

SAGAR GANDHI

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OFFICE ADDRESS

Prisma Healthcare
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EDUCATION

1999 - 2003 BA, Biology
 Texas A&M University, College Station, TX

2004 - 2008 MD, Medicine
 American University of the Caribbean, St. Maarten, N.A.

POSTGRADUATE TRAINING AND FELLOWSHIP APPOINTMENTS

2008-2009 Internship
 General Surgery, University of Tennessee Medical Center, Knoxville, TN
2009-2014 Residency
 General Surgery, University of Tennessee Medical Center, Knoxville, TN
2014-2016 Fellowship
 Vascular Surgery, Greenville Health System, Greenville, SC

LICENSURE AND CERTIFICATION

<u>Certification</u>	Issue Date
Advanced Trauma Life Support (ATLS) Instructor American College of Surgeons	01/2009
Fundamentals of Laparoscopic Surgery American College of Surgeons	01/2013
Advanced Surgical Skills for Exposure in Trauma (ASSET) Instructor American College of Surgeons	01/2014
American Board of Surgery - General Surgery ABS	01/2016
Registered Physician in Vascular Interpretation (RPVI) APCA	01/2016
American Board of Surgery - Vascular Surgery ABS	01/2017
Advanced Cardiovascular Life Support (ACLS) Provider American Heart Association	01/2018
Basic Life Support (BLS) for Healthcare Providers American Heart Association	01/2018

HOSPITAL ADMINISTRATIVE APPOINTMENTS

2018-Present Oversees M3/M4 rotations through Vascular Division, Prisma Department of
 Surgery, Greenville, South Carolina

AWARDS AND HONORS

University

2012 UT Medical Center Guardian Angel Program Award
UT Medical Center

LEADERSHIP

2013 - 2014 Administrative Chief Resident
UT Medical Center Department of Surgery

RESEARCH

2011 3rd Place at the 21st Annual UT Surgery Resident Research Day
University of Tennessee
2012 2nd Place at the 22nd Annual UT Surgery Resident Research Day
University of Tennessee
2013 3rd Place at the 23rd Annual UT Surgery Resident Research Day
University of Tennessee

National

RESEARCH

2012 Society of Vascular Surgery (SVS) Travel Scholarship - 1st Place Resident Skills
Competition
SVS Vascular Annual Meeting 2012

MEMBERSHIPS IN HONORARY AND PROFESSIONAL SOCIETIES

2014-Present Society for Vascular Surgery
Candidate Member
2014-Present Southern Association for Vascular Surgery
Candidate Member
2016-10/2019 American College of Surgeons
Member
2016-Present Vascular and Endovascular Surgery Society
Member
10/2019-Present American College of Surgeons
Fellow

RESEARCH GRANTS, CONTRACTS AND PROJECTS

ACTIVE NON-PEER-REVIEWED

Title: BEST-CLI
Source:
Role: Site Investigator
Dates: 2015 - Present
Direct Funds:

Title: FMD registry
Source:
Role: Site Investigator
Dates: 2016 - Present
Direct Funds:

Title: RANGER 2
Source:
Role: Principal Investigator
Dates: 2017 - Present
Direct Funds:

Title: ROADSTER 2
Source:
Role: Site Investigator
Dates: 2017 - Present
Direct Funds:

Title: DETOUR 2
Source:
Role: Site Investigator
Dates: 2018 - Present
Direct Funds:

Title: Gore AAA study
Source:
Role: Site Investigator
Dates: 2018 - Present
Direct Funds:

Title: Laminate Vasco
Source:
Role: Site Investigator
Dates: 2018 - Present
Direct Funds:

Title: CLOUT registry
Source:
Role: Principal Investigator
Dates: May 10, 2019 - Present
Direct Funds:

Title: The Use of Smartphone Technology to Supervise Exercise Therapy in Patients
with Peripheral Artery Disease
Source: Transformation Seed Grant
Role: Principal Investigator
Dates:
Direct Funds:

PRIOR NON-PEER-REVIEWED

Title: Greenville Aortic Symposium
Source: Gore and Medtronic
Role: Planning Chair
Dates: 2019 - March 2020
Direct Funds: \$30000

PEER-REVIEWED LECTURES AND PRESENTATIONS GIVEN

International

Gandhi, S., Bruker, C., Bruker C, C., Siddiqui, S., Kestler, D., Gray, K., Bell, J., Solomon, A., Lewis, J., "ODAM, A Novel Biomarker, is Predictive for Stage III Melanoma," Seventh Annual International Melanoma Congress 2010, Sydney, Australia. (2010).

Gandhi, S., Gallegos, J. J., Grandas, O., "Common Iliac Artery to Iliac Vein Arteriovenous Fistula for Hemodialysis: A Case Report," Vascular Access for Hemodialysis Symposium, Vascular Access Society of the Americas, Orlando, FL. (2012).

National

Gandhi, S., Siddiqui, S., Nelson, H., "Multiphasic CT in the Evaluation of Primary Hyperparathyroidism," The American College of Surgeons Annual Meeting, Chicago, IL. (2009).

