

## **Venkat R Kalapatapu, M.D., FRCS (Edin), FACS, RPVI**

**Current position:** Associate Professor of Clinical Surgery  
Division of Vascular Surgery  
University of Pennsylvania School of Medicine  
Chief of Vascular Surgery  
Philadelphia VA Medical Center

**Address:** Department of Surgery  
Division of Vascular Surgery  
51 North 39th Street  
266 Wright-Saunders Bldg.  
Philadelphia, PA 19104 USA

**Citizenship:** United States

### **Education:**

1994	MBBS	Kakatiya Medical College, Warangal, AP, India (Medicine)
1998	MS	Post Graduate Institute of Medical Education and Research, Chandigarh, India (Mastery of Surgery)
2004	FACS	Easton hospital (General Surgery)
2006	FACS	University of Arkansas (Vascular Surgery)

### **Postgraduate Training and Fellowship Appointments:**

1999-2000	Internship in Surgery, Providence Hospital, Southfield, MI
2000-2004	Residency in Surgery, Easton Hospital / Drexel University, Easton, PA
2003	Fellowship of the Royal College of Surgeons, Edinburgh, United Kingdom
2004-2006	Fellowship in Vascular Surgery, University of Arkansas for Medical Sciences, Little Rock, AR

### **Faculty Appointments:**

2006-2010	Assistant Professor of Surgery, University of Arkansas for Medical Sciences, Little Rock, AR
2010-2015	Assistant Professor of Clinical Surgery, University of

2012-present	Pennsylvania School of Medicine Chief, Vascular Surgery, Philadelphia VA Medical Center
2015-present	Associate Professor of Clinical Surgery, University of Pennsylvania School of Medicine

**Hospital and/or Administrative Appointments:**

2006-present	Staff Surgeon, UAMS Medical Center, Little Rock, AR
2010-present	Active Surgeon, Penn Presbyterian Medical Center, Philadelphia, PA
2010-present	Attending Vascular Surgeon, Hospital of the University of Pennsylvania, Philadelphia, PA
2010-present	Attending Vascular Surgeon, Philadelphia VA Medical Center
2012-present	Chief of Vascular Surgery, Veterans Affairs Medical Center, Philadelphia, PA

**Specialty Certification:**

1998	Indian Board of Surgery
2003	Royal College of Surgeons of Edinburgh, United Kingdom (FRCS)
2005, 2015	American Board of Surgery (General Surgery)
2007, 2027	American Board of Surgery (Vascular Surgery)
2014	Registered Physician Vascular Interpretation

**Licensure:**

2003 - present	Pennsylvania
2006-2011	Arkansas
2011 - present	New Jersey

**Awards, Honors and Membership in Honorary Societies:**

1988	Distinction Performance in Biochemistry, Kakatiya Medical College
1989	Gold Medal in Physiology, Kakatiya Medical College
1992	Top 5% of Class at end of Medical School, Kakatiya Medical College
2002	Best Grand Round Presentation Award, Drexel University School of Medicine
2002	Surgical Resident Best Teaching Award, Drexel

2003	University School of Medicine Surgical Resident Best Teaching Award, Drexel University School of Medicine
2004	Program Director's Award for outstanding chief resident, Drexel University School of Medicine
2004	Surgical Resident Best Teaching Award, Drexel University School of Medicine
2004	Updegrave Research Award, Drexel University School of Medicine
2004	Lee S. Serfass Award for Outstanding Grand Rounds Presentation, Drexel University School of Medicine
2004	Golden Stethoscope Teaching Award, Drexel University School of Medicine
2006	Founder's Basic Science Research Award for Vascular Surgery, Southern Association
2015	The William Y. Inouye Faculty Teaching Award by Surgery Residents

**Memberships in Professional and Scientific Societies and Other Professional Activities:**

International:  
2003- Present                      Royal College of Surgeons of Edinburgh

National:  
2000-Present                      American Medical Association  
2002-Present                      Society for Clinical Vascular Surgery  
2007-Present                      American Heart Association  
2007-Present                      Association of Academic Surgeons  
2012-Present                      Eastern Vascular Society  
2012-Present                      Society of Vascular Surgery

**Academic and Institutional Committees:**

2014-Present                      Member, Diversity Committee, Eastern Vascular Society  
2014-Present                      Member, Varicose vein committee, Vascular Quality Initiative  
2015-Present                      Member, Government Relations Committee, Society for Vascular  
Surgery  
2012-2014                      Chair, Invasive Procedure Committee, Philadelphia VAMC  
2015-Present                      Member, Clinical Competence Committee, Penn Surgery Member,

2016-Present Editorial board, Journal clinics in surgery - Vascular surgery

**Major Academic and Clinical Teaching Responsibilities:**

2006-Present Customary teaching and clinical responsibilities for junior faculty members in vascular surgery, including surgical treatment of patients and teaching of vascular surgery residents, fellows, surgery residents, medical students and other trainees in the OR, on patient rounds and in the outpatient clinics.

