

# SHELLEY MAITHEL, M.D.

## EDUCATION AND TRAINING

### Vascular Surgery Fellow

Keck School of Medicine of University of Southern California (USC)  
Los Angeles, CA

07/2021 – 08/2023

### General Surgery Resident

University of California Irvine (UCI) Medical Center  
Orange, CA

06/2015 – 06/2021

### Vascular Surgery Research Fellow

University of California Irvine (UCI) Medical Center  
Orange, CA

06/2018 – 06/2019

### Doctor of Medicine

University of California (UCI), Irvine School of Medicine  
Irvine, CA

08/2011 – 05/2015

### Bachelor of Arts in Biology (honors) and Economics

Dartmouth College  
Hanover, NH

09//2007 – 07/2011

## PROFESSIONAL EXPERIENCE

### Vascular Surgeon

San Joaquin General Hospital  
French Camp, CA

11/2024 - current

### Clinical Assistant Professor of Vascular Surgery

Stanford University  
Palo Alto, CA

09/2023 – 09/2024

### General Surgeon (Per Diem)

Kaiser Permanente Anaheim Medical Center  
Anaheim, CA

06/2018 – 06/2019

### Urgent Care Physician

Kindred Hospital La Mirada  
La Mirada, CA

06/2018– 06/2021

### Editor

Sketchy Group, LLC  
Irvine, CA

10/2013 – 06/2015

## PROFESSIONAL MEMBERSHIPS

- Society for Vascular Surgery
- American College of Surgeons
- American Medical Association

11/2017 – Present

07/2015 – Present

06/2014– Present

## AWARDS

- **1<sup>st</sup> Place**

May 2019

Robert Nye Memorial Resident Paper Competition  
Southern California Vascular Surgical Society (SCVSS)  
Rancho Mirage, CA.

- **2<sup>nd</sup> place**

October 2018

Resident Surgical Skills Competition  
American College of Surgeons (ACS) Clinical Congress.  
Boston, MA.

## CERTIFICATIONS AND LICENSES

- American Board of Surgery, Vascular Surgery- Certificate #104242 (05/2024 – 01/2026)
- American Board of Surgery, General Surgery– Certificate #068051 (10/2021 – 01/2026)
- California Medical Board A145886 (11/2016 – 11/2024)
- Drug Enforcement Administration FM6440197 (01/2023 – 01/2026)
- Advanced Cardiovascular Life Support (10/25/2023 – 10/31/2025)
- Registered Physician In Vascular Interpretation #301264 (8/2023 – 12/2024)
- California Fluoroscopy Supervisor and Operator Permit RHC 00207674 (10/2023 – 10/2025)
- Fundamentals of Laparoscopic Surgery (04/2021- 04/2031)

