Stanford



Shipra Arya, MD SM FACS

Professor of Surgery (Vascular Surgery)

Surgery - Vascular Surgery

CLINICAL OFFICE (PRIMARY)

- **Vascular Surgery**

  300 Pasteur Dr Rm A32

  3rd Fl

  Stanford, CA 94305

  Tel (650) 725-5227 **Fax** (650) 723-3600

ACADEMIC CONTACT INFORMATION

- **Administrative Contact**

  Flora Truong - Administrative assistant

  Email ftruong@stanford.edu

  Tel (650) 497-2102

Bio

BIO

Shipra Arya, MD SM FACS is a Professor of Surgery at the Stanford University School of Medicine and section chief of vascular surgery at VA Palo Alto Healthcare System. She has a Master's degree in epidemiology from the Harvard School of Public Health with focus on research methodology and cardiovascular epidemiology. She completed her General Surgery Residency at Creighton University Medical Center followed by a Vascular Surgery Fellowship at University of Michigan. She has been funded by American Heart Association (AHA), NIH/NIA GEMSSTAR grant, VA Palo Alto Center for Innovation and Implementation (Ci2i), and is currently funded by VA HSR&D for a multicenter stepped wedge cluster randomized clinical trial called "PAtient-centered mUltidiSciplinary Care for vEterans Undergoing Surgery (PAUSE) trial". Her current work focuses on streamlining frailty evaluation, as well as implementation of patient and system level interventions to improve surgical quality and to provide high-value and patient centered care.

She has multiple administrative roles in surgical quality improvement as Director of Surgical Quality at VAPAHCS; Center director for Stanford University in the Vascular Quality Initiative (VQI); and the Associate Medical Director of the Northern California region for VQI, which is the national registry database and patient safety organization for Society for Vascular Surgery (SVS). Her involvement in SVS VQI also extends to being a member of the steering committee of the Vascular Implant Surveillance and Interventional Outcomes Network (VISION) to improve the quality, safety and effectiveness of vascular care. She also serves as the President of the Surgical Outcomes Club, a national organization of surgical health services researchers, and chairs multiple national committees: VA surgeons committee for the SVS and Diversity and Inclusion Committee for the Association of VA surgeons.

CLINICAL FOCUS

- Vascular Surgery
- Peripheral Arterial Disease
- Aortic Aneurysms
- Carotid artery disease

ACADEMIC APPOINTMENTS

- Professor-Univ Med Line, Surgery - Vascular Surgery

- Member, Cardiovascular Institute

ADMINISTRATIVE APPOINTMENTS

- Accountable Care Champion, Department of Surgery, Stanford Medicine, (2025- present)
- Director of Quality, VA Palo Alto Healthcare System, (2020- present)
- Section Chief- Vascular Surgery, VA Palo Alto Healthcare System, (2018- present)

PROFESSIONAL EDUCATION

- Fellowship: University of Michigan (2013) MI
- Board Certification: Vascular Surgery, American Board of Surgery (2014)
- Board Certification: General Surgery, American Board of Surgery (2012)
- Residency: Creighton University General Surgery Residency (2011) NE
- Medical Education: All India Institute of Medical Sciences (2005) India

LINKS

- Arya Lab Site: https://med.stanford.edu/arya-lab.html

Research & Scholarship

CLINICAL TRIALS

- PAtient-centered mUltidiSciplinary Care for vEterans Undergoing Surgery (PAUSE), Not Recruiting

Publications

PUBLICATIONS

- **AI-Driven Multimodal Risk Assessment Combining CT Imaging Biomarkers and Frailty Scores for Enhanced Mortality Prediction in Surgery Patients.** *Journal of the American College of Surgeons*
  Liu, B., Fereydooni, A., Jensen, M., Lakshmi, A., Fisher, A., Wu, J. T., Dudum, R., Boutin, R. D., Chaudhari, A. S., Arya, S.
  2026

- **Peripheral Vascular Calcification.** *Arteriosclerosis, thrombosis, and vascular biology*
  Lee, S., Woo, J., Chen, Y., Arya, S., Allison, M.
  2026

