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Name: **Nathan J Aranson, MD RPVI FACS**

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Date of Birth: June 14, 1979

Place of Birth: Portland, ME

Marital Status: Single

Employment

<u>Year</u>	<u>Position</u>	<u>Specialty/Discipline</u>	<u>Institution</u>
2018 – Present	Staff Surgeon	Vascular Surgery	Maine Medical Center
2015 - 2018	Staff Surgeon	Vascular Surgery	Virginia Mason Medical Center Seattle, WA

Education

<u>Year</u>	<u>Degree</u>	<u>Field of Study</u>	<u>Institution</u>
2001	B.A.	Major: Chemistry Minor: Mathematics <i>Cum Laude</i>	Tufts University
2006	M.D.	Doctor of Medicine	University of Massachusetts Medical School

Postdoctoral Training

<u>Year</u>	<u>Position</u>	<u>Specialty/Discipline</u>	<u>Institution</u>
2006-2007	Intern	General Surgery	LAC + USC Los Angeles, CA
2007-2009	Resident	General Surgery	LAC + USC Los Angeles, CA
2009-2011	Research Fellow	Vascular Surgery Research Fellowship	Harvard Longwood Boston, MA
2011-2012	Resident	General Surgery	LAC + USC Los Angeles, CA

2012-2013	Chief Resident	General Surgery	LAC + USC Los Angeles, CA
2013-2015	Clinical Fellow	Vascular and Endovascular Surgery	Massachusetts General Hospital Boston, MA

Licensure / Board Certification

Board Certified General Surgeon # 058582	<i>Expires: 12/31/24</i>
Board Certified Vascular Surgeon #102773	<i>Expires: 12/31/26</i>
Maine Medical License #MD22043	<i>Expires: 06/30/19</i>
Washington Medical License # 60561274	<i>Expires: 06/14/20</i>
California Medical License # A104159	<i>Expired: 06/31/14</i>
Massachusetts Medical License # 240436	<i>Expired: 06/14/16</i>
National Provider Identification # 1497915847	
Drug Enforcement Administration # FA3923186	<i>Expires: 06/30/19</i>
Massachusetts Controlled Substance Registration # MA0767078A	
Basic Life Support #1373880659132	<i>Expires: 04/2019</i>
Advanced Cardiac Life Support #1373880659131	<i>Expires: 04/2019</i>
Advanced Trauma Life Support	
KCI VAC Certified	
Integra Skin Substitute Certified	

Academic Appointments

<u>Year</u>	<u>Position</u>	<u>Institution</u>
2007-2013	Volunteer Faculty in Surgery	Keck School of Medicine at USC
2015-2018	Clinical Instructor in Surgery	University of Washington
2018-Present	Clinical Instructor in Surgery	Tufts University School of Medicine

Committee Service

Local

<u>Year</u>	<u>Position</u>	<u>Institution</u>
2018-Present	Medical Director Vascular Laboratory	Maine Health
2016-2018	Vascular Access Committee Chair	VMMC Seattle, WA
2007-2013	Operating Room Committee General Surgery Representative	L.A. County Hospital Los Angeles, CA
2006-2012	Graduate Medical Education Committee General Surgery Representative	L.A. County Hospital Los Angeles, CA
2007-2009	Committee of Interns and Residents CIR-SEIU	L.A. County Hospital Los Angeles, CA

Professional Societies

2015	Vascular and Endovascular Surgical Society
2015	Society of Vascular Surgeons
2006	American College of Surgeons - Fellow

Awards and Honors

2006	UMass Medical School Senior Scholars Research Award
2006	UMass Medical School Surgical Research Award
2006	Society for Vascular Surgery Medical Student Scholarship Recipient
2007	USC General Surgery Intern of the Year
2007	USC Intern Surgical Educator of the Year
2008	USC Junior Surgical Resident Educator of the Year
2008	ACS Residents as Teachers and Leaders Course Scholarship Recipient
2009	USC Junior Surgical Resident Educator of the Year
2009	USC Keck School of Medicine Resident Educator of the Year
2009	Society of Clinical Vascular Surgery Scholarship Recipient
2011	Society for Vascular Surgery Resident Scholarship Recipient
2011	ACS Resident Award for Exemplary Teaching, Finalist
2013	USC Chief Surgery Resident of the Year
2013	USC Surgical Resident of the Year

