



## Arash Fereydooni

- Affiliate, Department Funds
- Resident in Surgery - Vascular Surgery

### Bio

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#### CLINICAL FOCUS

- Vascular and Endovascular Surgery
- Residency

#### INSTITUTE AFFILIATIONS

- Member, Cardiovascular Institute

#### PROFESSIONAL EDUCATION

- MD, Yale School of Medicine , Doctor of Medicine (2020)
- MHS, Yale School of Medicine , Translational Research (2020)
- MS, Yale Graduate School of Arts and Sciences , Molecular Biology (2015)
- BS, Yale College , Molecular, Cellular and Developmental Biology (2015)

### Publications

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#### PUBLICATIONS

- **Technical Success and Clinical Outcomes of Pedal Serration Angioplasty for Chronic Limb-Threatening Ischemia.** *Journal of endovascular therapy : an official journal of the International Society of Endovascular Specialists*  
Gifford, E., Siah, M., Lichtenberg, M., Watts, M., Leung, D., Mangalmurti, S., Garcia, M., Mulaney-Topkar, B., Fereydooni, A., Petrucci, N., Mendoza, E., Wojczik, H., Li, et al  
2026: 15266028261440736
- **Enabling ankle-brachial index prediction from doppler sounds using deep learning.** *NPJ cardiovascular health*  
Rao, A., Battenfield, K., Fereydooni, A., Chaudhari, A., Aalami, O.  
2026; 3 (1)
- **Outcomes of oncovascular reconstruction in patients with extremity sarcomas.** *JVS-vascular insights*  
Zahiri, A., Fereydooni, A., Eshraghian, E., Ho, M., Mohler, D. G., Avedian, R. S., Steffner, R. J., Chandra, V., Lee, J. T., Harris, E. J., George, E. L.  
2026; 4
- **Real-World Outcomes of the Gore Thoracic Branch Endoprosthesis in Aortic Arch Zones 0-2, with a Zone 2 Comparison to TEVAR With Carotid-Subclavian Bypass.** *Journal of vascular surgery*  
Satam, K., Fereydooni, A., Liu, B. C., Eshraghian, E., Cabot, J., Yang, L., Sorondo, S., Berens, P., Tran, K., George, E. L., Lee, J. T.  
2026
- **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
- **A novel approach to thoracic endovascular aortic repair using "zone 1.5" deployment of the Gore thoracic branched endoprosthesis device.** *Journal of vascular surgery cases and innovative techniques*  
Satam, K., Fereydooni, A., Sorondo, S., Berens, P., Lee, J. T.  
2026; 12 (1): 102026
  - **How I do it: Techniques for repacking in physician-modified endografts.** *Journal of vascular surgery cases and innovative techniques*  
Satam, K., Fereydooni, A., Lee, J. T., Tran, K.  
2025; 11 (6): 101959
  - **Frailty, emergency laparotomy and the long road beyond 90 days.** *Anaesthesia*  
Fereydooni, A., Arya, S.  
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
  - **The Two-Decade Experience of Onco-vascular Reconstruction in Patients with Retroperitoneal Sarcoma.** *Annals of vascular surgery*  
Zahiri, A., Fereydooni, A., Eshraghian, E., Ho, M., Delitto, D., Lee, B., Poultides, G. A., Norton, J. A., Harris, E. J., George, E. L.  
2025
  - **Surgical Specialties' Outcomes for Carotid Body Tumor Resection.** *Vascular and endovascular surgery*  
Fereydooni, S., Kostiuk, V., Fereydooni, A., Judson, B.  
2025: 15385744251360824
  - **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
  - **Angiosarcoma Beneath a Bleeding Aneurysmal Veil.** *JACC. Case reports*  
Fereydooni, A., George, E. L., Pedroza, A. J., Miller, D. C., Liang, D. H., Stern, J. R.  
2025; 30 (13): 103548
  - **The Use of Simulation in Vascular Surgery Education: Current State and Future Directions.** *Seminars in vascular surgery*  
Fereydooni, A., Sgroi, M. D.  
2025; 38 (2): 163-171
  - **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
  - **Clinical Outcomes From a 20-Year Experience Treating Functional Popliteal Artery Entrapment Syndrome in Athletes**  
Cabot, J., Yang, L., Shalita, C., Fereydooni, A., Lee, J.  
MOSBY-ELSEVIER.2025
  - **The Impact of Socioeconomic Metrics on the Outcomes of Endovascular Treatment of Aortic 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
  - **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
- **LLMonFHIR: A Physician-Validated, Large Language Model-Based Mobile Application for Querying Patient Electronic Health Data.** *JACC. Advances*  
Schmiedmayer, P., Rao, A., Zagar, P., Aalami, L., Ravi, V., Zahedivash, A., Yao, D. H., Fereydooni, A., Aalami, O.  
2025; 4 (6 Pt 1): 101780
  - **Midterm outcomes from a 20-year experience treating functional popliteal artery entrapment syndrome in athletes.** *Journal of vascular surgery*  
Cabot, J. H., Yang, L., Shalita, C., Fereydooni, A., Cain, M., Lee, J. T.  
2025
  - **Comparison of In-person and Virtual Integrated Vascular Surgery Residency Interviews from the Applicant's Perspective.** *Annals of vascular surgery*  
Fereydooni, A., Fisher, A. T., Yang, L., Tran, K., Lee, J. T., George, E. L., Sgroi, M. D., Chandra, V.  
