



Kenneth Tran, MD

Clinical Assistant Professor, Surgery - Vascular Surgery

 Curriculum Vitae available Online

CLINICAL OFFICE (PRIMARY)

- **Heart and Vascular Clinic**

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ACADEMIC CONTACT INFORMATION

- **Alternate Contact**

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Bio

BIO

Dr. Tran is a vascular surgeon in the Vascular and Endovascular Surgery Division at Stanford Health Care. He is also a clinical assistant professor in the Department of Surgery, Division of Vascular Surgery at Stanford University School of Medicine.

Dr. Tran's clinical expertise includes the entire spectrum of vascular surgery, including minimally invasive strategies for aortic aneurysm repair and multiple methods of managing peripheral vascular disease. He also specializes in treating cerebrovascular disease (problems with blood flow in the brain) using carotid angioplasty and stenting, transcarotid artery revascularization, and conventional carotid surgery. In addition, Dr. Tran offers comprehensive dialysis access management and treats venous reflux (when leg veins fail to return blood to the heart).

Dr. Tran has a special interest in minimally invasive techniques for repairing complex aortic conditions using custom stents placed inside blood vessels (endografts). He has expertise in designing, fabricating, and implanting physician-modified endografts tailor-made to each patient's unique aortic anatomy. This technique expands the ability to offer minimally invasive repair to more patients.

Dr. Tran's research efforts focus on utilizing novel computational approaches to better understand and optimize blood flow patterns after complex aortic repair. This work has helped improve the understanding of how different types of aneurysm repair perform long term. Dr. Tran hopes to use these research findings to improve clinical outcomes for patients with aortic aneurysmal disease.

Dr. Tran has published his work in numerous prestigious peer-reviewed journals, including the Journal of Vascular Surgery, JAMA Surgery, and the European Journal of Vascular and Endovascular Surgery. He has presented at the podium at numerous national and international conferences.

Dr. Tran has received multiple research awards, including the Vascular and Endovascular Surgery Society's Medtronic Resident Research Award and Best Resident Presentation at the Swiss Society for Vascular Diseases. In addition, he received the Young Researcher Prize at the European

Symposium on Vascular Biomaterials for his research related to complex aortic repair hemodynamics (blood flow). Dr. Tran also coauthored a chapter in the book *Complications in Endovascular Surgery*.

CLINICAL FOCUS

- Vascular Surgery

ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Surgery - Vascular Surgery
- Member (Postdoc), Cardiovascular Institute

HONORS AND AWARDS

- Best Resident Presentation, 21st Meeting of the Swiss Societies for Vascular Diseases
- First place, Medical Student Surgical Skills Competition (Society for Vascular Surgery Vascular Annual Meeting)
- Medtronic Resident Research Award, Vascular and Endovascular Surgery Society
- Outstanding Abstract Presentation Award, Charing Cross Symposium
- Second Place, Medical Student Paper Presentation (Introduction to Academic Vascular Surgery (IAVS))
- Second Place, Resident Skills Competition (Pacific Northwest Endovascular Conference)
- Veith LEAD Award (Best Resident Presentation), Vascular Techniques & Technology Thinktank (VAST3) Meeting
- Young Researcher Prize, European Symposium on Vascular Biomaterials

PROFESSIONAL EDUCATION

- Board Certification: Vascular Surgery, American Board of Surgery (2024)
- Residency: Stanford University Vascular Surgery Residency/Fellowship (2023) CA
- Medical Education: Stanford University School of Medicine (2016) CA
- BS, University of Virginia , Biomedical Engineering (2011)

Publications

PUBLICATIONS

- **A fenestrated, double-barrel technique for proximal reintervention after open or endovascular abdominal aortic aneurysm repair.** *Journal of vascular surgery cases and innovative techniques*
Stern, J. R., Tran, K., Dossabhoy, S. S., Sorondo, S. M., Lee, J. T.
2023; 9 (1): 101091
- **Validity of the Global Vascular Guidelines in Predicting Outcomes Based on First-Time Revascularization Strategy.** *Annals of vascular surgery*
Lou, V., Dossabhoy, S. S., Tran, K., Yawary, F., Ross, E. G., Stern, J. R., Dalman, R. L., Chandra, V.
2023
- **Most Privately Insured Patients Do Not Receive Federally Recommended Abdominal Aortic Aneurysm Screening.** *Journal of vascular surgery*
Ho, V. T., Tran, K., George, E. L., Asch, S. M., Chen, J. H., Dalman, R. L., Lee, J. T.
2023
- **Changing gears: a guide to cruising back to the operating room.** *Vascular Specialist* *Vascular Specialist*
Tran, K.
2023
- **Patient-Specific Computational Flow Simulation Reveals Significant Differences in Paravisceral Aortic Hemodynamics Between Fenestrated and Branched Endovascular Aneurysm Repair**
Tran, K., DeGlise, S., Deslarzes-Dubuis, C., Kaladji, A., Yang, W., Marsden, A., Lee, J.

