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Joshua Aaron Eisenberg

Work Address:

Capital Health Advanced Surgical Associates of NJ Two Capital Way, Suite 356 Pennington, NJ 08534

Education:

1993-1995 BS Pennsylvania State University (Science) 1995-1999 MD Jefferson Medical College

Postgraduate Training and Fellowship Appointments:

1999-2000 Intern in Surgery, Thomas Jefferson University Hospital, Philadelphia 2000-2005 Resident in Surgery, Thomas Jefferson University Hospital, Philadelphia 2005-2006 Fellowship, Vascular Surgery, Pennsylvania Hospital, Philadelphia

Faculty Appointments:

2006-2009 Attending Physician, High Point Regional Hospital, High Point, NC 2009 Assistant Professor, Vascular and Endovascular Surgery, Thomas Jefferson University Hospital

2010 Staff Physician Veterans Hospital, Wilmington, DE 2012 Staff Physician Capital Health Hospitals

Hospital and Administrative Appointments:

2008-2009 Director of Noninvasive Vascular Laboratory, High Point Regional Hospital 2009-2011 Director of Wound Care Center, Thomas Jefferson University Hospital 2009 Education Committee – Department of Surgery, Thomas Jefferson University 2010 Director, Division of Vascular Surgery Methodist Hospital, Philadelphia PA 2011 Radiation Safety Officer for Division of Vascular Surgery 2012 Director, Heart and Vascular Institute at Capital Health

Specialty Certification:

2006 American Board of Surgery
2007 American Board of Surgery Certificate in Vascular Surgery

Licensure:

Pennsylvania North Carolina New Jersey

Awards, Honors and Membership in Honorary Societies:

1995 Phi Beta Kappa Honorary Fraternity

1998 Alpha Omega Alpha Medical Honor Society

2005 Student Teaching Award

2005 Goracci Teaching Award

2012 Jefferson Faculty Teaching Award

Memberships in Professional and Scientific Societies:

American College of Surgeons (Fellow 2005-present)

Society for Vascular Surgery (Member 2006-present)

Society for Clinical Vascular Surgery (Member 2007-present)

North Carolina Medical Society (Member 2007-2010)

High Point Medical Society (Member (2007-2010)

Philadelphia College of Surgeons (2010-present)

Association for Academic Surgery (2009-Present)

Delaware Valley Vascular Society (2009-present)

Peripheral Vascular Society (2010-present)

Eastern Vascular Society (2010-present)

Vascular Society of New Jersey (2012-Present)

Lectures by Invitation:

January 31, 2009 "Update on Vascular Surgery in 2009" - North Carolina Foot and Ankle Society

November 2010 "Complex Problems in Vascular Surgery" – Methodist Hospital Grand Rounds, Philadelphia, PA.

November 2011 "Vascular Surgery – Now in South Philly" – Methodist Hospital Grand Rounds

January 2011 – "Aneurysm Diagnosis and Treatment" – Jefferson Alumni Conference, Denver, CO.

Publications, peer reviewed:

Calligaro KD, Balraj P, Moudgill N, Rao A, Dougherty MJ, Eisenberg J. Results of polytetrafluoroethylene-covered nitinol stents crossing the inguinal ligament. J Vasc Surg 2012.

Moudgill N, Relles D, Rosato F, Rao A, DiMuzio P, Eisenberg J. Robotic-Assisted Median Arcuate Ligament Release. J Vasc Surg 2012 56(2) 500-3.

Pineda D, Moudgill N, Eisenberg J, Dimuzio P, Rao A.m An Interesting Anatomic Variant of IVC Duplication: Case Report and Review of the literature. Vascular. In Press Holoyda K, Moudgill N, Chognacki K, Eisenberg J. Image of the Month Case Quiz> Giant Pheochromocytoma. Arch of Surg. In Press.

Policha A, Moudgill N, Eisenberg J, Rao A, Dimuzio P. Coral Reef Aorta: Case Report and Review of the Literature. Vascular. In Press

Yamane K, Bogar LJ, Dimuzio PJ, Cowan SW, Hirose H, Evans NR 3rd, Rao AS, Eisenberg JA, Cavarocchi NC. Contained Rupture of a Pseudoaneurysm of the Descending Thoracic Aorta Related to Remnant Outflow Graft of Left Ventricular Assist Device after Heart Transplantation. Ann of Thoracic Surgery 2012, 94(4)1345-8.

Assifi MM, Bagameri G, Dimuzio PJ, Eisenberg JA. Management of Infected caval filter with simultaneous aortic pseudoaneurysm and retroperitoneal perforation: a case report and literature review. Vascular 2012 20(4) 225-8.

