

ANDRES SCHANZER, MD
Curriculum Vitae

Office Address:

University of Massachusetts Medical School
Division of Vascular & Endovascular Surgery
55 Lake Avenue North
Worcester, MA 01655

Home Address:

Birthplace: Manhattan, New York
Date of Birth: January 2, 1974
Citizenship: USA

email: schanzea@ummhc.org
office: 508.856.5599
home:

EDUCATION

1992-1996 **Harvard College**, Cambridge, MA
1996-2000 **New York University School of Medicine**, New York, NY

POSTDOCTORAL TRAINING

Internship:

2000-2001 **UC Davis Medical Center**, Sacramento, CA
General Surgery Internship

Residency:

2001-2005 **UC Davis Medical Center**, Sacramento, CA
General Surgery Residency

Fellowships:

2005-2007 **Brigham and Women's Hospital**, Boston, MA
John Homan's Vascular Surgery Fellowship
2006-2007 **Harvard University School of Public Health**, Boston, MA
Clinical Effectiveness Program

LICENSURE AND CERTIFICATION

2001 National Board of Medical Examiners
2002 Federal Drug Enforcement Administration Registration (#BS7746374)
2002 California State License (#A77693)
2006 Massachusetts State License (#224351)
2006 Certified, American Board of Surgery (General Surgery, #51109)
2007 Registered Physician in Vascular Interpretation (#122970)
2008 Certified, American Board of Surgery (Vascular Surgery)

PROFESSIONAL MEMBERSHIPS

2007- American College of Surgeons, Fellow
2008- Society for Vascular Surgery, Member
2008- New England Society for Vascular Surgery, Member

ACADEMIC APPOINTMENTS

2007- Assistant Professor of Surgery
University of Massachusetts School of Medicine

2008- Associate Program Director, Vascular Surgery Fellowship
University of Massachusetts School of Medicine

HOSPITAL APPOINTMENTS

2007- Associate Surgeon, Division of Vascular and Endovascular Surgery, University of Massachusetts, University Hospital, Worcester, MA

2007- Associate Surgeon, Division of Vascular and Endovascular Surgery, University of Massachusetts, Memorial Hospital, Worcester, MA

HONORS

2009 Frederick J. McCready Teacher of the Year Award, University of Massachusetts Medical School
2007 Ralph A. Deterling Award for Excellence in Clinical Research on Vascular Disease, New England Society for Vascular Surgery
2005 Brian S. Darsky Resident Teaching Award, UC Davis Medical School
1996 John V. Kelleher Program Development Award, Harvard College

RESEARCH

Publications:

1. Stone, D, Nolan, B, **Schanzer A**, R, Likosky, D, Cronenwett: Protamine Reduces Bleeding Complications Associated with Carotid Endarterectomy. *Journal of Vascular Surgery*. (In Press).
2. Goodney, P, Nolan, B, **Schanzer, A**, Eldrup-Jorgensen, J, Bertges, D, Stanley, C, Stone, D, Walsh, D, Powell, R, Likosky, D, Cronenwett, J: Factors Associated with Amputation or Graft Occlusion One Year After Lower Extremity Bypass in Northern New England. *Annals of Vascular Surgery*. (In Press).
3. **Schanzer, A**, Nahmias, J, Korenda, K, Eslami, M, Arous, E, Messina, L: An Increasing Demand for Integrated Vascular Residency Training Far Outweighs the Limited Supply of Positions. *Journal of Vascular Surgery*. (In Press)
4. Goodney, P, Nolan, B, **Schanzer, A**, Eldrup-Jorgensen, J, Bertges, D, Stanley, C, Stone, D, Walsh, D, Powell, R, Likosky, D, Cronenwett, J: Factors Associated with Death One Year After Lower Extremity Bypass in Northern New England. *Journal of Vascular Surgery*. (In Press).