2025
  - **Parallel endograft repair of an aortic anastomotic pseudoaneurysm in a patient with middle aortic syndrome** *JOURNAL OF VASCULAR SURGERY CASES INNOVATIONS AND TECHNIQUES*  
Fereydooni, A., Kuroki, M. T., Lee, J. T.  
2025; 11 (2)
  - **SIGNIFICANT RADIATION REDUCTION USING CLOUD-BASED AI IMAGING IN MANUALLY MATCHED COHORT OF COMPLEX ANEURYSM REPAIR**  
Sorondo, S. M., Fereydooni, A., Ho, V. T., Dossabhoy, S. S., Lee, J. T., Stern, J. R.  
ELSEVIER SCIENCE INC.2025: 440
  - **Vascular Interventions in Gynecologic Oncology Surgery: Outcomes at a Tertiary Medical Center**  
Ho, M., Fereydooni, A., Litkouhi, B., Karam, A., Lee, J. T., Harris Jr, E. J., George, E. L.  
MOSBY-ELSEVIER.2025
  - **Outcomes of Oncovascular Reconstruction in Patients With Extremity Sarcomas**  
Zahiri, A., Fereydooni, A., Eshraghian, E., Ho, M., Avedian, R. S., Mohler, D. G., Lee, J. T., Harris, E., George, E. L.  
MOSBY-ELSEVIER.2025
  - **Parallel endograft repair of an aortic anastomotic pseudoaneurysm in a patient with middle aortic syndrome.** *Journal of vascular surgery cases and innovative techniques*  
Fereydooni, A., Kuroki, M. T., Lee, J. T.  
2025; 11 (2): 101718
  - **Phlegmasia cerulea dolens as a complication of radiation therapy in endometrial cancer: a case report.** *AJOG global reports*  
Ho, M., Fereydooni, A., McFarland, G., Litkouhi, B., Karam, A., Harris, E. J., George, E. L.  
2025; 5 (1): 100443
  - **Significant Radiation Reduction Using Cloud-Based AI Imaging in Manually Matched Cohort of Complex Aneurysm Repair.** *Annals of vascular surgery*  
Sorondo, S. M., Fereydooni, A., Ho, V. T., Dossabhoy, S. S., Lee, J. T., Stern, J. R.  
2025
  - **Management of internal carotid artery occlusion** *Carotid Artery Disease Diagnosis and Treatment*  
Fereydooni, A., Lee, J. T.  
Academic Press.2025: 139-148
  - **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
- **Endovascular retrieval of an entrapped balloon in a tibial artery.** *Journal of vascular surgery cases and innovative techniques*  
Fereydooni, A., Chandra, V., George, E. L.  
2024; 10 (3): 101459
  - **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
  - **Management of thoracic outlet syndrome in patients with hemodialysis access.** *Seminars in vascular surgery*  
Fereydooni, A., Sgroi, M. D.  
2024; 37 (1): 50-56
  - **Decision-making in the frail vascular surgery patient** *Current Vascular Surgery*  
Fereydooni, A., Arya, S.  
Wildenrad Design Associates.2024
  - **Vascular Diseases in the Young** *The VSITE Review Manual*  
Fereydooni, A., Escobar, G. A., Sgroi, M. D.  
Elsevier.2024
  - **Impact of Integrated Vascular Surgery Residency Training Pathway and Professional Development Time on Career Choice and Research Productivity.** *Journal of surgical education*  
Fereydooni, A., Fisher, A. T., Mullis, D. M., Smith, B. K., Sgroi, M. D.  
2023
  - **Serration Angioplasty Is Associated With Less Recoil in Infrapopliteal Arteries Compared With Plain Balloon Angioplasty.** *Journal of endovascular therapy : an official journal of the International Society of Endovascular Specialists*  
Fereydooni, A., Chandra, V., Schneider, P. A., Giasolli, R., Lichtenberg, M., Stahlhoff, S.  
2023: 15266028231215284
  - **Advanced Endovascular Techniques for Limb Salvage.** *The Surgical clinics of North America*  
Fereydooni, A., Chandra, V.  
2023; 103 (4): 779-799
  - **Individual and program-related predictors of academic vascular surgery practice.** *Annals of vascular surgery*  
Fisher, A. T., Fereydooni, A., Mullis, D. M., Smith, B. K., Sgroi, M. D.  
2023
  - **Neurogenic Thoracic Outlet Syndrome in Division 1 Collegiate Athletes: Presentation, Diagnosis, and Treatment.** *Clinical journal of sport medicine : official journal of the Canadian Academy of Sport Medicine*  
Olson, E. M., Dyrek, P., Harris, T., Fereydooni, A., Lee, J. T., Kussman, A., Roh, E.  
2023
  - **Racial, ethnic, and socioeconomic inequities in amputation risk for patients with peripheral artery disease and diabetes.** *Seminars in vascular surgery*  
Fereydooni, A., Patel, J., Dossabhoy, S. S., George, E. L., Arya, S.  
2023; 36 (1): 9-18
  - **Impact of Integrated Vascular Surgery Residency Training Pathway and Professional Development Time on Career Choice and Research Productivity**  
Fereydooni, A., Fisher, A. T., Mullis, D. M., Smith, B. K., Sgroi, M. D.  
MOSBY-ELSEVIER.2023: E37-E38
  - **Impact of Scalene Muscle Botulinum Toxin Injection With and Without Surgery in Neurogenic Thoracic Outlet Syndrome.** *Clinical journal of sport medicine : official journal of the Canadian Academy of Sport Medicine*  
Fereydooni, A., Ho, V. T., Olson, E. M., Dyrek, P., Harris, T., Kussman, A., Roh, E., Lee, J. T.  
2022