- **Liberal or Restrictive Postoperative Transfusion in Patients at High Cardiac Risk: The TOP Randomized Clinical Trial.** *JAMA*
  Kougias, P., Sharath, S. E., Zhan, M., Carson, J. L., Norman, L. E., Mi, Z., Pal, R., Dosluoglu, H., Modrall, J. G., Sarosi, G. A., Nelson, P., Arya, S., Scrymgeour, et al
  2025

- **Preimplementation expectations and perceptions of a preoperative frailty screening and optimization intervention: A qualitative analysis.** *Surgery*
  Cosby, Z. N., Langston, A. H., Doruk, R. N., Sasnal, M., Giannitrapani, K. F., Harris, A. H., Morris, A. M., Arya, S.
  2025; 188: 109676

- **The Surgical Pause: The Importance of Measuring Frailty and Taking Action to Address Identified Frailty** *JOINT COMMISSION JOURNAL ON QUALITY AND PATIENT SAFETY*
  Hall, D. E., Hagan, D., Ashcraft, L., Wilson, M., Arya, S., Johanning, J. M.
  2025; 51 (3): 167-177

- **2024 ACC/AHA/AACVPR/APMA/ABC/SCAI/SVM/SVN/SVS/SIR/VESS Guideline for the Management of Lower Extremity Peripheral Artery Disease: A Report of the American College of Cardiology/American Heart Association Joint Committee on Clinical Practice Guidelines** *CIRCULATION*
  Gornik, H. L., Aronow, H. D., Goodney, P. P., Arya, S., Brewster, L., Byrd, L., Chandra, V., Drachman, D. E., Eaves, J. M., Ehrman, J. K., Evans, J. N., Getchius, T. S. D., Gutierrez, et al

2024; 149 (24): e1313-e1410

- **Perspectives on Home Time and Its Association With Quality of Life After Inpatient Surgery Among US Veterans.** *JAMA network open*
  Arya, S., Langston, A. H., Chen, R., Sasnal, M., George, E. L., Kashikar, A., Barreto, N. B., Trickey, A. W., Morris, A. M.
  1800; 5 (1): e2140196
- **Association Between Patient Frailty and Postoperative Mortality Across Multiple Noncardiac Surgical Specialties.** *JAMA surgery*
  George, E. L., Hall, D. E., Youk, A., Chen, R., Kashikar, A., Trickey, A. W., Varley, P. R., Shireman, P. K., Shinall, M. C., Massarweh, N. N., Johanning, J., Arya, S.
  2020: e205152
- **Association of Statin Dose With Amputation and Survival in Patients With Peripheral Artery Disease.** *Circulation*
  Arya, S., Khakharia, A., Binney, Z. O., DeMartino, R. R., Brewster, L. P., Goodney, P. P., Wilson, P. W.
  2018; 137 (14): 1435–46
- **Identifying Key Clinical Outcomes After Peripheral Vascular Intervention Using Large Language Models and Electronic Health Records Data**
  Mao, J., Davis, S., Columbo, J., Arya, S., Banerjee, S., Matheny, M. E.
  LIPPINCOTT WILLIAMS & WILKINS.2026
- **Re-Evaluating Predictive Performance in the Clinical Risk Analysis Index of Frailty.** *Journal of the American Geriatrics Society*
  Desai, N., Jacobs, M. A., Tran, A. L., Nassereldine, H., McKibben, J. C., Reitz, K. M., Varley, P. R., Arya, S., Johanning, J. M., Wilson, M. A., Hall, D. E.
  2026
- **Development of a large language model clinical variable extraction pipeline for the study of lymphedema.** *JVS-vascular science*
  Fisher, A. T., Lakshmi, A., Liu, B. C., Woo, J., Gaus, R., Chaudhari, A. S., Arya, S., Hekman, K.
  2026; 7: 100448
- **Statins Use in Veterans With Peripheral Artery Disease: Insights From the PEARLS Study.** *Circulation. Population health and outcomes*
  Nathani, R., Nguyen, C., Li, Q., Vaughan-Sarrazin, M., Al-Garadi, M., Minniefield-Young, N., Smolderen, K., Tsai, S., Arya, S., Beckman, J. A., Lund, B. C., Girotra, S.
  2026: e013213
- **Rapid Pre-Implementation Evaluation for Multi-Specialty Surgical Trials: Informing Context-Specific Adaptations.** *Annals of surgery open : perspectives of surgical history, education, and clinical approaches*
  Sasnal, M., Giannitrapani, K. F., Langston, A. H., Doruk, R. N., Morris, A. M., Sox-Harris, A. H., Arya, S.
  2026; 7 (3): e690
- **A Cross-Sectional Analysis of Vascular Geometry in Adults: Associations of Age and Biological Sex with Iliofemoral Arterial and Venous Tortuosity.** *American journal of physiology. Heart and circulatory physiology*
  Berens, P. M., Liu, B. C., Fereydooni, A., Belkin, R. S., Bondesson, J., Wang, B. K., Arya, S., Cheng, C. P.
  2026
- **Efficacy and safety of revascularization in patients with chronic limb-threatening ischemia by kidney function.** *American heart journal*
  Lee, J. Y., Parvathinathan, G., Liu, S., Etemadi, A., Stedman, M. R., Arya, S., Chang, T. I.
  2026: 107550
- **Automated CT Quantification of Iliofemoral Venous Arc Length Demonstrates Left-Sided Predominance and Sex-Specific Variation.** *Journal of vascular surgery. Venous and lymphatic disorders*
  Berens, P. M., Liu, B. C., Fereydooni, A., Arya, S., Cheng, C. P.
  2026: 102569
- **Does one size fit all? Screening implications for abdominal aortic aneurysms in women.** *Journal of vascular surgery*
  Berens, P., Arya, S.
  2026; 83 (6): 1531-1532
- **Balancing Days at Home and Major Adverse Limb Events After Surgical Versus Endovascular Lower-Extremity Revascularization in Chronic Kidney Disease.** *Journal of the American Heart Association*
  Chang, T. I., Parvathinathan, G., Liu, S., Lee, J. Y., Etemadi, A., Arya, S., Stedman, M. R.
  2026: e048230