Invited Lectures / Presentations

2018	American Institute of Ultrasound in Medicine <i>A Surgeon's Approach to the Non-Maturing Fistula</i> Moderator: Vascular Access Panel
2017	American Institute of Ultrasound in Medicine <i>Dialysis Access Complications and Surgical Revisions</i> <i>Surgical Management of Complications after EVAR</i> <i>Opening a Vascular Laboratory: Communication and Relationships</i>
2017	Edmonds Family Medicine Grand Rounds <i>Updates in the Surgical and Medical Advances of Vascular Disease</i>
2016	Cook Sponsored Fellow Luminaries: Veith Meeting Moderator and Judge
2016	Providence Alaska Medical Center Grand Rounds <i>Contemporary Practices in the Management of Carotid Disease</i>
2016	Native American Hospital Grand Rounds <i>Contemporary Practices in the Management of Carotid Disease</i>
2016	Virginia Mason Surgical Association <i>Evolution and Innovation in Vascular Surgery</i>
2016	Edmonds Family Medicine Grand Rounds <i>Contemporary Practices in the Management of Carotid Disease</i>
2016	Virginia Mason Grand Rounds <i>Put Down the Knife: Updates in Vascular Surgery and Treatment of Vascular Disease</i>

2014	MGH Institute for Heart, Vascular, and Stroke Care: <i>Aortic Angiosarcoma</i> <i>Coral Reef Aortic Atherosclerosis</i>	Thoracic Aortic Center Rounds
2014	MGH Institute for Heart, Vascular, and Stroke Care: <i>Venous Bypasses</i>	Venous Forum
2012	USC Department of Surgery Grand Rounds <i>“Obama-care”: Friend or Foe? Surgical Practice in the Era of Healthcare Reform</i>	

Report of Scholarship

Peer Reviewed Publications

1. Claytor RB, **Aranson NJ**, Ignatz RA, Lalikos JF, Dunn RM. *Remote ischemic preconditioning modulates p38 MAP kinase in rat adipocutaneous flaps*. J. Reconstr Microsurg. 2007; 23(2): 93-98.
2. Benfield RJ, **Aranson NJ**, Talving P, Demetriades D. *Spinal Canal Bullet Embolus Causing Paraplegia: A Case Report*. Journal of Injury. 2009; 40: 117-119.
3. Patel VI, Mukhopadhyay S, Ergul E, **Aranson NJ**, Conrad MF, Kwolek CJ, Cambria RP. *Surgery for Descending Thoracic Aneurysms: Impact of Hospital Type on Operative Techniques and Outcomes in the US Medicare Population*. J Vasc Surg. 2011; 53 (6): 93S-94S.
4. **Aranson NJ**, Ergul E, Patel VI, LaMuraglia GM, Kwolek CJ, Cambria RP, Conrad MF. *Timing of TEVAR Does Not Influence Mortality After Hybrid Repair of Thoracoabdominal Aneurysms*. J Vasc Surg, 2011; 53 (6): 12S.
5. **Aranson NJ**, Patel VI, Ergul E, LaMuraglia GM, Kwolek CJ, Cambria RP, Conrad MF. *Chronic Kidney Disease Class Predicts Mortality after Abdominal Aortic Aneurysm Repair in Propensity-Matched Cohorts from the Medicare Population*. J Vasc Surg. 2011; 54 (3): 916.
6. Patel VI, Lancaster RT, Mukhopadhyay S, **Aranson NJ**, Conrad MF, Cambria RP. *Impact of Chronic Kidney Disease on Outcomes After Abdominal Aortic Aneurysm Repair*. J Vasc Surg. 2011; 54 (4): 1225-1226.
7. Patel VI, Lancaster RT, Mukhopadhyay S, **Aranson NJ**, Conrad MF, LaMuraglia GM, Kwolek CJ, Cambria RP. *Impact of Chronic Kidney Disease on Outcomes After Abdominal Aortic Aneurysm Repair*. J Vasc Surg. 2012; 56 (5): 1206-1213.
8. Gopal A, **Aranson N**, Woo K, Clavijo L, Shavelle, D. *Recalcitrant peroneal artery pseudoaneurysm in a patient with Hemophilia B*. Cardiovascular Revascularization Medicine. 2013; 14(6): 359-62.
9. Patel VI, Mukhopadhyay S, Ergul E, **Aranson NJ**, Conrad MF, LaMuraglia GM, Kwolek CJ, Cambria RP. *Impact of hospital volume and type on outcomes of open and*