- **Preliminary Clinical Validation Results of a Deep Learning Approach for Ankle Brachial Index Prediction in Noncompressible Tibial Vessels**  
Fereydooni, A., Rao, A., Chaudhari, A., Battenfield, K., Aalami, O.  
MOSBY-ELSEVIER.2022: E85
- **Multidisciplinary extremity preservation program improves quality of life for patients with advanced limb threat.** *Annals of vascular surgery*  
Fereydooni, A., Yawary, F., Sen, S., Chou, L., Murphy, M., Dalman, R. L., Stern, J. R., Chandra, V.  
2022
- **Anatomic factors contributing to external iliac artery endofibrosis in high performance athletes.** *Annals of vascular surgery*  
Fisher, A. T., Tran, K., Dossabhoy, S. S., Sorondo, S., Fereydooni, A., Lee, J. T.  
2022
- **Embolic protection devices are not associated with improved outcomes of atherectomy for lower extremity revascularization.** *Annals of vascular surgery*  
Fereydooni, A., Bai, H., Baril, D., Chandra, V., Ochoa Char, C. I.  
2022
- **Visceral Reconstruction to Facilitate Cancer Management: Celiac, Mesenteric, Splenic, Hepatic, and Renal Artery Disease Management** *Operative Techniques in Surgery*  
Fereydooni, A., Harris, E. J.  
Wolters Kluwer.2022; 2nd
- **Impact of Scalene Muscle Botulinum Toxin Injection with and without Surgery in Neurogenic Thoracic Outlet Syndrome**  
Fereydooni, A., Ho, V. T., Olson, E., Dyrek, P., Harris, T., Kussman, A., Roh, E. Y., Lee, J. T.  
MOSBY-ELSEVIER.2021: E410
- **AutoABI: Feasibility of a Smartphone-Enabled ABI and Waveform Phasicity Prediction Model Using Machine Learning for Rapid Point-of-Care Limb Perfusion Assessment**  
Rao, A., Battenfield, K. G., Fereydooni, A., Aalami, O.  
MOSBY-ELSEVIER.2021: E182
- **Multidisciplinary Extremity Preservation Program Improves Quality of Life for Patients With Advanced Limb Threat**  
Fereydooni, A., Yawary, F., Sen, S., Chou, L., Dalman, R. L., Murphy, M., Stern, J. R., Chandra, V.  
MOSBY-ELSEVIER.2021: E41-E43
- **Embolic Protection Devices Are Not Associated With Improved Outcomes of Atherectomy for Lower Extremity Revascularization**  
Fereydooni, A., Bai, H., Baril, D., Chandra, V., Char, C.  
MOSBY-ELSEVIER.2021: E38-E39
- **Predictors Of Relief Following Botulinum Injection For Thoracic Outlet Syndrome**  
Olson, E., Dyrek, P., Fereydooni, A., Harris, T., Lee, J. T., Kussman, A., Roh, E. Y.  
LIPPINCOTT WILLIAMS & WILKINS.2021: 377
- **Predicting Return To Play In NCAA Division 1 Athletes With Neurogenic Thoracic Outlet Syndrome**  
Dyrek, P., Olson, E., Fereydooni, A., Harris, T., Kussman, A., Roh, E., Lee, J. T., Segovia, N.  
LIPPINCOTT WILLIAMS & WILKINS.2021: 390
- **Contemporary treatment of May-Thurner Syndrome.** *The Journal of cardiovascular surgery*  
Fereydooni, A., Stern, J. R.  
2021
- **Interview Experience, Postinterview Communication, and Gender-Based Differences in the Integrated Vascular Surgery Residency Match**  
Fereydooni, A., Ramirez, J. L., Morrow, K. L., Sorondo, S., Lee, J. T., Coleman, D. M., Chandra, V.  
MOSBY-ELSEVIER.2021: E46
- **Improving the Outcomes of Vein Grafts: A View from the Molecular Level** *Current Vascular Surgery, Chicago*  
Fereydooni, A., Dardik, A.  
Wildenrad Design Associates.2021: 377-400
- **Identifying enhancement-based staging markers on baseline MRI in patients with colorectal cancer liver metastases undergoing intra-arterial tumor therapy.** *European radiology*