- **Secondary Prevention Strategies For Patients with Lower Extremity Peripheral Artery Disease After Successful Peripheral Vascular Intervention.** *American heart journal*
  Gouda, P., Secemsky, E. A., Hess, C. N., Arya, S., Fokorede, F., Mehran, R., Bonaca, M. P., Patel, M. R., Jones, W. S.
  2026: 107446

- **Navigating the Complexity of Lung Cancer Surveillance Practices: Qualitative Pilot Study on Provider Perspectives.** *JMIR cancer*
  Woo, J. M., Conover, S., Gray, C., Arya, S., Wu, J. T.
  2026; 12: e80659

- **Validation of the Society for Vascular Surgery Appropriate Use Criteria for Management of Intermittent Claudication.** *Journal of vascular surgery*
  Vega, A. A., Mavilian, C., Alabi, O., Arya, S., Brooke, B. S., Chester, C., Conte, M. S., George, E. L., Fei, K., Fereydooni, A., Iannuzzi, J. C., Kabbani, L. S., Koleilat, et al
  2026

- **Development of a large language model clinical variable extraction pipeline for thestudy of lymphedema** *JVS-Vascular Science*
  Fisher, A. T., Lakshmi, A., Liu, B. C., Woo, J., Gaus, R., Chaudhari, A. S., Arya, S., Hekman, K.
  2026

- **Rapid Pre-Implementation Evaluation for Multi-Specialty Surgical Trials: Informing Context-Specific Adaptations** *Annals of Surgery Open*
  Sasnal, M., Giannitrapani, K. F., Langston, A. H., Doruk, R. N., Morris, A. M., Sox-Harris, A. H., Arya, S.
  2026

- **Liberal or Restrictive Transfusion Strategy after General and Vascular Surgery: The Transfusion Trigger after Major Operations in High Cardiac Risk Patients Trial**
  Kougias, P., Zhan, M., Sharath, S., Carson, J., Arya, S., Sarosi, G., Dosluoglu, H., Nelson, P., Modrall, J., Norman, E., Scrymgeour, A., Mi, Z., Huang, et al
  LIPPINCOTT WILLIAMS & WILKINS.2025