5. Eslami, M, Csikesz, N, **Schanzer, A**, Messina, L: Peripheral Arterial Interventions: Trends in Market Share and Outcomes by Specialty 1998-2005. *Journal of Vascular Surgery*. (In Press).
6. **Schanzer, A**, Goodney, P, YouFu, L, Eslami, M, Cronenwett, J, Messina, L, Conte, M: Validation of the PIII CLI Risk Score for the Prediction of Amputation-Free Survival in Patients Undergoing Surgical Bypass for Critical Limb Ischemia. *Journal of Vascular Surgery*. (In Press).
7. Strom, C, **Schanzer A**: Carotid Artery Stenosis. In *Clinical Consult*. Edited by Frank J. Domino, Lippencott, Williams, and Wilkins. (In Press).
8. Owens, CD, Wake, N, Min Kim, J, Hentschl, D, Rapp, JA, Conte, MS, **Schanzer, A**: Endothelial Function Predicts Positive Arterial-Venous Fistula Remodeling in Subjects with Stage IV and V Chronic Kidney Disease. *American Journal of Surgery*. (In Press).
9. **Schanzer A**, Schanzer H: Commentary on, "Midterm Outcome After the Distal Revascularization and Interval Ligation (DRIL) Procedure". *Perspectives in Vascular Surgery and Endovascular Therapy*. (In Press).
10. **Schanzer A**, Messina LM: Thoracic Outlet Syndrome: Venous. In *Vascular Surgery: Seventh Edition*. Edited by Robert B. Rutherford, Elsevier Inc. (In Press).
11. **Schanzer A**: Reply to the Editor, Statins are associated with Mortality after Infrainguinal Bypass in Patients with Critical Limb Ischemia. *J Vasc Surg*. 2009: June; 49: 1636.
12. Steppacher R, Csikesz N, Eslami M, Arous E, Messina L, **Schanzer A**: An Analysis of 4001 Carotid Artery Stenting Procedures Performed in New York and Florida (2005-2006): Procedure Indication, Stroke Rate, and Mortality Rate are Equivalent for Vascular Surgeons and Non-Vascular Surgeons. *J Vasc Surg*. 2009: June; 49: 1379-86.
13. **Schanzer A**, Steppacher R, Eslami M, Arous E, Messina L, Belkin M: Vascular Surgery Training Trends From 2001-2007: A Substantial Increase in Total Procedure Volume is Driven by Escalating Endovascular Procedure Volume and Stable Open Procedure Volume. *J Vasc Surg*. 2009: May; 49(5): 1339-44..
14. McPhee J, Eslami M, Arous E, Messina L, **Schanzer A**: Endovascular Treatment of Ruptured Abdominal Aortic Aneurysms in the United States (2001-2006): A Significant Survival Benefit Over Open Repair is Independently Associated with Increased Institutional Volume. *J Vasc Surg*. 2009: April; 49(4): 817-26.
15. **Schanzer A**, Conte, MS: The Association of Statins with Mortality after Infrainguinal Bypass in Patients with Critical Limb Ischemia. *J Vasc Surg*. 2008: December; 48(6): 1640.
16. McPhee J, **Schanzer A**, Messina LM, Eslami, M: Carotid artery stenting has increased rates of post-procedure stroke, death, and resource utilization than does carotid endarterectomy in the United States, 2005. *J Vasc Surg*. 2008: December; 48(6): 1442-50.
17. **Schanzer A**, Mega J, Meadows J, Samson RH, Bandyk DF, Conte MS: Risk Stratification in Critical Limb Ischemia: Derivation and Validation of a Simplified Model to Predict Amputation-Free Survival Using Multi-Center Surgical Outcomes Data. *J Vasc Surg*. 2008: December; 48(6): 1464-71.