- Ghani, M. A., Fereydooni, A., Chen, E., Letzen, B., Laage-Gaupp, F., Nezami, N., Deng, Y., Gan, G., Thakur, V., Lin, M., Papademetris, X., Scherthaner, R. E., Huber, et al  
2021
- **Factors Influencing Medical Student Choices in the Integrated Vascular Surgery Match: Implications for Future Post-pandemic Residency Matches.** *Journal of vascular surgery*  
Fereydooni, A., Ramirez, J. L., Morrow, K. L., Chandra, V., Coleman, D. M., Lee, J. T.  
2021
  - **Superselective intranidal delivery of platinum-based high-density packing coils for treatment of arteriovenous malformations.** *Journal of vascular surgery cases and innovative techniques*  
Bellamkonda, K. S., Fereydooni, A. n., Trott, K. n., Lee, Y. n., Mehra, S. n., Nassiri, N. n.  
2021; 7 (2): 230-234
  - **Interview Experience, Post-interview Communication and Gender-based Differences in the Integrated Vascular Surgery Residency Match.** *Journal of vascular surgery*  
Fereydooni, A., Ramirez, J. L., Morrow, K. L., Sorondo, S., Lee, J. T., Coleman, D. M., Chandra, V.  
2021
  - **Trends in Utilization and Outcomes of Orbital, Laser, and Excisional Atherectomy for Lower Extremity Revascularization.** *Journal of endovascular therapy : an official journal of the International Society of Endovascular Specialists*  
Bai, H., Fereydooni, A., Zhang, Y., Tonnessen, B. H., Guzman, R. J., Chaar, C. I.  
2021: 15266028211050329
  - **Comparison of Atherectomy to Balloon Angioplasty and Stenting for Isolated Femoropopliteal Revascularization.** *Annals of vascular surgery*  
Bai, H. n., Fereydooni, A. n., Zhuo, H. n., Zhang, Y. n., Tonnessen, B. n., Guzman, R. J., Ochoa Chaar, C. I.  
2020
  - **Using the epidemiology of critical limb ischemia to estimate the number of patients amenable to endovascular therapy.** *Vascular medicine (London, England)*  
Fereydooni, A. n., Gorecka, J. n., Dardik, A. n.  
2020; 25 (1): 78–87
  - **Endovascular Revascularization Incorporating Infrapopliteal Coronary Drug-Eluting Stents Improves Clinical Outcomes in Patients with Critical Limb Ischemia and Tissue Loss.** *Annals of vascular surgery*  
Huntress, L. A., Fereydooni, A. n., Dardik, A. n., Nassiri, N. n.  
2020; 63: 234–40
  - **Use of neuraxial anesthesia for hybrid lower extremity revascularization is associated with reduced perioperative morbidity.** *Journal of vascular surgery*  
Fereydooni, A. n., O'Meara, T. n., Popescu, W. M., Dardik, A. n., Ochoa Chaar, C. I.  
2020; 71 (4): 1296–1304.e7
  - **Utilization and Outcomes of Local Anesthesia and Peripheral Nerve Block for Hybrid Lower Extremity Revascularization.** *Journal of endovascular therapy : an official journal of the International Society of Endovascular Specialists*  
Fereydooni, A. n., O'Meara, T. n., Popescu, W. M., Dardik, A. n., Ochoa Chaar, C. I.  
2020; 27 (1): 94–101
  - **Transcarotid Artery Revascularization With Flow Reversal-Reply.** *JAMA surgery*  
Fereydooni, A. n., Gorecka, J. n., Dardik, A. n.  
2020
  - **Rapid increase in hybrid surgery for the treatment of peripheral artery disease in the Vascular Quality Initiative database.** *Journal of vascular surgery*  
Fereydooni, A. n., Zhou, B. n., Xu, Y. n., Deng, Y. n., Dardik, A. n., Ochoa Chaar, C. I.  
2020
  - **Evaluation and management of the lateral marginal vein in Klippel-Trénaunay and other PIK3CA-related overgrowth syndromes.** *Journal of vascular surgery. Venous and lymphatic disorders*  
Fereydooni, A. n., Nassiri, N. n.  
2020