**Abstracts and Presentations:**

- 1 Role of serum gamma-glutamyl transferase in diagnosis of amebic hepatitis: utility as a diagnostic and prognostic tool. Research award presentation. Indian Council of Medical research, Warangal, India. 1998.
- 2 Coronary artery disease - current status of management. Grand Rounds, Easton, PA. 2002.
- 3 Disease progression in contra lateral carotid artery after carotid endarterectomy using duplex scan – Research award at Updegrave research competition. Easton, PA. 2004.
- 4 Comparison of breast biopsy techniques and malignancy yield rates a Retrospective review of 1000 patients; Presented at Southeastern Surgical Congress, Atlanta, GA. 2005.
- 5 Aortic aneurysm treatment – endovascular options. Grand rounds presentation. Easton, PA. 2005.
- 6 Remote Endarterectomy of the Superficial Femoral Artery in Critical Limb Ischemia." VA Surgeons Meeting, Salt Lake City, UT. 2005.
- 7 Percutaneous Isolated Limb Perfusion for Acute Limb Ischemia. Society for Clinical Vascular Surgery, Coral Gables, FL. 2005.
- 8 Contemporary treatment of venous disease. Grand rounds. Obstetrics and Gynecology. University of Arkansas. 2006.
- 9 The Effects of Toradol on Postoperative Intimal Hyperplasia in Rat Carotid Endarterectomy Model. Founder's Research Award, Southern Association for Vascular Surgery, Phoenix, AZ. 2006.
- 10 Thrombosis of a Portal Vein Aneurysm in Pregnancy: An Unusual Cause of Abdominal Pain During Pregnancy. Case Presentation, Southwestern Surgical Congress, Kauai, HI. 2006.
- 11 Recognition and management of popliteal artery aneurysms: Poster presentation at Southwestern Surgical Congress, Kauai, HI, 2006.
- 12 Interleukin-19: Critical Role in the Growth and Rupture of Aortic Aneurysms in Apolipoprotein E Deficient Mice." Annual Meeting of the Society for Vascular Surgery, San Diego, CA. 2008.
- 13 Endovascular Surgery: Past, Present and Future. Grand Rounds Presentation, Easton, PA. 2008.

- 14 Definitive Test to Diagnose Median Arcuate Ligament Syndrome: Use of an Intra-Arterial Vasodilator During Angiography. Southern Association for Vascular Surgery, Naples, FL. 2008.
- 15 Effects of IL-19 on MMP-2, MMP-9 and IL-20 from macrophages, T-helper 2 cells and vascular smooth muscle cells – implications for pathogenesis of aortic aneurysms. Association for Academic Surgery Surgical Congress. 2009.
- 16 The Sutureless Anastomosis: a technique for the treatment of circumferential calcification. Submitted for presentation at the Southern Association for Vascular Surgery. 2009.
- 17 Endovascular treatment of segmental renal artery aneurysm using neurovascular technique. Submitted for presentation at the Southern Association for Vascular Surgery. 2009.
- 18 Aortoiliac Occlusive Disease: Role of Open Surgery in the Endovascular Era. Eastern Vascular Society, Boston, MA. 2014.
- 19 Acute ischemic monomelic neuropathy - an uncommon and important complication of upper arm hemodialysis access. Eastern Vascular Annual meeting. 2014
- 20 Endovascular Treatment Of Innominate And Common Carotid Dissection In Marfan's Syndrome - A Case And Review Of Literature. Eastern Vascular Annual meeting. 2015.

**Lectures by invitation:**

- 1 Aortic dissection and Aortic Aneurysm. Patel and Associates, Palace at Ben, Philadelphia, PA. 2010.
- 2 Current Results Of Carotid Stenting, Roxborough Memorial Hospital, Philadelphia, PA. 2010.
- 3 Management of Aortic Dissections. Presentation for Department of Surgery at Penn Presbyterian Medical Center/ Penn Medicine. 2010.
- 4 Current Results of Carotid Stenting with Distal Protection, Kent General Hospital, Bay Health, Dover, Delaware. 2010.
- 5 Management of Aortic Dissection, Crozer-Chester Medical center Upland, PA. 2011.
- 6 Management of PAD. Podiatry grand rounds. Penn Presbyterian Medical Center, Philadelphia, PA. 2011.
- 7 Contemporary management of Carotid artery disease. Family medicine grand rounds. Penn Presbyterian Medical Center, Philadelphia, PA 2011.
- 8 Femoral and popliteal artery aneurysms. Surgery teaching rounds, University of Pennsylvania, Philadelphia, PA 2011.
- 9 "Vascular Emergencies." Presentation to Emergency Department, PPMC/ Penn Medicine. 2011.
- 10 "Current Management of PAD." Presentation for Penn Medicine at Valley Forge, PA. 2011.
- 11 Current management of PAD for the primary care provider. Delaware County Country Club, Chester, PA. 2011.
- 12 Management of Aortic Dissections. Mercy Fitzgerald Medical Center, Philadelphia, PA. 2012.
- 13 Management of venous disease. Surgery teaching rounds. University of Pennsylvania, Philadelphia, PA. 2012.