18. **Schanzer A**, Ciaranello AL, Schanzer H: Brachial Artery Ligation and Total Graft Excision is a Safe and Expeditious Approach to Prosthetic Arteriovenous Graft Infections. *J Vasc Surg.* 2008; September; 48(3): 655-658.
19. Owens CD, Rybicki FJ, Wake N, **Schanzer A**, Mitsouras D, Gerhard-Herman MD, Conte MS: Early Remodeling of Lower Extremity Vein Grafts: Inflammation Influences Biomechanical Adaptation. *J Vasc Surg.* 2008; June; 47(6): 1235-42.
20. **Schanzer A**, Hevelone N, Owens CD, Beckman JA, Belkin M, Bandyk DF, Conte MS: Statins are independently associated with reduced mortality in patients undergoing infrainguinal bypass surgery for critical limb ischemia. *J Vasc Surg.* 2008; April; 47: 774-781.
21. **Schanzer A**, Hevelone N, Owens CD, Belkin M, Bandyk DF, Clowes AW, Moneta GL, Conte MS: Technical Factors Affecting Autogenous Vein Graft Failure: Observations from a Large Multi-Center Trial. *J Vasc Surg.* 2007; Dec; 46:1180-1190.
22. **Schanzer A**, Hoel A, Owens CD, Wake N, Nguyen LL, Conte MS, Belkin M: Restenosis after carotid endarterectomy performed with routine intraoperative duplex ultrasonography and arterial patch closure: a contemporary series. *Vasc Endovascular Surg.* 2007 Jun-Jul;41(3):200-5.
23. Owens CD, Ho KJ, Kim SW, Nguyen LL, **Schanzer A**, Belkin M, Conte MS: Refinement of survival prediction in patients undergoing lower extremity bypass surgery: stratification by chronic kidney disease classification. *J Vasc Surg.* 2007; May; 45(5):944-52.
24. **Schanzer A**, Owens CD, Conte MS, Belkin M: Superficial femoral artery percutaneous intervention to optimize inflow for distal origin bypass grafts: An effective strategy? *J Vasc Surg.* 2007; April; 45(4):740-3.
25. **Schanzer A**, Nguyen LL, Owens CD, Schanzer H: Use of Digital Pressure Measurements for the Diagnosis of AV Access Induced Ischemic Steal. *Vasc Medic.* 2006; Feb; 11:227-231.
26. **Schanzer A**, Ho KJ, Belkin M: Antiplatelet Medication in Patients with Vascular Disease and Following Interventions. In *Trends in Vascular Surgery*. Edited by Pearce W, Matsumura J, Yao J. Chicago, Precept Press, 2006.
27. Fitzgerald J, **Schanzer A**, Chin A, McVicar A, Perez R, Troppmann C: Comparison of forearm loop arteriovenous grafts with upper arm arteriovenous fistulae for chronic hemodialysis access. *Annals Vasc Surg.* 2005; Nov; 19(6):843-50.
28. Chin A, Chang W, Fitzgerald J, **Schanzer A**, Perez R, McVicar J, Troppmann C: Intra-access blood flow in patients with newly created upper-arm arteriovenous native fistulae for hemodialysis access. *Am J Kidney Dis.* 2004; Nov; 44(5):850-8.
29. Fitzgerald J, **Schanzer A**, Chin A, McVicar A, Perez R, Troppmann C: Outcomes of upper arm arteriovenous fistulae for chronic hemodialysis access. *Arch Surg.* 2003; Dec; 138(11).
30. Schanzer H, **Schanzer A**: Vascular Access for Dialysis. In *Haimovici's Vascular Surgery: Fifth Edition*. Edited by Ascher E. Cambridge, Blackwell Scientific Publins, 2003.
31. **Schanzer A**, Wong GB. Air Dissipation in Saline Breast Implants. *Plast Reconstr Surg.* 2002 Jun;109(7):2238-41.