- **Progression to Chronic Limb-Threatening Ischemia After Index Revascularization for Claudication.** *JAMA surgery*
  Alabi, O., Rokosh, R., Zheng, X., Hicks, C. W., Spangler, E. L., Velazquez, G., Hughes, K., Goodney, P., George, E. L., Mao, J., Arya, S., Corriere, M. A.
  2025

- **Frailty, emergency laparotomy and the long road beyond 90 days.** *Anaesthesia*
  Fereydooni, A., Arya, S.
  2025

- **Blood Pressure and Risk of Clinical Events in Peripheral Artery Disease.** *medRxiv : the preprint server for health sciences*
  Girotra, S., Vaughan-Sarrazin, M., de Lemos, J. A., Chan, P. S., Gupta, A. K., Li, Q., Nguyen, C., Lund, B. C., Nathani, R., Hoffman, R. M., Gobbel, G. T., Al-Garadi, M., Matheny, et al
  2025

- **Corrigendum to: "Frailty Screening Using the Risk Analysis Index: A User Guide" [The Joint Commission Journal on Quality and Patient Safety Volume 51, Issue 3 (2025) Pages 178-191].** *Joint Commission journal on quality and patient safety*
  Hall, D. E., Jacobs, C. A., Reitz, K. M., Arya, S., Jacobs, M. A., Cashy, J., Johanning, J. M.
  2025

- **Perioperative Evaluation and Risk Stratification of the Elderly Patient Undergoing Vascular Intervention.** *Seminars in vascular surgery*
  Cui, C. L., Fereydooni, A., Arya, S., Drudi, L. M.
  2025; 38 (3): 209-218

- **Validation of the Society for Vascular Surgery Appropriate Use Criteria for Management of Intermittent Claudication**
  Mavilian, C., Vega, A., Alabi, O., Arya, S., Brooke, B. S., Chester, C., Conte, M. S., Fereydooni, A., George, E. L., Iannuzzi, J., Kabbani, L., Lee, M., Mize, et al
  MOSBY-ELSEVIER.2025

- **Challenges and solutions for using Medicare claims data to determine the rate of types I and III endoleak after endovascular aortic aneurysm repair.** *Journal of vascular surgery*
  Cronenwett, J. L., Dalman, R. L., Simons, J. P., Schermerhorn, M., Beck, A. W., Arya, S., Oderich, G. S., Eldrup-Jorgensen, J., Goodney, P. P.
  2025; 82 (2): 703-704

