M, Pomposelli F Jr, Dayko A, Belfield A, Campbell D, Skillman J, LoGerfo F, Hamdan A. Infrainguinal revascularization after renal transplantation. *J Vasc Surg* 37(6):1181-5, 2003.

Aulivola B, Hamdan A, Hile C, Sheahan M, Skillman J, Campbell D, Scovell S, LoGerfo F, Pomposelli F Jr. Popliteal artery aneurysms: a comparison of outcomes in elective versus emergent repair. *J Vasc Surg* 39(6):1171-7, 2004.

Aulivola B, Hile C, Hamdan A, Sheahan M, Veraldi J, Skillman J, Campbell D, Scovell S, LoGerfo F, Pomposelli F Jr. Major lower extremity amputation: outcome of a modern series. *Arch Surg* 139(4):395-9, 2004.

Sheahan M, Hamdan A, Veraldi J, McArthur C, Skillman J, Campbell D, Scovell S, LoGerfo F, Pomposelli F Jr. Lower extremity minor amputations: Lower extremity minor amputations: the roles of diabetes mellitus and timing of revascularization. *J Vasc Surg* 42(3):476-80, 2005.

Sheahan M, Sheahan C, Batson R, Hollier L. Prevalence of Occult Diabetes Mellitus in Patients with Symptomatic Tibial Vessel Disease: Findings in a High Risk Urban Setting. *J Vasc Surg*. Accepted for publication.

Sheahan M, Hamdan A, Deutsch E, Belfield A, McArthur C, Campbell D, Skillman J, LoGerfo F, Pomposelli F Jr. A decade of infrainguinal bypass procedures: Predicting the natural course of lower extremity vascular disease. *J Vasc Surg*. In Revision.

Sheahan M, Aulivola B, Pomposelli F Jr, LoGerfo F, Skillman J, Campbell D, Scovell S, Hamdan A. Amputation-free survival after lower extremity revascularization: The adverse impact of even moderate renal dysfunction. Manuscript in preparation.

Sheahan M, Sheahan C, Batson R, Hollier L. Combined carotid and abdominal aortic aneurysm screening in Louisiana. Manuscript in preparation.

Book Chapter

Sheahan M, Hamdan A, Pomposelli F Jr.: Complications in Vascular Surgery. In Cohn SM (ed.): Complications in Surgery and Trauma. New York, Taylor & Francis, September 2006.

Selected Presentations

Sheahan M, Warner K, Marx G, Payne D. Preservation of the native aortic valve in children with aortic insufficiency. Presented at the American College of Cardiology 47th Annual Scientific Session. March 1998, Atlanta, Georgia.

Sheahan M, Arebi S, Banerjee A, Khabbaz K, Spanos C, Connolly R, Deiss-Shrem J, Payne D, Warner K. Repeated doses of blood cardioplegia minimizes tissue acidosis and preserves ventricular function in infant lambs. Presented at the American Heart Association 72nd Scientific Sessions. November 1999, Atlanta, Georgia.

Sheahan M, Khabbaz K, Spanos C, Takeuchi M, Connolly R, Warner K. The Physiologic Consequences of Coronary Shunting in a minimally invasive CABG model. Presented at the Society of Thoracic Surgeons 37th Annual Meeting - Cardiothoracic Techniques and Technologies Session. January 2001, New Orleans, LA.

Sheahan M, Pomposelli F Jr, Belfield A, Deutsch E, LoGerfo F, Campbell D, Hamdan A. The Causes and Consequences of Early Reoperation Following Infrainguinal Bypass Procedures. Presented at the 16th Annual Meeting of the Eastern Vascular Society. May 2002, Boston, MA.

Sheahan M, Hamdan A, Deutsch E, Belfield A, McArthur C, Campbell D, Skillman J, LoGerfo F, Pomposelli F Jr. A decade of infrainguinal bypass procedures: Predicting the natural course of lower extremity vascular disease. Presented at the 29th Annual Meeting of the New England Society for Vascular Surgery. October 2002, Rockport, ME.

Sheahan M, Aulivola B, Pomposelli F Jr, LoGerfo F, Skillman J, Campbell D, Scovell S, Hamdan A. Amputation-free survival after lower extremity revascularization: The adverse impact of even moderate renal dysfunction. Presented at the 13th Annual Winter Meeting of the Peripheral Vascular Surgery Society. February 2003, Snowmass, CO.

Sheahan M, Hile C, Pomposelli F Jr, LoGerfo F, McArthur C, Campbell D, Skillman J, Hamdan A. The influence of wound microbiology on outcomes after lower extremity bypass. Presented at the Society for Clinical Vascular Surgery 31st Annual Symposium. March 2003, Miami, FL.

Sheahan M, Hamdan A, Deutsch E, Belfield A, McArthur C, Campbell D, Skillman J, LoGerfo F, Pomposelli F Jr. A decade of infrainguinal bypass procedures: Predicting the natural course of lower extremity vascular disease. Presented at the 57th Annual Meeting of the Society for Vascular Surgery. June 2003, Chicago, IL.

Selected Presentations (cont.)

Sheahan M, Aulivola B, Pomposelli F Jr, LoGerfo F, Skillman J, Campbell D, Scovell S, Hamdan A. Amputation-free survival after lower extremity revascularization: The adverse impact of even moderate renal dysfunction. Presented at the 57th Annual Meeting of the Society for Vascular Surgery. June 2003, Chicago, IL.

Sheahan M, Hamdan A, Veraldi J, McArthur C, Skillman J, Campbell D, Scovell S, LoGerfo F, Pomposelli F Jr. Lower extremity minor amputations: The roles of initial amputation level and timing of revascularization. Presented at the 30th Anniversary Meeting of the New England Society for Vascular Surgery. September 2003, Newport, RI.

Sheahan M, Sheahan C, Batson R, Hollier L. Abdominal aortic aneurysm screening in Louisiana: Results below the aneurysm belt. Presented at the 2006 LA-ACS/SAL Joint Annual Meeting. January 2006, New Orleans, LA.

Sheahan M, Sheahan C, Batson R, Hollier L. Prevalence of occult diabetes mellitus in patients with symptomatic tibial vessel disease: Findings in a high risk urban setting. Presented at the Eastern Vascular Society's 20th Anniversary Annual Meeting. September 2006, Washington, DC.

Sheahan M. Repair of concomitant arterial and venous injuries of the iliac vessels. Presented at the 35th Annual Symposium of the Society for Clinical Vascular Surgery. March 2007, Orlando, FL.

Sheahan M. Current recommendations for the treatment of extracranial carotid stenosis. Presented at the 2007 LA-ACS/SAL Joint Annual Meeting. January 2007, New Orleans, LA.

Sheahan M. Update on vascular and endovascular surgery training paradigms. Presented at the American College of Surgeons 2007 Clinical Congress. October 2007, New Orleans, LA.

Clinical Trials

PREVENT III: A multicenter, randomized trial of edifoligide for the prevention of vein graft failure in lower extremity bypass surgery. Sub-investigator. 2001-2006.

Bolton Relay™ Phase II Thoracic Stent-Graft Study. Principal investigator. 2007-Current.

Carotid Revascularization Endarterectomy vs Stent Trial (CREST). Sub-investigator. 2007-Current.

Endologix Study TP00-006, Study CP04-002, Study CP03-023, and Study CP07-001. Member of Data Safety Monitoring Board. 2007-Current.