- endovascular repair of descending thoracic aneurysms in the United States Medicare population.* J Vasc Surg. 2013; 58 (2): 346-354.
10. Durham CA, Wang L, Ergul EA, **Aranson NJ**, Patel VI, Cambria RP, Conrad MF. *Natural History of Medically-Managed Acute Type B Aortic Dissections.* J Vasc Surg. 2014; 59(6): 24S.
 11. Durham CA, **Aranson NJ**, Ergul EA, Wang LJ, Patel VI, Cambria RP, Conrad MF. *Aneurysmal Degeneration of Medically-Managed Acute Type B Aortic Dissections.* J Vasc Surg. 2014; 60 (3): 815.
 12. **Aranson NJ**, Watkins MT. *Percutaneous Interventions in Aortic Disease.* Circulation. 2015 Apr 7; 131 (14): 1291-9.
 13. Durham CA, Wang L, Ergul EA, **Aranson NJ**, Patel VI, Cambria RP, Conrad MF. *The Natural History of Medically Managed Acute Type B Aortic Dissection.* J Vasc Surg. 2015 May; 61(5): 1192-1199.
 14. Durham CA, **Aranson NJ**, Ergul EA, Wang LJ, Patel VI, Cambria RP, Conrad MF. *Aneurysmal Degeneration of the Thoracoabdominal Aorta After Medical Management of Type B Aortic Dissections.* J Vasc Surg. 2015 Oct; 62(4):900-906.
 15. **Aranson NJ**, Lancaster RT, Ergul EA, Conrad MF, LaMuraglia GM, Kwolek CJ, Cambria RP, Patel VI. *Chronic Kidney Disease Class Predicts Mortality after Abdominal Aortic Aneurysm Repair in Propensity-Matched Cohorts from the Medicare Population.* Ann Surg. 2016 Aug; 264 (2): 386-91.
 16. Twerdahl EH, Kwolek CJ, **Aranson NJ**, Yeo AL, Lancaster RT, Ergul E, Conrad MF, Patel VI. *Clinical Outcomes of a Staged and Individualized Approach to the Endovascular and Surgical Management of Paget-Schroetter Syndrome.* J Vasc Surg. Submitted.
 17. **Aranson NJ**, Durham CA, Mohebbi J, Lancaster RT, Ergul EA, Conrad MF, Clouse WD, Patel VI. *Presentation, Surgical Intervention, and Long Term Survival in Patients with Marfan Syndrome.* J Vasc Surg. Submitted.
 18. Jaff MR, Macdonald S, Cambria RP, **Aranson NJ**, Kokkosis AA, Aronow HD, Guzman ED. *Optimal Pharmacologic Strategy for TCAR, An Expert Panel Discussion.* Endovascular Today. 2018 Aug; Supplement.

Presentations / Abstracts

1. **Aranson NJ**, Whalen GF. Examining the role of palliative procedures in patients with Stage IV GI cancers. University of Massachusetts Medical School Senior Scholars Program. Worcester, MA. June 2006.
2. **Aranson NJ**, Whalen GF. Palliative procedures in patients with Stage IV GI tract cancer. 87th New England Surgical Society Meeting. Boston, MA. September 15, 2006.