- **Association between Imaging Surveillance Compliance and Long-Term Outcomes after Endovascular Abdominal Aortic Aneurysm Repair at VA Hospitals.** *Journal of vascular surgery*
  Newton, L. E., Ponukumati, A., Zwain, G., Korves, C., Mao, J., Moore, K., Arya, S., Alabi, O., Scali, S., Greenleaf, E., Suckow, B., Stone, D., Spangler, et al
  2025
- **Endovascular surgery does not mitigate the adverse effects of frailty on the risk of losing life or limb.** *Journal of vascular surgery*
  Sorondo, S. M., Arnow, K., Kashikar, A., Fereydooni, A., Trickey, A. W., Arya, S., George, E. L.
  2025
- **Prehabilitation and rehabilitation in peripheral arterial disease: Protocol and study design of the PREPARE-IT trial.** *Contemporary clinical trials*
  Myers, J., Chan, K., Nguyen, P., Dcep, C. G., Gautam, P., Arya, S., Aalami, O.
  2025: 107984
- **The Impact of Socioeconomic Metrics on the Outcomes of Endovascular Treatment ofAortic Dissection: A Mediation Analysis**
  Eshraghian, E., Fereydooni, A., Cabot, J., Yang, L., Liu, B., Sorondo, S., Berens, P., Satam, K., Arya, S., Lee, J., George, E. L.
  MOSBY-ELSEVIER.2025: E117-E119
- **Fully Automated Multimodal Risk Assessment Using Body Composition Biomarkers and Frailty Scores Enhances Mortality Prediction in Patients Undergoing Cardiovascular Surgery**
  Fereydooni, A., Liu, B., Blankemeier, L., Jensen, M., Lakshmi, A., Fisher, A. T., Lopez, I., Boutin, R., Chaudhari, A., Arya, S.
  MOSBY-ELSEVIER.2025: E199-E200
- **Enabling national identification of lung cancer screening eligibility with large language models.**
  Wu, J., Conover, S., Su, C., Corrigan, J., Culnan, J., Liu, Y., Kelley, M. J., Do, N., Arya, S., Harris, A. H. S., Langlotz, C., Wiener, R., Branch-Elliman, et al
  LIPPINCOTT WILLIAMS & WILKINS.2025: e13613
- **A Longitudinal Accounting of Acute Kidney Injury After EVAR Surveillance Imaging in a National Health System**
  Newton, L. E., Goodney, P., Zwain, G., Korves, C., Spangler, E., Bellamkonda, K. S., Moore, K., Arya, S., Alabi, O., Scali, S. T., Greenleaf, E., Soybel, D., Basilious, et al
  MOSBY-ELSEVIER.2025
- **Understanding the Risks of Abdominal Aortic Endograft Explantation with Early Outcomes from Two Decades of Experience.** *Journal of vascular surgery*
  Huang, A., Brown, C., Arya, S., Gallagher, K., Eliason, J.
  2025
- **Quantification of arterial calcification in peripheral artery disease and its association with amputation and/or mortality: A systematic review.** *Vascular medicine (London, England)*
  Woo, J., Fereydooni, A., Patel, J., Lakshmi, A., Lee, S., Trickey, A., Arya, S.
  2025: 1358863X251334572
- **Reporting of race, ethnicity, and gender in lower-extremity peripheral artery disease randomized controlled trials.** *Vascular medicine (London, England)*
  Nair, K., Mize, B. M., White, M. S., Akintobi, T. H., Patzer, R. E., Arya, S., Alabi, O.
  2025: 1358863X251322177
- **Frailty and Survival for Diagnoses Feasibly Managed Operatively or Nonoperatively.** *Annals of surgery*
  Mosher, E., Nassereldine, H., McKibben, J. C., Johanning, J., Arya, S., Massarweh, N. N., Shah, R., Shinall, M., Shireman, P., Varley, P. R., George, E. L., Youk, A., Backhus, et al
  2025
- **Imaging Surveillance Adherence After Endovascular Abdominal Aortic Aneurysm Repair at VA Hospitals.** *JAMA network open*
  Newton, L. E., Ponukumati, A., Zwain, G., Korves, C., Mao, J., Moore, K., Arya, S., Alabi, O., Scali, S., Greenleaf, E., Stone, D., Spangler, E., Goodney, et al
  2025; 8 (4): e256852
- **Establishing Clinically Operational Domains of Multidimensional Frailty: A Consensus Approach to Improve Multidimensional Frailty Diagnosis at Point of Care.** *The Gerontologist*

Shapiro, L. M., Arya, S., Adeli, E., Fredericson, M., Kaplan, R. M., Eppler, S. L., Lorenz, K., Lorig, K., Marwell, J., Schmiesing, C., Schroeder, R., Schulman, K., Trivedi, et al
2025