## PEER REVIEWED PUBLICATIONS (21 total)

1. Han SM, DiBartolomeo AD, Pyun AJ, **Maithel S\***, Patel S, Fleischman F. Use of Iliac Branch Endoprosthesis to Rescue Inadvertent False Lumen Deployment of the Innominate Branch Stent During Physician-Modified Fenestrated-Branched Aortic Arch Repair. Vascular and Endovascular Surgery. 2023 Jul 20. Doi: 10.1177/15385744231191216. PMID 37473451. *\*Participated in conception and design*
2. Tohmami S, Kabutey NK, **Maithel S\***, Chen SL, Kuo IJ, Donayre CE, Fujitani RM, Chau AH. Management of acute aortoiliac arterial thrombosis in patients with the novel coronavirus disease 2019: A Case Series and Systematic Review of the literature. Ann Vasc Surg Brief Rep Innov. 2022 Sep;2(3):100105. doi: 10.1016/j.avsg.2022.100105. Epub 2022 Jul 6. PMID: 35821740; PMCID: PMC9259024. *\*Performed critical revisions of manuscript for important intellectual content*
3. Garland-Kledzik M, **Maithel S\***, Jafari MD, Dehkordi-Vakil F, Chaudhry H, Dinicu A, Chang I, Kransoff C, Gambhir S, Sheehan BM, Pigazzi A. Misdiagnosis of Appendiceal Neoplasms as Ovarian Tumors: Impact of Prior Gynecologic Surgery on Definitive Cytoreduction and HIPEC. European Journal of Surgical Oncology. 2022 Feb;48(2):449-454. doi: 10.1016/j.ejso.2021.08.022. Epub 2021 Aug 24. PMID: 34454813. *\*Participated in conception and design, acquired and performed statistical analysis of data, drafted manuscript*
4. Gambhir S, Daly S, Elfenbein D, Sheehan BM, **Maithel S\***, Smith M, Nguyen NT. The Effect of Transparency on the Gender-based Compensation Gap in Surgical Disciplines within a Large Academic Healthcare System. Surgical Endoscopy. 2021 Jun;35(6):2607-2612. doi: 10.1007/s00464-020-07679-1. Epub 2020 Jun 2. PMID: 32488656. *\*Performed statistical analysis and critical revisions of manuscript for important intellectual content*
5. Christian AB, **Maithel S\***, Grigorian A, Kabutey NK, Dolich M, Kong A, Gambhir S, Sheehan BM, Nahmias J. Comparison of Nonoperative and Operative Management of Traumatic Penetrating Internal Jugular Vein Injury. Annals of Vascular Surgery. 2021 Apr;72:440-444. doi: 10.1016/j.avsg.2020.08.149. Epub 2020 Sep 16. PMID: 32949747. *\*Created the conception and design of study, analyzed and interpreted data, drafted the manuscript*
6. Cheng TW, Fujitani RM, **Maithel S\***, Kabutey NK, Farber A, Jones DW, Rybin D, Doros G, Siracuse JJ. Access Type for Endovascular Repair in Ruptured Abdominal Aortic Aneurysms does not Affect Major Morbidity or Mortality. Annals of Vascular Surgery. 2021 Jan;70:181-189. doi: 10.1016/j.avsg.2020.07.004. Epub 2020 Jul 10. PMID: 32659419. *\*Participated in conception and design and critical revisions of manuscript*

