Eugene S. Lee, M.D., Ph.D.

Clinical Interests
Eugene S. Lee has an interest in surgical treatment of carotid, aneurysmal, dialysis access, and peripheral vascular disease. He has particular experience with aortic stent grafts as well as hemodialysis access surgery. Dr. Lee's research interests include outcomes evaluation regarding vascular surgical intervention. He has evaluated monitoring ischemic complications after aneurysm surgery and the utility of a large aortic screening program at the Northern California VA Health Care System. He conducts translational projects evaluating monocyte and matrix metalloproteinase activity in vascular remodeling for arteriovenous fistula maturation.

Title
Associate Professor

Specialty
Surgery - Vascular and Endovascular, Vascular and Endovascular Care

Department
Surgery

Division
Vascular Surgery

Center/Program Affiliation
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Vascular Center

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Education
M.D., Tufts University School of Medicine, Boston, Massachusetts, 1994
Ph.D., University of Minnesota Medical School, Minneapolis, Minnesota, 2002
B.A., Cornell University, Ithaca, New York, 1990

Internships
University of Minnesota, Minneapolis, Minnesota, 1994-95

Residency
University of Minnesota, Minneapolis, Minnesota, 1995-2002

Fellowships
Stanford University, Stanford, California, 2002-04

Board Certifications
American Board of Surgery, 2003
American Board of Surgery, General Vascular Surgery, 2006
Physician Vascular Interpreter Certificate, 2009

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Professional Memberships

American College of Surgeons, Fellow
Association of Academic Surgeons
Peripheral Vascular Surgery Society
Society for Clinical Vascular Surgery
Society for Vascular Surgery
Western Vascular Society

Select Recent Publications

Sun, C, M.H. Wu, M. Guo, M.L. Day, E.S. Lee, S.Y. Yuan. ADAM 15 regulates endothelial permeability and neutrophil migration via Src/ERK1/2 signaling. Cardiovascular Research. 2010; 87:348-355.

Lee, E.S., D.L. Dawson. The management of large bilateral internal iliac artery aneurysms using the T-stat colon oximeter. Annals of Vascular Surgery. 2010 Jan;24(1):115.e1-4. Epub 2009 Sep 17.

Lee, E.S., Q. Shen, R.L. Pitts, M. Guo, M.H. Wu, S.Y. Yuan. Vein tissue expression of matrix metalloproteinase as biomarker for hemodialysis arteriovenous fistula maturation. Vascular and Endovascular Surgery. 2010;44(8):674-679.

Lee, E.S., E Pickett, DL Dawson, N Hedayati, WE Pevec. Implementation of an aortic screening program in clinical practice: implications for the screening for abdominal aortic aneurysms very efficiently (SAAA VE) act. Journal of Vascular Surgery. 2009; 49(5):1107-1111.

Lee, E.S., E Pickett, DL Dawson, N Hedayati, WE Pevec. Implementation of an aortic screening program in clinical practice: implications for the screening for abdominal aortic aneurysms very efficiently (SAAAVE) act. Journal of Vascular Surgery. 2009; 49(5):1107-1111.

S. Elliott, E.S. Lee. Surgical Resident Research Productivity Over 16 years. Journal of Surgical Research. 2009; 153(1): 148-151.

Dawson, D.L., E.S. Lee, N. Hedayati, W.E. Pevec. Four-year experience with a regional program providing simulation-based endovascular training for vascular surgery fellows. Journal of Surgical Education. 2009 Nov-Dec;66(6):330-5.

Kumar, P., Q. Shen., e.D. Pivetti, E.S. Lee, M.H.Wu, s.v. Yuan. Molecular mechanisms of endothelial hyperpermeability: implications in inflammation. Expert Reviews in Molecular Medicine. 2009; Jun30:11:eI9.

Lee, E.S., D. DelPizzo, K. Murray, S. Harris, M.A. Kuskowski, w.e. Pevec, D.L. Dawson. Predictors of a technically limited renal artery duplex study: a retrospective analysis. Journal of Vascular Ultrasound. 2009; 33(4): 181-183.

Lee, E.S., WE Pevec, DP Link, DL Dawson. Use of T-stat to predict colonic ischemia during and after endovascular aneurysm repair: A case report. Journal of Vascular Surgery. 2008; 67:632-634.

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Lee, E.S., D.L. Dawson, W.C. Pevec. Vascular Surgery: An Update. American Family Physician 75 (1): 85 – 90, 2007

D.L. Dawson, J. Meyer, Lee, E.S., W.C. Pevec. Training With Simulation Improves Residents' Endovascular Procedure Skills: Journal of Vascular Surgery, 45:149 - 154, 2007

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