- **Long-Term Outcomes of Peripheral Artery Disease in Veterans: Analysis of the Peripheral Artery Disease Long-Term Survival Study (PEARLS).** *Journal of the American Heart Association*
  Girotra, S., Li, Q., Vaughan-Sarrazin, M., Lund, B. C., Al-Garadi, M., Beckman, J. A., Nathani, R., Hoffman, R. M., Chan, P. S., Banerjee, S., Tsai, S., Kumbhani, D. J., Minniefield-Young, et al
  2025: e038403
- **Optimizing Prehabilitation-Aligning the Right Patients With the Right Program.** *JAMA surgery*
  Reitz, K. M., Arya, S.
  2025
- **Frailty Screening Using the Risk Analysis Index: A User Guide** *JOINT COMMISSION JOURNAL ON QUALITY AND PATIENT SAFETY*
  Hall, D. E., Jacobs, C. A., Reitz, K. M., Arya, S., Jacobs, M. A., Cashy, J., Johanning, J. M.
  2025; 51 (3): 178-191
- **Leveraging the Vascular Quality Initiative to Reduce Length of Stay following Elective Carotid Endarterectomy and Endovascular Aortic Aneurysm Repair.** *Journal of vascular surgery*
  Dossabhoy, S. S., Lahiji-Neary, T., Morta, J., Miklosey, L., Flores, T., King, C., Moreno, C. A., Fallorina, R., Bagdasarian, A., Arya, S., Stern, J. R., Lee, J. T., Dalman, et al
  2025
- **Best Practices for Big Data Sources and Methods in Surgery.** *JAMA surgery*
  Arya, S., Dossett, L. A., Kibbe, M. R.
  2025
- **Practical Guide to Image-Based Big Data Research.** *JAMA surgery*
  Ross, E. G., Arya, S., Melcher, M. L.
  2025
- **Radial Access Approach to Peripheral Vascular Interventions: A Scientific Statement From the American Heart Association** *CIRCULATION-CARDIOVASCULAR INTERVENTIONS*
  Kovacic, J. C., Skelding, K. A., Arya, S., Ballard-Hernandez, J., Goyal, M., Ijioma, N. N., Kicielinski, K., Takahashi, E. A., Ujueta, F., Dangas, G., Council Clinical Cardiology, Council Cardiovasc Stroke Nursing, Council Peripheral Vasc Dis, Council Cardiovasc Radiology Intervention
  2025; 18 (1): e000094
- **Peripheral Vascular Calcification** *Arteriosclerosis, Thrombosis, and Vascular Biology*
  Lee, S., Woo, J. M., Chen, Y., Arya, S., Allison, M.
  2025
- **THE PAUSE TRIAL: LESSONS ABOUT SURGICAL PAUSE FROM AN RCT**
  Arya, S.
  OXFORD UNIV PRESS.2024: 479
- **Correction: The performance status gap in immunotherapy for frail patients with advanced non-small cell lung cancer.** *Cancer immunology, immunotherapy : CII*
  Wu, J. T., Corrigan, J., Su, C., Dumontier, C., La, J., Khan, A., Arya, S., Harris, A. H., Backhus, L., Das, M., Do, N. V., Brophy, M. T., Han, et al
  2024; 74 (1): 34
- **Frailty and Long-Term Health Care Utilization After Elective General and Vascular Surgery.** *JAMA surgery*
  Dossabhoy, S. S., Graham, L. A., Kashikar, A., George, E. L., Seib, C. D., Tamura, M. K., Wagner, T. H., Hawn, M. T., Arya, S.
  2024
- **Gastrointestinal complications and visceral circulation changes after intentional celiac artery embolization during complex endovascular aortic repair.** *Journal of vascular surgery*
  Fereydooni, A., Franco, C. T., Sorondo, S. M., Dossabhoy, S. S., George, E. L., Watkins, A. C., Arya, S., Lee, J. T.
  2024
- **Propensity Score Matched Comparison of EndoSuture versus Fenestrated Aortic Aneurysm Repair in Treatment of Abdominal Aortic Aneurysms with Unfavorable Neck Anatomy.** *Journal of vascular surgery*

Fereydooni, A., Satam, K., Dossabhoy, S., Trogolo Franco, C. I., Sorondo, S., Arya, S., Ullery, B. W., Lee, J. T.
2024

- **Implementation of a Preoperative Frailty Screening and Optimization Pathway for Vascular Surgery Patients is Associated with Decreased 30-Day Readmission.** *Journal of vascular surgery*
  Dossabhoy, S. S., Manuel, S. R., Yawary, F., Lahiji-Neary, T., Cheng, N., Cianfichi, L., Bagdasarian, A., George, E. L., Marwell, J. G., Lee, J. T., Dalman, R. L., Schmiesing, C., Arya, et al
  2024

- **Survival and Functional Status after Unanticipated Operation in Long-Term Nursing Home Residents**
  Azad, T. D., Johanning, J. M., Arya, S., Hall, D. E., Walston, J., Ling, S., Hersh, A.
  LIPPINCOTT WILLIAMS & WILKINS.2024: S203