32. Schanzer H, **Schanzer A**: False Aneurysm and Arteriovenous Fistula. In *Current Surgical Therapy: Seventh Edition*. Edited by Cameron JL. Baltimore, Mosby, 2001, pp 855-860.
33. Jacobowitz GR, Rockman CB, Lamparello PJ, Adelman MA, **Schanzer A**, Woo D, Landis R, Gagne PJ, Riles TS, Imparato AM. Causes of perioperative stroke after carotid endarterectomy; special considerations in symptomatic patients. *Ann Vasc Surg*. 2001;15(1):19-24.
34. **Schanzer A**, Rockman C, Jacobowitz G, Riles T. Internal jugular vein thrombosis in association with the ovarian hyperstimulation syndrome. *J Vasc Surg*. 2000;31:815-8.
35. Rockman CB, Jacobowitz GR, Lamparello PJ, Adelman MA, Woo D, **Schanzer A**, Gagne PJ, Landis R, Riles TS. Immediate reexploration for the perioperative neurologic event after carotid endarterectomy: is it worthwhile? *J Vasc Surg*. 2000;32(6):1062-70.
36. Schanzer H, **Schanzer A**. Guidewire entrapment during deployment of the "over-the-guidewire stainless steel Greenfield Filter": A device-design related complication. *J Vasc Surg*. 2000;31:607-10.
37. Quin H, Hyatt G, **Schanzer A**, Hazra R, Hackam AS, Cutting GR, Dowling JE. A comparison of GABA_C and rho subunit receptors from the white perch retina. *Visual Neuroscience*. 14(5):843-51, Sep-Oct 1997.
38. **Schanzer A**. Reflections on Richard Selzer's *Mortal Lessons: Notes on the Art of Surgery*, by an Adolescent Aspiring Surgeon. *Mount Sinai Journal of Medicine*. 58:536-540, Nov. 1991.

Presentations:

1. **Schanzer, A**, Nahmias, J, Korenda, K, Eslami, M, Arous, E, Messina, L: An Increasing Demand for Integrated Vascular Residency Training Far Outweighs the Limited Supply of Positions. Society for Vascular Surgery: June 2009.
2. **Schanzer, A**, Goodney, P, YouFu, L, Eslami, M, Cronenwett, J, Messina, L, Conte, M: Validation of the PIII CLI Risk Score for the Prediction of Amputation-Free Survival in Patients Undergoing Surgical Bypass for Critical Limb Ischemia. Society for Vascular Surgery: June 2009.
3. **Schanzer, A**. Pushing the limits on Endovascular Aortic Repair. Frontiers in Critical Care. Marlborough, MA: May 2009.
4. **Schanzer, A**, Goodney, P, YouFu, L, Eslami, M, Cronenwett, J, Messina, L, Conte, M: Validation of the PIII CLI Risk Score for the Prediction of Amputation-Free Survival in Patients Undergoing Surgical Bypass for Critical Limb Ischemia. Vascular Surgery Group of Northern New England. Manchester, NH: April 2009.
5. **Schanzer A**, Steppacher R, Csikesz N, Eslami M, Arous E, Messina L: An Analysis of 4001 Carotid Artery Stenting Procedures Performed in New York and Florida (2005-2006): Procedure Indication, Stroke Rate, and Mortality Rate are Equivalent for Vascular Surgeons and Non-Vascular Surgeons. Society for Clinical Vascular Surgery. Fort Lauderdale, FL: March 2009.
6. **Schanzer A**, Steppacher R, Eslami M, Arous E, Messina L, Belkin M: Vascular Surgery Training Trends From 2001-2007: A Substantial Increase in Total Procedure Volume is Driven by

Escalating Endovascular Procedure Volume and Stable Open Procedure Volume. New England Society for Vascular Surgery. Newport, RI: Oct 2008.