7. Sheehan BM, Grigorian A, **Maithel S\***, Borazjani B, Fujitani RM, Kabutey NK, Lekawa M, Nahmias J. Penetrating Abdominal Aortic Injury: Comparison of ACS-verified Level-I and II Trauma Centers. Journal of Vascular and Endovascular Surgery. 2020 Nov;54(8):692-696. doi: 10.1177/1538574420947234. Epub 2020 Aug 13. PMID: 32787694. *\*Performed critical revisions of manuscript for important intellectual content*
8. Sheehan BM, Grigorian A, Gambhir S, **Maithel S\***, Kuza CM, Dolich MO, Lekawa ME, Nahmias J. Early Tracheostomy for Severe Pediatric Traumatic Brain Injury is Associated with Reduced Intensive Care Unit Length of Stay and Total Ventilator Days. J Intensive Care Med. 2020 Nov;35(11):1346-1351. doi: 10.1177/0885066619870153. Epub 2019 Aug 27. PMID: 31455142. *\*Performed critical revisions of manuscript for important intellectual content*
9. Hasjim BJ, Fujitani RM, Kuo IJ, Donayre CE, **Maithel S\***, Sheehan B, Kabutey NK. Unique Case of Recurrent Pelvic Congestion Syndrome Treated with Median Sacral Vein Embolization. Annals of Vascular Surgery. 2020 Oct;68:569.e1-569.e7. doi: 10.1016/j.avsg.2020.04.008. Epub 2020 Apr 10. PMID: 32283303. *\*Performed critical revisions of manuscript for important intellectual content*
10. **Maithel S**, Fujitani RM, Grigorian A, Kabutey NK, Gambhir S, Sheehan BM, Nahmias J. Outcomes and Predictors of Popliteal Artery Injury in Pediatric Trauma. Annals of Vascular Surgery. 2020 Jul;66:242-249. doi: 10.1016/j.avsg.2020.01.079. Epub 2020 Jan 21. PMID: 31978483.
11. Gambhir S, Daly S, **Maithel S\***, Putnam LR, Nguyen J, Smith BR, Nguyen NT. Evolving Changes of minimally invasive esophagectomy: a single-institution experience. Surgical Endoscopy. 2020 Jun;34(6):2503-2511. doi: 10.1007/s00464-019-07057-6. Epub 2019 Aug 5. PMID: 31385074. *\*Performed critical revisions of manuscript for important intellectual content*
12. Lee P, Sheehan BM, Gordon I, **Maithel S\***, Putnam L, Khalsa RM, Borghesi P, Kabutey NK. Novel Utility of Amplatzer Septal Occlusion Device to Treat Persistent Aortocaval Fistula Following Ruptured Endovascular Aortic Aneurysm Repair (rEVAR). Annals of Vascular Surgery. 2020 May;65:283.e7-283.e11. doi: 10.1016/j.avsg.2019.10.079. Epub 2019 Oct 31. PMID: 31678543. *\*Performed critical revisions of manuscript for important intellectual content*
13. **Maithel S**, Grigorian A, Fujitani RM, Kabutey NK, Sheehan BM, Gambhir S, Chen SL, Nahmias J. Incidence, Morbidity, and Mortality of Traumatic Superior Mesenteric Artery Injuries compared to other Visceral Arteries. Vascular. 2020 Apr;28(2):142-151. doi: 10.1177/1708538119893827. Epub 2019 Dec 31. PMID: 31888421.
14. Gambhir S, Daly S, **Maithel S\***, Sheehan S, Nguyen J, Hinojosa MW, Smith BR, Nguyen NT. Outcomes of Laparoscopic Hiatal Hernia Repair Based on Surgical Specialty: Thoracic versus General Surgeons. Surgical Endoscopy. 2020 Apr;34(4):1621-1624. doi: 10.1007/s00464-019-06926-4. Epub 2019 Jun 18. PMID: 31214801. *\*Performed critical revisions of manuscript for important intellectual content*
15. Gambhir S, Grigorian A, Ramakrishnan D, Kuza CM, Sheehan BM, **Maithel S\***, Nahmias J. Risk factors for Withdrawal of Life-sustaining Treatment in Severe Traumatic Brain Injury. American Surgeon. 2020 Jan 1;86(1):8-14. PMID: 32077410. *\*Performed critical revisions of manuscript for important intellectual content*
16. **Maithel S**, Grigorian A, Kabutey NK, Sheehan BM, Gambhir S, Wolf RF, Jutric Z, Nahmias J. Hepatoportal Venous Trauma: Analysis of Incidence, Morbidity, and Mortality. Vasc Endovascular Surg. 2020 Jan;54(1):36-41. doi: 10.1177/1538574419878577. Epub 2019 Sep 30. PMID: 31570064.
17. Gambhir S, Grigorian A, Swentek L, **Maithel S\***, Sheehan B, Daly S, Lekawa M, Nahmias J. Esophageal Trauma: Analysis of Incidence, Morbidity and Mortality. American Surgeon. 2019 Oct 1;85(10):1134-1138. PMID: 31657309. *\*Performed critical revisions of manuscript for important intellectual content*
18. Grigorian A, Albertson S, Delaplain P, Gabriel V, **Maithel S\***, Dosch A, Schubl S, Joe V, Nahmias J. Cirrhosis increases complication rate and overall mortality in patients with traumatic lung injury. Trauma. 2019;21(3):201-207. doi:10.1177/1460408618774577. *\*Performed critical revisions of manuscript for important intellectual content*