- **Comparison of Open and Endovascular Repair of Complex Abdominal Aortic Aneurysms.** *Journal of vascular surgery*
  Yadavalli, S. D., Rastogi, V., Mehta, A., Allievi, S., Solomon, Y., de Bruin, J. L., Arya, S., Stangenberg, L., Verhagen, H. J., Schermerhorn, M. L.
  2024

- **Implementing Wearable Devices in Postoperative Care.** *JAMA network open*
  Wu, J. T., Arya, S.
  2024; 7 (9): e2434124

- **Long-term Outcomes of Peripheral Artery Disease In Veterans: Analysis of the PEripheral ARtery Disease Long-term Survival Study (PEARLS).** *medRxiv : the preprint server for health sciences*
  Girotra, S., Li, Q., Vaughan-Sarrazin, M., Lund, B. C., Al-Garadi, M., Beckman, J. A., Nathani, R., Hoffman, R. M., Chan, P. S., Banerjee, S., Tsai, S., Kumbhani, D. J., Minniefield-Young, et al
  2024

- **Effect of Starting Dialysis Versus Continuing Medical Management on Survival and Home Time in Older Adults With Kidney Failure : A Target Trial Emulation Study.** *Annals of internal medicine*
  Montez-Rath, M. E., Thomas, I. C., Charu, V., Odden, M. C., Seib, C. D., Arya, S., Fung, E., O'Hare, A. M., Wong, S. P., Kurella Tamura, M.
  2024

- **The performance status gap in immunotherapy for frail patients with advanced non-small cell lung cancer.** *Cancer immunology, immunotherapy : CII*
  Wu, J. T., Corrigan, J., Su, C., Dumontier, C., La, J., Khan, A., Arya, S., Harris, A. H., Backhus, L., Das, M., Do, N. V., Brophy, M. T., Han, et al
  2024; 73 (9): 172

- **Decision making in the frail vascular surgery patient: A scoping review.** *Seminars in vascular surgery*
  Fereydooni, A., Johnson, C. E., Brooke, B. S., Arya, S.
  2024; 37 (2): 224-239

- **The Association Between Frailty and Outcomes Following Ruptured Abdominal Aortic Aneurysm Repair.** *Journal of vascular surgery*
  Yu, J., Khamzina, Y., Kennedy, J., Liang, N. L., Hall, D. E., Arya, S., Tzeng, E., Reitz, K. M.
  2024

- **Outcomes of Women Undergoing Noncardiac Surgery in Veterans Affairs Compared With Non-Veterans Affairs Care Settings.** *JAMA surgery*
  George, E. L., Jacobs, M. A., Reitz, K. M., Massarweh, N. N., Youk, A. O., Arya, S., Hall, D. E.
  2024

- **Preoperative Proteinuria is Independently Associated with Mortality after Fenestrated Endovascular Aneurysm Repair.** *Journal of vascular surgery*
  Dossabhoy, S. S., Fisher, A. T., Chang, T. I., Owens, D. K., Arya, S., Stern, J. R., Lee, J. T.
  2024

- **A framework for perioperative care in lower extremity major limb amputation: a consensus statement by the Enhanced Recovery After Surgery (ERAS) Society and Society for Vascular Surgery** *JVS-VASCULAR INSIGHTS*
  McGinigle, K. L., O'Banion, L., Settembrini, A. M., Vavra, A. K., Garg, J., Ayyash, K., Arya, S., Thomas, M. M., Dell, K. E., Swiderski, I. J., Davies, M. G., Setacci, C., Urman, et al
  2024; 2

- **Comprehensive framework of factors accounting for worse aortic aneurysm outcomes in females: A scoping review.** *Seminars in vascular surgery*
  De Freitas, S., Falls, G., Weis, T., Bakhshi, K., Korepta, L. M., Bechara, C. F., Erben, Y., Arya, S., Fatima, J.
  2023; 36 (4): 508-516

- **Artificial intelligence in clinical workflow processes in vascular surgery and beyond.** *Seminars in vascular surgery*
  Dossabhoy, S. S., Ho, V. T., Ross, E. G., Rodriguez, F., Arya, S.
  2023; 36 (3): 401-412

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