Hall H, Moudgill N, Kahn M, <u>Eisenberg J</u>, Rao A, DiMuzio P. An unusual presentation of venous TOS. Ann Vasc Surg 2011. In Press

<u>Eisenberg JA</u>, Calligaro KD, Kolakowski S, Doerr KJ, Bennett S, Murtha K, Dougherty MJ. Is balloon angioplasty of peri-anastomotic stenoses of failing peripheral arterial bypasses worthwhile? Vasc and Endovasc Surg 2009:43:346-51.

<u>Eisenberg JA</u>, Dimuzio PJ, Carabasi RA, Larson R, Lombardi JV. Endovascular Repair of Symptomatic External Carotid Artery Stenosis. J Vasc Surg 2005;42:1210-2.

Pastuszko P, <u>Eisenberg JA</u>, Diehl JT. Ductus Arteriosus Aneurysm in an Adult Patient Presenting with Hoarseness. J Card Surg 2005; 20:386-388.

Schaner P, Rosato FE Jr, Tarola NA, <u>Eisenberg J</u>, Abdul-Misih S, Tamburrino J, Popowich DA, Torina PJ, DiMuzio P. Acellular scaffolding for vascular tissue engineering in a canine model. J Surg Res 2003:114:297

Armenti, V.T., Gertner, G.S., <u>Eisenberg, J.A.</u>, McGrory, C.H., Moritz, M.J. The National Transplantation Pregnancy Registry (NTPR): Outcomes Of Pregnancies In Lung

Recipients. Presented at the International Congress on Immunosuppression, Orlando, FL, December 1997, <u>Transplant Proc</u>, 30(4):1528-1530, 1998 June.

Stanley, C., Gottlieb, R., Zager R., <u>Eisenberg, J.A</u>., Richmond, R., Moritz, M.J., Armenti, V.T., Developmental Well Being in Offspring of Women Receiving Cyclosporine Post-Renal Transplant. <u>Transplant Proceedings</u>, 31(1-2):241-2, 1999 Feb-March.

Abstracts/Presentations:

Chang L, Whisenhunt A, Policha A, Lamb K, Moudgill N, Rao A, Abai B, DiMuzio P, Eisenberg J. (2012, October). Bilateral extracranial carotid artery aneurysms. Oral Presentation presented at: Delaware Valley Vascular Society Annual Dinner Meeting; Atlantic City, NJ.

Lamb KL, Moudgill N, DiMuzio PJ, McCullough M, Karbowski P, Rao A, Hirose H, Cavarocchi NC, Eisenberg J. Fate of the lower extremity in patients after VA-ECMO via femoral cannulation. Poster session presented at the 50th Annual Meeting of the Eastern Cardiothoracic Surgical Society, October 4-6, 2012; Naples, FL.

Policha A, Moudgill N, Chang L, Whisenhunt, A, Pierce S, Eraso L, DiMuzio P, Rao A, Eisenberg J. Midterm results of limb salvage and stent patency with popliteal artery stenting across the knee joint. Eastern Vascular Society Annual Meeting (Pittsburgh, PA), September 2012.

Policha A, Zhang P, Shue B, Smolock A, Chang L, Jimbo M, Tulenko T, Moudgill N, Whisenhunt A, Rao A, Eisenberg J, DiMuzio P. Adipose-derived stem cells from diabetic patients as endothelial cell substitutes in vascular tissue engineering. Annual Society for Vascular Surgery Meeting(National Harbor, MD), June 2012 (poster).

Policha A, Zhang P, Shue B, Smolock A, Jimbo M, Tulenko T, Moudgill N, Whisenhunt A, Rao A, Eisenberg J, DiMuzio P. Adipose-derived stem cells from diabetic patients undergo endothelial differentiation for use in the creation of a tissue-engineered vascular graft. SVS Vascular Research Initiatives Conference and ATVBScientific Sessions (Chicago, IL), April 2012.

Policha A, Zhang P, Shue B, Smolock A, Jimbo M, Tulenko T, Moudgill N, Whisenhunt A, Rao A, Eisenberg J, DiMuzio P. Isolation and endothelial differentiation of adiposederived stem cells from diabetic patients. Philadelphia Academy of Surgery Resident Research Competition (Philadelphia, PA), February 2012.