7. **Schanzer A**, Mega J, Meadows J, Samson RH, Bandyk DF, Conte MS: Risk Stratification in Critical Limb Ischemia: Derivation and Validation of a Simplified Model to Predict Amputation-Free Survival Using Multi-Center Surgical Outcomes Data. Society for Vascular Surgery. San Diego, CA: June 2008.
8. **Schanzer A**: Overcoming Challenging Iliac Access for TEVAR. Society for Vascular Surgery. San Diego, CA: June 2008.
9. **Schanzer A**, Ciaranello AL, Schanzer H: Brachial Artery Ligation and Total Graft Excision is a Safe and Expedient Approach to Prosthetic Arteriovenous Graft Infections. Society for Clinical Vascular Surgery. Las Vegas, NV: Mar 2008.
10. **Schanzer A**, Hevelone N, Owens CD, Beckman JA, Belkin M, Bandyk DF, Conte MS: Statins are independently associated with reduced mortality in patients undergoing infrainguinal bypass surgery for critical limb ischemia. New England Society for Vascular Surgery. Ledyard, CT: Sep 2007.
11. **Schanzer A**, Hevelone N, Owens CD, Belkin M, Bandyk DF, Clowes AW, Moneta GL, Conte MS: Technical Factors Affecting Autogenous Vein Graft Failure: Observations from a Large Multi-Center Trial. Society for Vascular Surgery. Baltimore, MD: June 2007.
12. **Schanzer A**, Owens CD, Belkin M: A Paradigm Shift in Vascular Surgery Training in the United States. European Vascular Congress. Marseilles, France: May 2007.
13. **Schanzer A**, Belkin M: Complications after Renal Artery Percutaneous Intervention. European Association of Vascular Surgery Trainees. Marseilles, France: May 2007.
14. **Schanzer A**: A Prospective Evaluation of Arterial Adaptation as a Predictor of Arteriovenous Fistula Success. Yale Department of Vascular Surgery Grand Rounds. New Haven, CT: Sep 2006.
15. **Schanzer A**, Hoel A, Owens CD, Wake N, Nguyen LL, Conte MS, Belkin M: Restenosis after carotid endarterectomy performed with routine intraoperative duplex ultrasonography and arterial patch closure: a contemporary series. New England Society for Vascular Surgery. Boston, MA: Sep 2006.
16. **Schanzer A**, Owens CD, Conte MS, Belkin M: Superficial femoral artery percutaneous intervention to optimize inflow for distal origin bypass grafts: An effective strategy? New England Society for Vascular Surgery. Boston, MA: Sep 2006.
17. **Schanzer A**: A Prospective Evaluation of Arterial Adaptation as a Predictor of Arteriovenous Fistula Success. Brigham and Women's Hospital Department of Vascular Surgery Grand Rounds. Boston, MA: May 2006.
18. **Schanzer A**, Nguyen LL, Owens CD, Schanzer H: Use of Digital Pressure Measurements for the Diagnosis of AV Access Induced Ischemic Steal. Society for Clinical Vascular Surgery. Las Vegas, NV: Mar 2006.

19. **Schanzer A**, Fitzgerald J, Chin A, McVicar A, Perez R, Troppmann C: Comparison of forearm loop arteriovenous grafts with upper arm arteriovenous fistulae for chronic hemodialysis access. Pacific Coast Surgical Society. Maui, Hawaii: Feb 2004.
20. Chin A, Chang W, Fitzgerald J, **Schanzer A**, Perez R, McVicar J, Troppmann C: Flow and functional comparison of 3 types of upper arm fistulae in hemodialysis patients. American Society of Nephrology. San Diego, CA: Nov 2003.
21. **Schanzer A**, Fitzgerald J, Chin A, McVicar A, Perez R, Troppmann C: Outcomes of upper arm arteriovenous fistulae for chronic hemodialysis access. Pacific Coast Surgical Society. Monterey, CA: Feb, 2003.
22. Koo JT, **Schanzer A**, Wong GB. Optimal fill volumes of saline breast implants. California Society of Plastic Surgery. Palm Springs, CA: Feb 2002.
23. Rockman C, Jacobowitz G, Lamparello P, Adelman M, Woo D., **Schanzer A**, Gagne P, Riles T. Immediate Re-Exploration for the Perioperative Neurologic Deficit Following Carotid Endarterectomy: Is it Worthwhile? Eastern Vascular Society. Baltimore, MD: May 2000.

COMMITTEE RESPONSIBILITIES:

- 2009- Perioperative Efficiency Task Force, University of Massachusetts Medical School, Worcester, MA
- 2008- Aortic Center Design and Implementation, University of Massachusetts Medical School, Worcester, MA
- 2008- University of Massachusetts Memorial Campus and University of Massachusetts University Integration Committee, University of Massachusetts Medical School, Worcester, MA
- 2007- Surgical Education Committee, University of Massachusetts Medical School, Worcester, MA
- 2007- Transfusion Committee, University of Massachusetts Medical School, Worcester, MA
- 2007- Graduate Medical Education Committee, University of Massachusetts Medical School, Worcester, MA