Gandhi, S., Eidt, J., Carsten, C., "Triple Barrel Aortic Dissection: A Case Report," Vascular Interventional Advances (VIVA), Las Vegas, NV. (November 2014).

Gandhi, S., "Skin Substitutes: The Role for Engineered Skin Products in the Management of Chronic Wounds," Southern Association of Vascular Surgery (SAVS) Annual Meeting 2016 - Postgraduate Course, Southern Association of Vascular Surgery. (January 2016).

Gandhi, S., "Comparison of catheter-directed thrombolysis with and without pharmacomechanical thrombectomy for acute lower extremity ischemia," Vascular and Endovascular Surgery Society, Vascular and Endovascular Surgery Society, Steamboat Springs, CO. (February 2, 2017 - February 5, 2017).

Gandhi, S., Ewing, J. A., Gray, B., "Outcomes of Mechanical Thrombectomy in Conjunction with Thrombolysis in the Treatment of Acute Limb Ischemia," Vascular and Endovascular Surgery Society, Vascular and Endovascular Surgery Society, Steamboat Springs, CO. (February 2, 2017 - February 5, 2017).

Powell, B. C., Webb, K., Freeman, B., Carsten, C., Gandhi, S., "Ligation of Common Iliac Artery Mycotic Aneurysm in a Neonate and Review of the Literature," Southern Association for Vascular Surgery, Southern Association for Vascular Surgery, Scottsdale, AZ. (January 17, 2018 - January 20, 2018).

Freeman, B. M., Powell, B. C., Devane, A. M., Hale, A., Gandhi, S., "Traumatic Aorto-Cisterna Chyli Fistula with Treatment of Aortic Pseudoaneurysm with CT Guided Thrombin Injection," Vascular and Endovascular Surgery Society, Vail, CO. (January 31, 2018 - February 1, 2018).

Jones, B. J., Groot, S. J., Gandhi, S., Gray, B., Carsten, C., "The ValueVac -- Cost-Saving Incisional Management System," 44th Annual Meeting, Southern Association of Vascular Surgery, Palm Beach, FL. (January 2020).

Sticco, A., Gandhi, S., Knoedler, B., Marston, G., Ewing, J. A., Langan, E., Carsten, C., "Current Outcomes of Blunt Vertebral Artery Injuries," The Southern Association for Vascular Surgery, Palm Beach, FL. (January 8, 2020).

State

Gandhi, S., "Darwinism: The Evolution of Critical Limb Ischemia," South Carolina Vascular Surgical Society Annual Meeting. 2016, South Carolina Vascular Surgical Society. (January 2016).

Gandhi, S., "Complex IVC Filter Removal," SC Vascular Surgical Society Annual Meeting, SC Vascular Surgical Society, Myrtle Beach, SC. (July 13, 2018).

Local

Gandhi, S., Bruker, C., Bruker C, C., Siddiqui, S., Kestler, D., Gray, K., Bell, J., Solomon, A., Lewis, J., "ODAM, A Novel Biomarker, is Predictive for Stage III Melanoma," 20th Annual UT Surgery Resident Research Day, Knoxville, TN. (June 2010).

Gandhi, S., Freeman, M. B., "Groin Dissections: Can We Reduce the Complications?," 21st Annual UT Surgery Resident Research Day, Knoxville, TN. (June 2011).

Gandhi, S., Gallegos, J. J., Goldman, M., Grandas, O., "Hemodialysis Access: How Are We Doing?," 22nd Annual UT Surgery Resident Research Day, Knoxville, TN. (June 2012).

Gandhi, S., Abraham, M., Long, C., Heidel, E., Grandas, O., Goldman, M., Cantafio, A., "Preoperative Assessment of Maximal Venous Outflow Velocity in the Evaluation of Permanent Hemodialysis Access Placement," 23rd Annual UT Surgery Resident Research Day, Knoxville, TN. (June 2013).

Powell, B., Gandhi, S., "Endovascular Treatment of the SFA," J.D. Ashmore Lectureship, Greenville Health System Department of Surgery, Greenville, SC. (June 9, 2017).

Gandhi, S., "The Role of Vascular Ultrasound in Chronic Mesenteric Ischemia," GHS Vascular Testing Symposium, Greenville Health System, Greenville, SC. (March 24, 2018).

COMMITTEE SERVICE

University Service

2010-2012 Committee Member, Graduate Medical and Dental Education Committee, University of Tennessee Medical Center

2013-2014 Committee Member, Medical Executive Committee, University of Tennessee Medical Center

2013-2014 Committee Member, Physician Advisory Committee, University of Tennessee Medical Center

Department Service

01/2019-Present Committee Member, Surgery Research Feasibility committee, Prisma Health Upstate Department of Surgery

Prisma Health Service

2017-Present Committee Member, Continuing Medical Education Committee

2018-Present Committee Member, Clinical Comp Committee, Vascular Surgery

Professional Service

03/2020 Planning Chair, Greenville Aortic Symposium, Greenville, SC
Awarded \$30K in educational grant for the symposium

PROGRAM DEVELOPMENT

ASSET COURSE INSTRUCTOR

2019 Advanced Surgical Skills for Exposure in Trauma (ASSET)
Sponsored By American College of Surgeons Committee on Trauma. Both.