- 14 Management of Aortic Dissections. Easton Hospital, Easton, PA. 2012.
- 15 Management of Aortic Dissections. Pottstown Memorial Medical Center, Pottstown, PA. 2012.
- 16 Fundamentals of endovascular therapy. Surgery teaching rounds. University of Pennsylvania, Philadelphia, PA 2013.
- 17 Contemporary Management of Carotid Artery Disease. Mercy Suburban Hospital, Norristown, PA. 2014.
- 18 Management of peripheral artery disease. Surgery teaching rounds, University of Pennsylvania, Philadelphia, PA 2015.

### **Clinical trials:**

#### **Current:**

Principal Investigator: A Prospective, Multicenter, Non-Blinded, Non-Randomized Study of the RelayPro Thoracic Stent-Graft in Subjects with Traumatic Injury of the Descending Thoracic Aorta. 2016.

#### **Past:**

- 1 Phase II, Multi-Center, Randomized, Double-Blind, Placebo-Controlled Trial of VLTS 934 and Subjects with Intermittent Claudication Secondary to Peripheral Arterial Disease, Valentis, 7/2008-6/2010 (John Eidt, MD, PI), \$0/annual direct costs, 2% effort (Role in grant: Co-Inv, IG / CT Grant)
- 2 Carotid RX Acculink/RX Accunet Post Approval Trial to Uncover Unanticipated or Rare Events, Abbott, 7/2007-6/2009 (John Eidt, MD, PI), \$0/annual direct costs, 2% effort (Role in grant: Co-Inv, IG / CT Grant)
- 3 Effects of Interleukins on the Growth and Rupture of Aortic Aneurysms in Apolipoprotein E Deficient Mice, Infused with Ang II, University of Arkansas, 2/2007-8/2008 (Venkat Kalapatapu, MC, PI), \$0/annual direct costs, 50% effort (Role in grant: PI)
- 4 A Randomized, Double-Blind, Placebo-Controlled, Multicenter, Phase III Study of Rosuvastatin (Crestor) 20mg in the Primary Prevention of Cardiovascular Events Among Subjects with Low Levels of LDL-Cholesterol and Elevated Levels of C-Reactive Protein, Astra Zeneca, 7/2006-6/2008 (John Eidt, MD, PI), \$0/annual direct costs, 2% effort (Role in grant: Co-Inv, IG / CT Grant)
- 5 A Two-Part Multicenter, Randomized, Double-Blind, Placebo-Controlled Study to Evaluate the Effect of Simvastatin, Losartan, and Pioglitazone on Cardiovascular Disease Biomarkers in Lower Extremity Atherosclerotic Plaque

Excised from Patients with Peripheral Arterial Disease, Fox Hollow Technologies, 7/2006-6/2008 (John Eidt, MD, PI), \$0/annual direct costs, 2% effort (Role in grant: Co-Inv, IG / CT Grant)

- 6 Positive Impact of Endovascular Options for Treating Aneurysms Early, Medtronic, 7/2006-6/2008 (John Eidt, MD, PI), \$0/annual direct costs, 2% effort (Role in grant: Co-Inv)
- 7 Stenting and Angioplasty with Protection in Patients at High Risk for Endarterectomy, Cordis, 7/2006-6/2008 (John Eidt, MD, PI), \$0/annual direct costs, 2% effort (Role in grant: Co-Inv, IG / CT Grant)
- 8 Homocysteine Levels Pre and Post-Op in Patients Undergoing Vascular Surgery, University of Arkansas for Medical Sciences, 7/2006-6/2007 (John Eidt, MD, PI), \$0/annual direct costs, 2% effort (Role in grant: Co-Inv)
- 9 Phase 3, Multicenter, Multinational, Randomized, Partial Double-Blind, Placebo-Controlled Study to Evaluate the Efficacy and Safety of Alfiameprase in Subjects with Acute Peripheral Arterial Occlusion, Nuvelo, 7/2006-6/2007 (John Eidt, MD, PI), \$0/annual direct costs, 2% effort (Role in grant: Co-Inv, IG / CT Grant)