3. **Aranson NJ**, Drum CL, Langer RS. The Use of a Photo-Switchable Compound as an Artificial Chaperone in the Post-Translational Modification of Medically Useful Proteins. Harvard Longwood Vascular Research Fellowship Salzman Lecture. Boston, MA. January 5, 2010.
4. McKenna M, **Aranson NJ**, Langer RS, Drum CL. The Use of a Nano-Scaled Protein Shell in the Detection of Deep Vein Thrombosis. Harvard Longwood Vascular Research Fellowship Visiting Professor Lecture. Boston, MA. June 15, 2010.
5. **Aranson NJ**, Drum CL, Langer RS; The Use of Phage Display in Developing Novel Drug Delivery Systems. Harvard Longwood Vascular Research Fellowship Salzman Lecture. Boston, MA. January 04, 2011.
6. **Aranson NJ**, Ergul E, Patel VI, LaMuraglia GM, Kwolek CJ, Cambria RP, Conrad MF. Timing of TEVAR Does Not Influence Mortality after Hybrid Repair of Thoracoabdominal Aneurysms. Society for Clinical Vascular Surgery. Orlando, FL. March 15-18, 2011.
7. Lancaster RT, Patel VI, Mukhopadhyay S, **Aranson NJ**, Conrad MF, Cambria RP. Impact of Chronic Kidney Disease on Outcomes Following Abdominal Aortic Aneurysm Repair. MGH Scientific Advisory Committee Annual Meeting. Boston, MA. April 13, 2011.
8. Patel VI, Mukhopadhyay S, Ergul E, **Aranson NJ**, Conrad MF, Kwolek CJ, Cambria RP. Surgery for Descending Thoracic Aorta Aneurysms: Impact of Hospital Type on Operative Techniques and Outcomes in the U.S. Medicare Population. MGH Scientific Advisory Committee Annual Meeting. Boston, MA. April 13, 2011.
9. **Aranson NJ**, Ergul E, Patel VI, LaMuraglia GM, Kwolek CJ, Cambria RP, Conrad MF. Timing of TEVAR Does Not Influence Mortality after Hybrid Repair of Thoracoabdominal Aneurysms. MGH Scientific Advisory Committee Annual Meeting. Boston, MA April, 13, 2011.
10. **Aranson NJ**, Ergul E, Patel VI, LaMuraglia GM, Kwolek CJ, Cambria RP, Conrad MF. Timing of TEVAR Does Not Influence Mortality after Hybrid Repair of Thoracoabdominal Aneurysms. Harvard Longwood Vascular Research Fellowship Visiting Professor Lecture. Boston, MA. June 2, 2011.
11. Patel VI, Mukhopadhyay S, **Aranson NJ**, Ergul E, Lancaster RT, Cambria RP, Conrad MF. Clinical Outcomes of Aortic Reconstruction for Vasculitis in the U.S. Medicare Population 2004-2007. Society for Vascular Medicine Annual Meeting. Boston, MA. June 3, 2011.
12. **Aranson NJ**, Ergul E, Patel VI, LaMuraglia GM, Kwolek CJ, Cambria RP, Conrad MF. Timing of TEVAR Does Not Influence Mortality after Hybrid Repair of Thoracoabdominal Aneurysms. Peripheral Vascular Surgery Society Spring Meeting. Chicago, IL. June 15, 2011.
13. Patel VI, Lancaster RT, Mukhopadhyay S, **Aranson NJ**, Conrad MF, Cambria RP. Impact of Chronic Kidney Disease on Outcomes Following Abdominal Aortic Aneurysm Repair. 38th Annual New England Society for Vascular Surgery Meeting. Providence, RI. September 16-18.

14. **Aranson NJ**, Patel VI, Ergul E, LaMuraglia GM, Kwolek CJ, Cambria RP, Conrad MF. CKD Class Predicts Mortality after Abdominal Aortic Aneurysm Repair in Propensity Matched Cohorts from the Medicare Population. 25th Annual Eastern Vascular Society Meeting. Washington, D.C. September 22-24, 2011.
15. **Aranson NJ**, Ergul E, Patel VI, LaMuraglia GM, Kwolek CJ, Cambria RP, Conrad MF. Timing of TEVAR Does Not Influence Mortality after Hybrid Repair of Thoracoabdominal Aneurysms. 97th Annual American College of Surgeons Clinical Congress. San Francisco, CA. October 23-27, 2011.
16. Durham CA, Wang LJ, Ergul EA, **Aranson NJ**, Patel VI, Cambria RP, Conrad MF. Natural History of Medically-Managed Acute Type B Aortic Dissections. 2014 Vascular Annual Meeting. Boston, MA. June 5-7, 2014.
17. Durham CA, **Aranson NJ**, Ergul EA, Wang LJ, Patel VI, Cambria RP, Conrad MF. Aneurysmal Degeneration of Medically-Managed Acute Type B Aortic Dissections. 2014 Joint Annual Meeting EVS/NESVS. Boston, MA. September 11-14, 2014.
18. **Aranson NJ**, Brewster DC. Acute Limb Ischemia: A Rare Embolic Source. Veith Meeting Fellow Luminaries Competition. New York, NY. November 21, 2014.
19. **Aranson NJ**, Lancaster RT, Ergul EA, Shermerhorn ML, Bertges DJ, Conrad MF, Cambria RP, Patel VI. *Comparative Analysis of Open and Endovascular Abdominal Aortic Aneurysm Repair by Chronic Kidney Disease Severity*. 2015 Society of Clinical Vascular Surgery. Miami, FL. April 2, 2015.
20. **Aranson NJ**, Patel VI, Durham CA, Conrad MF, Lancaster RT, MacGillivray TE, Isselbacher E, Cambria RP. Presentation, *Surgical Intervention and Long Term Survival in Patients with Marfan Syndrome*. 2015 New England Society for Vascular Surgery. Newport, RI. October 2, 2015.