19. **Maithel S**, Duong AK, Zhang J, Nguyen DL. An unusual cause of vitamin B12 and iron deficiency. *Cleve Clin J Med*. 2015 Jul;82(7):406-8. doi: 10.3949/ccjm.82a.14151. PMID: 26185938.
20. Nguyen DL, **Maithel S**, Nguyen ET, Bechtold ML. Does Alvimopan enhance return function in laparoscopic gastrointestinal surgery? A meta-analysis. *Annals of Gastroenterology*. 2015 Oct-Dec;28(4):475-80. PMID: 26423597; PMCID: PMC4585395.
21. Lone MA, Atkinson AE, Hodge CA, Cottier S, Martinez-Montanes F, **Maithel S**, Mene-Saffrane L, Cole C, Schneider R. Yeast Integral Membrane Proteins Apq12, Brl1, and Brr6 Form a Complex Important for Regulation of Membrane Homeostasis and Nuclear Pore Complex Biogenesis. *Eukaryotic Cell*. 2015 Dec;14(12):1217-27. doi: 10.1128/EC.00101-15. Epub 2015 Oct 2. PMID: 26432634; PMCID: PMC4664871.

## BOOK CHAPTERS (2 total)

1. Kuo, IJ, **Maithel S**. "Portal Hypertension." *The Vascular Surgery In-Training Examination Review*. In: A. Murga, T. Teruya, A. Abou-Zamzam Jr., C. Bianchi, eds. Chapter 26, pgs 495-504. March 2023. Springer Nature Switzerland AG. (no publishing location available)
2. Kuo IJ, **Maithel S**. "Vascular Grafts." *The Vascular Surgery In-Training Examination Review*. In: A. Murga, T. Teruya, A. Abou-Zamzam Jr., C. Bianchi, eds. Chapter 21, pgs 429-438. March 2023. Springer Nature Switzerland AG. (no publishing location available)

## PRESENTATIONS

### A. Oral Presentation (11 total)

1. **Maithel S**, Williams B, Pyun A, Magee GA, Ziegler KR, Odonnell K, Paige, J, Han SM. Six Vessel Physician-Modified Fenestrated Branched Endograft for Repair of a Pararenal Abdominal Aortic Aneurysm with Concomitant Bilateral Short Common Iliac Artery Aneurysms. Oral Presentation. 17<sup>th</sup> Biennial Strandness Symposium. Lahaina, Hawaii. March 2022.
2. Tohmami S, Kabutey NK, **Maithel S\***, Chen SL, Kuo IJ, Donayre CE, Fujitani RM, Chau AH. Acute Aortoiliac Arterial Thrombosis in Patients with the Novel Coronavirus Disease-2019: A Case Series and Systematic Review of the Literature. Oral Presentation. 36<sup>th</sup> Annual Meeting of Western Vascular Society. Teton Village, WY. October 2021. *\*Assisted with editing presentation slides and reviewed presentations.*
3. **Maithel S**, Kabutey NK, Sheehan BM, Gambhir S, Donayre CE, Kuo IJ, Kopchok GE, Fujitani RM. ACS-NSQIP Targeted Database Evaluation of Obesity as a Risk Factor for Endovascular Aortic Aneurysm Repair Outcomes. Oral Presentation. 37<sup>th</sup> Annual Southern California Vascular Surgical Society (SCVSS) Meeting. Rancho Mirage, CA. May 2019.
4. Sheehan BM, Suzuki S, **Maithel S\***, Kuo I, Donayre C, Kabutey NK, Fujitani RM. Intracatheter Balloon Angioplasty Technique for Challenging Chronically Implanted Tunneled Dialysis Catheter Removal. Oral Presentation. 37<sup>th</sup> Annual Southern California Vascular Surgical Society (SCVSS) Meeting. Rancho Mirage, CA. May 2019. *\* Assisted with editing presentation slides and reviewed presentations.*
5. **Maithel S**, Fujitani RM, Grigorian A, Kabutey NK, Gambhir S, Sheehan B, Nahmias J. Outcomes and Predictors of Popliteal Artery Injury in Pediatric Trauma. Oral Presentation. 47<sup>th</sup> Annual Symposium for the Society of Clinical Vascular Surgeons (SCVS). Boca Raton, FL. March 2019.
6. Sheehan BM, Kabutey NK, Lee P, Putnam L, **Maithel S\***, Gordon I, Fujitani RM, Borghei P. Novel Use of Amplatzer Septal Occlusion Device to Treat Persistent Aortocaval Fistula Following Ruptured Endovascular Aortic Aneurysm Repair. Oral Presentation. 47<sup>th</sup> Annual Symposium for the Society of Clinical Vascular Surgeons (SCVS). Boca Raton, FL. March 2019. *\*Assisted with editing presentation slides and reviewed presentations.*