**Publications (Peer-reviewed journal, book chapters and media):**

- 1 **Kalapatapu VR**. Role of malondialdehyde in detection of ischemia-reperfusion injury after renal transplantation. Surgery thesis. Postgraduate Institute of Medical Education and Research, Chandigarh, India 1998.
- 2 Ali AT, **Kalapatapu VR**, Bledsoe S, Moursi MM, Eidt JF: Percutaneous isolated limb perfusion with thrombolytics for severe limb ischemia. Vascular & Endovascular Surgery 39(6): 491-97, Nov/Dec 2005
- 3 Ali AT, **Kalapatapu V**, Ahmed O, Moursi M, Eidt JF: Remote superficial femoral artery endarterectomy: early results for TASC D lesions in patients with severe ischemia. Vascular & Endovascular Surgery 41(4): 310-15, Aug/Sep 2007.
- 4 **Kalapatapu VR**, Satterfield L, Brown AT, Hongjiang Chen, Ercal N, Price TO, Jie Gao, Ibrahim K, Moursi MM: The effects of Toradol on postoperative intimal hyperplasia in a rat carotid endarterectomy model: laboratory research. Vascular & Endovascular Surgery 41(5): 402-8, Oct/Nov 2007.
- 5 **Kalapatapu VR**, Shelton KR, Ali AT, Moursi MM, Eidt JF: Pseudoaneurysm: a review. Current Treatment Options in Cardiovascular Medicine 10(2): 173-83, Apr 2008.

- 6 Ali AT, McLeod N, **Kalapatapu VR**, Moursi MM, Eidt JF: Staging the neoaortoiliac system: feasibility and short-term outcomes. Journal of Vascular Surgery 48(5): 1125-31, Nov 2008 Notes: Epub 2008 Sep 19.
- 7 **Kalapatapu VR**, Murray BW, Palm-Cruz K, Ali AT, Moursi MM, Eidt JF: Definitive test to diagnose median arcuate ligament syndrome: injection of vasodilator during angiography. Vascular & Endovascular Surgery 43(1): 46-50, Feb/Mar 2009 Notes: Epub 2008 Sep 17.
- 8 **Kalapatapu VR**, Ali AT, Masroor F, Moursi MM, Eidt JF: Techniques for managing complications of arterial closure devices. Vascular & Endovascular Surgery 40(5): 399-408, Oct/Nov 2006.
- 9 Nathan Derek, Szeto Wilson, Gutsche Jacob, Min Htun, **Kalapatapu V**: Metastatic endometrial sarcoma with inferior vena caval and cardiac involvement: a combined surgical approach. Vascular and endovascular surgery 48(3): 267-70, Apr 2014.
- 10 Ullery Brant W, **Kalapatapu V** Bilateral reperfusion injury after carotid endarterectomy with contralateral carotid occlusion. Vascular 23(2): 188-92, Apr 2015.
- 11 Eidt J, **Kalapatapu V**: Brachiocephalic reconstruction. Mastery of Surgery, 6th Edition. Fischer JE, Bland KI, Callery MP, Clagett GP, Jones DB, Moneta GB, Seeger JM (eds.). Philadelphia: Wolters Kluwer/Lippincott Williams & Wilkins, Page: in press, 2010.
- 12 Eidt J, **Kalapatapu V**: Below and above knee amputation. Atlas of Vascular Surgery and Endovascular Therapy. Chaikof EL, Cambria RP (eds.). Philadelphia: Elsevier, Page: in press, 2010.
- 13 Eidt J, **Kalapatapu V**: Amputations : Techniques and results. Rutherford's Vascular Surgery, 7th Edition. Cronenwett JL, Johnston W (eds.). Philadelphia: WB Saunders/Elsevier, Page: 1772-91, 2010 Notes: Vol. 2, Sect. 15, Chap. 115
- 14 Eidt J, **Kalapatapu V** : Amputations: Techniques and results. Rutherford's Vascular Surgery, 8th Edition. Cronenwett JL, Johnston W. (eds.). Philadelphia: WB Saunders/Elsevier, Page: 1848-1867, 2014 Notes: Vol. 2, Sec 18, Chap. 118
- 15 **Kalapatapu V** . : Lower extremity amputation. UpToDate On-line publication 2012.
- 16 **Kalapatapu V** . : Techniques of lower extremity amputation. UpToDate On-line publication 2012.
- 17 Ramdon A, Breyre A, **Kalapatapu V** : A case of acute ischemic monomelic



neuropathy and review of the literature. Ann Vasc Surg. In Press

- 18 Ramdon A, **Kalapatapu, V** : Proximal arteriovenous fistula creation. Dialysis Access Cases: Practical Solutions to Clinical Challenges, 1<sup>st</sup> edition. Yezvlin et al (eds). Springer, NY, 2016.