- **Lipiodol as an Imaging Biomarker of Tumor Response After Conventional Transarterial Chemoembolization: Prospective Clinical Validation in Patients with Primary and Secondary Liver Cancer.** *Translational oncology*  
Miszczuk, M. A., Chapiro, J. n., Geschwind, J. H., Thakur, V. n., Nezami, N. n., Laage-Gaupp, F. n., Kulon, M. n., van Breugel, J. M., Fereydooni, A. n., Lin, M. n., Savic, L. J., Tegel, B. n., Wahlin, et al  
2020; 13 (3): 100742
- **Induced pluripotent stem cell-derived smooth muscle cells increase angiogenesis and accelerate diabetic wound healing.** *Regenerative medicine*  
Gorecka, J. n., Gao, X. n., Fereydooni, A. n., Dash, B. C., Luo, J. n., Lee, S. R., Taniguchi, R. n., Hsia, H. C., Qyang, Y. n., Dardik, A. n.  
2020
- **Technical and Ethical Challenges in the Care of an Independent Nonagenarian with Critical Limb Ischemia.** *Archives of Clinical and Medical Case Reports*  
Fereydooni, A., Dahl, N., Ochoa Char, C. I.  
2020; 4 (1): 130-137
- **Altered hemodynamics during arteriovenous fistula remodeling leads to reduced fistula patency in female mice** *Journal of Vascular Surgery. Vascular Science*  
Kudze, T., Ono, S., Fereydooni, A., Gonzalez, L., Isaji, T., Hu, H., Yatsula, B., Taniguchi, R., Koizumi, J., Nishibe, T., Dardik, A.  
2020: 42-56
- **Mechanochemical and surgical ablation of an anomalous upper extremity marginal vein in CLOVES syndrome identifies PIK3CA as the culprit gene mutation** *Journal of vascular surgery cases and innovative techniques*  
Lim, Y., Fereydooni, A., Brahmandam, A., Dardik, A., Choate, K., Nassiri, N.  
2020; 6 (3): 438-442
- **Distinct subsets of T-cells and macrophages impact venous remodeling during arteriovenous fistula maturation** *Journal of Vascular Surgery. Vascular Science*  
Matsubara, Y., Kiwan, G., Fereydooni, A., Langford, J., Dardik, A.  
2020; 1 (1)
- **Stem Cell Delivery Techniques for Stroke and Peripheral Artery Disease** *Stem Cell Therapy for Vascular Diseases*  
Lee, S., Fereydooni, A., Dardik, A.  
Springer Nature.2020: 69–103
- **A national post-Match webinar panel improves knowledge and preparedness of medical students interested in vascular surgery training.** *Journal of vascular surgery*  
Fereydooni, A., Ramirez, J. L., Dossabhoy, S. S., Brahmandam, A., Dardik, A., Ochoa Char, C. I.  
2019
- **Induced Pluripotent Stem Cell Derived Smooth Muscle Cells Are Superior to Mesenchymal Stem Cells at Accelerating Diabetic Wound Healing**  
Gorecka, J. R., Fereydooni, A., Luo, J., Dash, B., Isaji, T., Gonzalez, L., Lee, S., Qyang, Y., Hsia, H., Dardik, A.  
ELSEVIER SCIENCE INC.2019: S331
- **Inhibition of the Akt1-mTORC1 Axis Alters Venous Remodeling to Improve Arteriovenous Fistula Patency**  
Fereydooni, A., Guo, X., Gorecka, J., Isaji, T., Ono, S., Taniguchi, R., Nassiri, N., Dardik, A.  
MOSBY-ELSEVIER.2019: E43–E44
- **Neuraxial Anesthesia for Hybrid Lower Extremity Revascularization Is Associated With Reduced Perioperative Morbidity**  
Fereydooni, A., O'Meara, T., Popescu, W., Dardik, A., Char, C.  
MOSBY-ELSEVIER.2019: E48–E50
- **Inhibition of the Akt1-mTORC1 Axis Alters Venous Remodeling to Improve Arteriovenous Fistula Patency** *SCIENTIFIC REPORTS*  
Guo, X., Fereydooni, A., Isaji, T., Gorecka, J., Liu, S., Hu, H., Ono, S., Alozie, M., Lee, S., Taniguchi, R., Yatsula, B., Nassiri, N., Zhang, et al  
2019; 9: 11046
- **Rapid Increase in Hybrid Surgery for the Treatment of Peripheral Artery Disease in the Vascular Quality Initiative Database**  
Fereydooni, A., Zhou, B., Deng, Y., Dardik, A., Char, C.  
MOSBY-ELSEVIER.2019: E225–E227