7. **Maithel S**, Grigorian A, Kabutey NK, Sheehan B, Gambhir S, Nahmias J. Hepatoportal Venous Trauma: Superior Mesenteric Vein Injury is Associated with Lower Risk of Mortality Compared to Portal and Hepatic Vein Injury. Oral Presentation. 14th Annual Academic Surgical Congress (ASC). Houston, TX. February 2019.
8. Sheehan BM, Grigorian A, **Maithel S\***, Borazjani B, Kabutey NK, Fujitani RM, Lekawa M, Nahmias J. Penetrating Abdominal Aortic Injury: Comparison of Level I and II Trauma Centers. 43<sup>rd</sup> Annual Meeting Vascular and Endovascular Surgery Society (VESS) Annual Meeting. Oral Presentation. Snowbird, UT. February 2019. *\*Assisted with editing presentation slides and reviewed presentations.*
9. Gambhir S, Grigorian A, Swentek L, **Maithel S\***, Sheehan BM, Daly S, Lekawa M, Nahmias J. Esophageal Trauma: Analysis of Incidence, Morbidity and Mortality. Oral Presentation. Southern California American College of Surgery (SCACS) Annual Scientific Meeting. Santa Barbara, CA. January 2019. *\*Assisted with editing presentation slides and reviewed presentations.*
10. Gambhir S, Daly S, **Maithel S\***, Sheehan BM, Koh CY, Hinojosa MW, Smith BR, Nguyen NT. Outcomes of Laparoscopic Hiatal Hernia Repair Based on Surgical Specialty: Thoracic versus General Surgeons. Oral Presentation. Southern California American College of Surgery (SCACS) Annual Scientific Meeting. Oral Presentation. Santa Barbara, CA. January 2019. *\*Assisted with editing presentation slides and reviewed presentations.*
11. Sheehan B, Grigorian A, Gambhir S, **Maithel S\***, Kuza C, Dolich M, Lekawa M, Nahmias J. Early Tracheostomy for Pediatric Patients with Severe Traumatic Brain Injury Reduces Intensive Care Unit Stay and Ventilator Days. Oral Presentation. 5th Annual Meeting for Pediatric Trauma Society. Houston, TX. November 2018. *\*Assisted with editing presentation slides and reviewed presentations.*

## **B. Poster Presentation (14 total)**

1. Duong W, Kabutey NK, Farzaneh C, **Maithel S**, Tohmami S, Schnure A, Golshani K, Chau A, Fujitani RM. Esophageal Cannulation is a Major Risk Factor for Aberrant Right Subclavian Artery Esophageal Fistula Formation. Society of Asian Academic Surgeons 6<sup>th</sup> Annual Meeting. Poster Presentation. Chicago, IL. September 2021.
2. Gambhir S, Farzaneh C, Ruhi-Williams P, **Maithel S**, Hinojosa MW, Smith BR, Nguyen H, Daly S. Risk Factors for Dehydration Requiring Outpatient Treatment After Bariatric Surgery: An Important Population of Patients. ePoster Presentation. American College of Surgeons (ACS) Clinical Congress. San Francisco, CA. October 2019.
3. Gambhir S, Daly S, **Maithel S**, Putman L, Nguyen J, Smith BR, Nguyen NT. Evolving Changes of Minimally Invasive Esophagectomy: A Single Institution Experience. Patient Safety and Quality Care. University of California Irvine. Poster Presentation. Irvine, CA. October 2019.
4. **Maithel S**, Kabutey NK, Siracuse JJ, Sheehan BM, Donayre CE, Kuo IJ, Gambhir S, Fujitani RM. Contemporary ACSNSQIP Outcomes of Carotid Endarterectomy in Patients with Moderate and Severe Chronic Kidney Disease. 2019 Society for Vascular Surgery (SVS) Vascular Annual Meeting. Poster Presentation. National Harbor, MD. June 2019.
5. **Maithel S**, Fujitani RM, Schnure A, Sheehan BM, Gambhir S, Kabutey NK, Yuki I, Suzuki S. An Analysis of Unusual Causes of Extracranial Cerebrovascular Artery Dissection. 2019 Society for Vascular Surgery (SVS) Vascular Annual Meeting. Poster Presentation. National Harbor, MD. June 2019.
6. Sheehan BM, Fujitani RM, Nyam A, **Maithel S**, Gambhir S, Kuo I, Donayre C, Kabutey NK. Ligation of Hemodialysis Access in Patients after Renal Transplantation. 2019 Society for Vascular Surgery (SVS) Vascular Annual Meeting. Poster Presentation. National Harbor, MD. June 2019.
7. Sheehan BM, Kabutey NK, Chen SL, **Maithel S**, Gambhir S, Kuo I, Donayre C, Fujitani RM. Shunting in Patients with Contralateral Carotid Artery Occlusion during Carotid Endarterectomy does not Improve Perioperative Risk of Stroke or Death. 2019 Society for Vascular Surgery (SVS) Vascular Annual Meeting. Poster Presentation. National Harbor, MD. June 2019.