BIBLIOGRAPHY

REFEREED JOURNAL PUBLICATIONS AND ORIGINAL PAPERS

1. Loukas M, Kinsella, Jr CR, Louis, Jr RG, Gandhi S, Curry B. Surgical anatomy of the accessory phrenic nerve. *The Annals of thoracic surgery*. 2006 Nov 1;82(5):1870–5. PMID: 17062263
2. Nagarsheth KH, Gandhi S, Heidel RE, Kurek SJ, Angel C. A mathematical model to predict length of stay in pediatric ATV accident victims. *The Journal of surgical research*. 2011 Nov 1;171(1):28–30. PMID: 21514601
3. Gandhi S, Bruker C, Heidel R, Siddiqui S, Kestler D, Gray K, et al. ODAM Localization Predicts Sentinel Lymph Node Metastasis on Cutaneous Melanoma. *Journal of Cancer Therapy*. 2013;4(8):1283–9.
4. Erwin PA, Blas J-V, Gandhi S, Romero ME, Gray B. Images in Vascular Medicine. Visceral fibromuscular dysplasia in a patient with chronic abdominal pain. *Vascular medicine (London, England)*. 2016 Apr 1;21(2):170–1. PMID: 26675330
5. Gandhi S, Blas J-V, Lee S, Eidt J, Carsten C. Nonoperative management of grade III blunt thoracic aortic injuries. *Journal of vascular surgery*. 2016 Dec 1;64(6):1580–6. PMID: 27461999
6. Gandhi S, Ewing JA, Cooper E, Chaves JM, Gray B. Comparison of Low-Dose Catheter-Directed Thrombolysis with and without Pharmacomechanical Thrombectomy for Acute Lower Extremity Ischemia. *Annals of vascular surgery*. 2018 Jan 1;46:178–86. PMID: 28739471

7. Nickloes T, Long C, Mack L, Kallab A, Dunlap A, Gandhi S. Superior Vena Cava Syndrome. Medscape [Internet]. 2018 Mar 26; Available from: <https://emedicine.medscape.com/article/460865-overview>
8. Freeman BM, Powell BC, Devane A (Mike) M, Hale A, Gandhi S. Traumatic Aorto-Cisterna Chyli Fistula with Treatment of Aortic Pseudoaneurysm with CT-Guided Thrombin Injection. *Annals of vascular surgery*. 2018 May 18; PMID: 29778611
9. Gandhi S, Gray B. Antiplatelet Therapy and Drug Coated Balloons and Stents.
10. Powell BC, Gandhi S, Freeman BM, Webb KM, Carsten C. Ligation of Common Iliac Artery Mycotic Aneurysm in a Neonate and Review of the Literature. *Ann Vasc Surg*. 59:310–2. PMID: 30802574
11. Powell BC, Ewing JA, Gray B, Gandhi S. Comparison of Drug Coated Balloons for treatment of Femoropopliteal disease. *Annals of Vascular surgery*.

BOOK CHAPTERS

1. Gandhi S, Long CA, Stevens SL. Lower Extremity Arterial Bypass Graft Interventions. In: Dieter RS, Dieter, Jr. RA, Dieter, III RA, editors. *Endovascular Interventions: A Case-Based Approach*. 1st ed. New York, NY, United States: Springer; 2014. p. 797–803.
2. Gandhi S, Cull D. Superior Vena Cava Syndrome. In: Valentine RJ, Eidt J, editors. *Scientific American Vascular and Endovascular Surgery*. Toronto, Ont.: Decker;
3. Gandhi S, Cull D. Upper Extremity Revascularization. In: *Scientific American Vascular and Endovascular Surgery*. Toronto, Ont., Canada: Decker; 2018.
4. Gandhi S, Carsten C. Complex Hemodialysis Access. In: *Rutherford's Vascular Surgery*. 9th Ed. London: Elsevier; 2018.

REFEREED ABSTRACTS

1. Gandhi S, Goodwin R, Edenfield WJ, Martin JC, Blenda A. Galectin Characterization and Profiling of Colon Cancer (Adenocarcinoma) Patients. 2020 Feb;

SCHOLARLY RESEARCH

1. Comparison of Drug Coated Balloons for treatment of Femoropopliteal disease, On-Going, Scholarly. Gandhi, Sagar. (January 1, 2014 - Present).
2. Vertebral Artery Injury, On-Going. Gandhi, Sagar, Simpson, Joshua P. (2018 - Present). Data collection in progress
3. Antiplatelet Therapy and Drug Coated Balloons and Stents, Writing Results, Scholarly. Gandhi, Sagar S, Gray, Bruce. (June 1, 2018 - September 4, 2018).
4. Tracking Outcomes in Claudication with Smartphone, Planning, Scholarly. Gandhi, Sagar S. (September 1, 2018 - Present).
5. Ultrasound Surveillance in AAA, Writing Results, Scholarly. Gandhi, Sagar S, Langan, Eugene. (September 4, 2018).
6. Revascularization with Contralateral Amputation, On-Going, Scholarly. Gandhi, Sagar. (January 1, 2019 - Present).