Moudgill N, Tholey R, Whisenhunt A, Eisenberg J, Rao A, DiMuzio P. PEVAR: A review of our initial 50 cases using the Prostar XLTM pre-closure device. Oral presentation. Delaware Valley Vascular Society Annual Meeting 2012

Moudgill N, Whisenhunt A, Dimuzio P, Rao A, Eisenberg J. Endovascular Management of Type II Endoleaks after Debranching and TEVAR for TAA. Oral presentation. SCVS 2012

Moudgill N, Shue B, Dimuzio P, Galanis T, Rao A, Eisenberg J. Safety of IVC Filter Retrieval without Interruption of Anticoagulation. E-Poster. SCVS 2012

The role of hypoxia in improving stem cell-mediated therapeutic angiogenesis. Baker J, Zhang P, Fernandez S, Aynardi J, Rao A, Eisenberg J, Tulenko T, DiMuzio P. Delaware Valley Vascular Society (Philadelphia), April 2011

Policha A, Moudgill N, Eisenberg J, Rao A, DiMuzio P. An unusual cause for claudication. Delaware Valley Vascular Society Meeting(Atlantic City, NJ), October 2011.

Robotic-assisted treatment of median arcuate ligament syndrome. Moudgill N, Relles D, Rosato F, Rao A, DiMuzio P, Eisenberg J. Delaware Valley Vascular Society (Philadelphia), April 2011

Unusual cause of venous hypertension following arteriovenous fistula placement. Chang-Hall H, Moudgill N, Kahn M, Burkhart R, Eisenberg J, Rao A, DiMuzio P. Delaware Valley Vascular Society (Philadelphia), April 2011

An Interesting Variant of IVC Duplication: Case report and review of the literature Daniel Pineda MD, Neil Moudgill MD, Joshua Eisenberg MD, Paul DiMuzio MD, Atul Rao MD

Endovascular Management of Ascending Aortic Aneurysm. Neil Moudgill MD, Joshua Eisenberg MD, Daniel Pineda MD, Jared Meshekow MPH, Paul DiMuzio MD, Atul Rao MD

Is Cervical Block Anesthesia Associated with Fewer Systemic Complications than General Anesthesia During Carotid Endarterectomy? An Analysis of 830 Carotid Endarterectomies Performed at a Single Institution. Eisenberg JA, Calligaro KD, Kolalowski S, Dougherty MJ. Presented at the Delaware Valley Vascular Symposium, Philadelphia, PA 2005.

Neoadjuvant Chemoradiotherapy with 5-Fluorouracil, Carboplatinum and Paclitaxel Dramatically Improves Survival in Patients with Clinical Stage II and II Carcinoma of the Distal Esophagus and GE Junction Compared to Surgery Alone. Saluvoy, S, Rosatoe, FE, Cowan, S, Eisenberg, JA, Berger, AC, Kairys, JC, Anne, RP, Mitchell, E, Rose, L, Curran, W, Cohn, Hem Rosato, EL. Presented at the Gastrointestinal Cancers Symposium, Hollywood, FI, January 2005.

Developmental Expression of Calcineurin in the Mouse Brain. L.M. Eisenman, <u>J.A. Eisenberg</u>, G. Weisbach, M.J. Moritz, V.T. Armenti, Presented at The Society for Neuroscience, Los Angeles, CA, November 1998.

National Transplantation Pregnancy Registry (NTPR): Use Of Muronab-CD3 (OKT3) During Pregnancy In Female Transplant Recipients. <u>Eisenberg, J.A.</u>, Armenti, V.T., McGrory, C.H., Gaughan, W.J., Radomski, J.S., Moritz, M.J. Presented at the 16th Annual Meeting ASTP, Chicago, IL, May 1997.

National Transplantation Pregnancy Registry: Outcomes of Pregnancies In Female Recipients and Pregnancies Fathered by Male Recipients on the Three New Maintenance Immunosuppressives. Armenti, V.T., <u>Eisenberg, J.A.</u>, McGrory, C.H., Gaughan, W.J., Radomski, J.S., Moritz, M.J. Presented at the 16th Annual Meeting ASTP, Chicago, IL, May 1997.

The Effect of Transplant to Conception Interval on Outcomes of Pregnancies in Female Liver Transplant Recipients. Radomski, J.S., Armenti, V.T., Cater, J.R., <u>Eisenberg, J.A.</u>, Jarrell, B.E., Moritz, M.J. Presented at the 23rd Annual Scientific Meeting ASTS, Chicago, IL, May 1997.

Calcineurin Expression in the Mouse Brain: A Developmental Study. <u>Eisenberg, J.A.</u>, Eisenman, L.M., Armenti, V.T. Presented at Sigma Xi Student Research Day, Philadelphia, PA, March 1997.