8. Cheng TW, Fujitani RM, **Maithel S**, Kabutey NK, Farber A, Jones DW, Rybin D, Doros G, Siracuse JJ. Access Type for Endovascular Repair in Ruptured Abdominal Aortic Aneurysms does not Affect Major Morbidity or Mortality. 2019 Society for Vascular Surgery (SVS) Vascular Annual Meeting. Poster Presentation. National Harbor, MD. June 2019.
9. Sheehan BM, Suzuki S, **Maithel S**, Kuo I, Donayre C, Kabutey NK, Fujitani RM. Traumatic Pseudoaneurysm Complicating Subacute Internal Carotid Artery Dissection following a Rollercoaster Ride. 37<sup>th</sup> Annual Southern California Vascular Surgical Society (SCVSS) Meeting. Poster Presentation. Rancho Mirage, CA. May 2019.
10. **Maithel S**, Grigorian A, Kabutey NK, Dolich M, Kong A, Gambhir S, Sheehan BM, Nahmias J. Comparison of NonOperative and Operative Management of Traumatic Penetrating Internal Jugular Vein Injury. 71<sup>st</sup> Annual Southwestern Surgical Congress. Poster Presentation. Huntington Beach, CA. April 2019.
11. **Maithel S**, Lekawa ME, Gabriel V, Gambhir S, Sheehan BM, Kabutey NK, Fujitani RM. A Rare Case of External Iliac Vein Injury without Significant Pelvic Fracture. 47th Annual Symposium for the Society of Clinical Vascular Surgeons (SCVS). Poster Presentation. Boca Raton, FL. March 2019.
12. **Maithel S**, Kabutey NK, Fujitani RM, Fernando D, Nelson K, Sheehan BM, Gambhir S, Imagawa DK. Successful Use of Salvage Portal Vein Stent in Acute Portal Vein Thrombosis. Americas Hepato-Pancreato-Biliary Association (AHPBA) Annual Meeting. Poster Presentation. Miami, FL. March 2019.
13. **Maithel S**, Jafari MD, Chaudhry H, Chang I, Kranoff C, Gambhir S, Sheehan B, Pigazzi A. Ovarian Versus Appendiceal Neoplasm: A Recurrent Conundrum in the Female Patient. Society of Surgical Oncology (SSO) 14th International Symposium on Regional Cancer Therapies. Poster Presentation. Phoenix, AZ. February 2019.
14. **Maithel S**, Grigorian A, Fujitani RM, Kabutey NK, Chen SL, Sheehan B, Gambhir S, Nahmias J. Traumatic Superior Mesenteric Artery Injuries: Analysis of Incidence, Morbidity and Mortality Compared to other Visceral Arteries. 33rd Annual Meeting of Western Vascular Society. Poster Presentation. Santa Fe, NM. September 2018.