- **Rapamycin Alters Venous Remodeling to Improve Arteriovenous Fistula Patency**  
Fereydooni, A., Guo, X., Isaji, T., Gorecka, J., Ono, S., Nassiri, N., Zhang, L., Dardik, A.  
MOSBY-ELSEVIER.2019: E265
- **Molecular Targets for Improving Arteriovenous Fistula Maturation and Patency.** *Vascular investigation and therapy*  
Gorecka, J. n., Fereydooni, A. n., Gonzalez, L. n., Lee, S. R., Liu, S. n., Ono, S. n., Xu, J. n., Liu, J. n., Taniguchi, R. n., Matsubara, Y. n., Gao, X. n., Gao, M. n., Langford, et al  
2019; 2 (2): 33–41
- **Uterine Fibroid Embolization.** *Leiomyoma*  
Izreig, S., Fereydooni, A., Nassiri, N.  
2019
- **Endovascular Aortic Aneurysm Repair in Patients with Aortoiliac Occlusive Disease.** *Vascular Access Surgery - Tips and Tricks*  
Mangum, K. D., Fereydooni, A., Nassiri, N.  
IntechOpen.2019
- **Reduced patency in left-sided arteriovenous grafts in a porcine model.** *Journal of vascular surgery*  
Liu, S. n., Wang, T. n., Wang, J. n., Isaji, T. n., Ono, S. n., Fereydooni, A. n., Taniguchi, R. n., Matsubara, Y. n., Niklason, L. E., Dardik, A. n.  
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