MOSBY-ELSEVIER.2022: E83-E84

- **Large Fenestrations Versus Scallops for the SMA During Fenestrated EVAR: Does it Matter?** *Annals of vascular surgery*
Sorondo, S. M., Ss, D., K, T., Vt, H., Jr, S., J, L.
2022
- **Female sex is independently associated with reduced inpatient mortality after endovascular repair of blunt thoracic aortic injury.** *Journal of vascular surgery*
Ho, V. T., Sorondo, S., Forrester, J. D., George, E. L., Tran, K., Lee, J. T., Garcia-Toca, M., Stern, J. R.
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
- **Fenestrated Aortic Aneurysm Repair in Patients Treated Inside Versus Outside of Instructions for Use.** *Journal of endovascular therapy : an official journal of the International Society of Endovascular Specialists*
Stern, J. R., Deslarzes-Dubuis, C., Tran, K., Lee, J. T.
1800: 15266028211068762
- **Patient-specific changes in aortic hemodynamics is associated with thrombotic risk after fenestrated endovascular aneurysm repair with large diameter endografts.** *JVS-vascular science*
Tran, K., Feliciano, K. B., Yang, W., Schwarz, E. L., Marsden, A. L., Dalman, R. L., Lee, J. T.
2022; 3: 219-231
- **Fenestrated endovascular repair with large device diameters (34- to 36-mm) is associated with type 1 and 3 endoleak and reintervention.** *Annals of vascular surgery*
Deslarzes-Dubuis, C., Stern, J. R., Tran, K., Colvard, B., Lee, J. T.
2021
- **Reintervention Does Not Increase Long-term Mortality After Fenestrated Endovascular Aneurysm Repair**
Dossabhoy, S. S., Sorondo, S. M., Tran, K., Stern, J. R., Dalman, R. L., Lee, J. T.
MOSBY-ELSEVIER.2021: E399-E400
- **Validity of the Global Vascular Guidelines in Predicting Outcomes in a Comprehensive Wound Care Program**
Lou, V., Tran, K., Dossabhoy, S. S., Yawary, F., Ross, E. G., Stern, J. R., Lee, J. T., Harris, E., Dalman, R. L., Chandra, V.
MOSBY-ELSEVIER.2021: E405-E406
- **Intensive Blood Pressure Control and Diabetes Mellitus-Related Limb Events in Patients With Type 2 Diabetes Mellitus: Reanalysis of ACCORD.** *Journal of the American Heart Association*
Tran, K., Stedman, M., Chang, T. I.
2021: e021407
- **Unique Complications and Failure Modes of Iliac Branch Devices.** *Annals of vascular surgery*
Stern, J. R., Tran, K., Li, M., Lee, J. T.
2021
- **Bicycle Exercise Ankle-Brachial Index Recovery Time as a Novel Metric for Evaluating the Hemodynamic Significance of External Iliac Endofibrosis in Competitive Cyclists**
Tran, K., Dossabhoy, S., Sorondo, S., Lee, J. T.
MOSBY-ELSEVIER.2021: E50
- **Patient-specific computational flow modelling for assessing hemodynamic changes following fenestrated endovascular aneurysm repair.** *JVS-vascular science*
Tran, K., Yang, W., Marsden, A., Lee, J. T., Stanford, C.
2021; 2: 53-69
- **Respiratory-induced changes in renovisceral branch vessel morphology after fenestrated thoracoabdominal aneurysm repair with the BeGraft balloon-expandable covered stent.** *Journal of vascular surgery*
Tran, K., Suh, G. Y., Mouglin, J., Haulon, S., Cheng, C.
2021

- **Predictors of Sac Regression after Fenestrated Endovascular Aneurysm Repair.** *Journal of vascular surgery*
Li, M., Stern, J. R., Tran, K., Deslarzes-Dubuis, C., Lee, J. T.
2021
- **Renal stent complications and impact on renal function following standard fenestrated endovascular aneurysm repair.** *Annals of vascular surgery*
Deslarzes-Dubuis, C., Tran, K., Colvard, B. D., Lee, J. T.
2020
- **Paclitaxel exposure and long-term mortality of patients treated with the Zilver PTX drug-eluting stent.** *Vascular*
Stern, J. R., Tran, K., Chandra, V., Harris, E. J., Lee, J. T.
2020: 1708538120964371
- **Mid-Term Survival after Thoracic Endovascular Aortic Repair by Indication in the Medicare Population.** *Journal of the American College of Surgeons*
Ho, V. T., Itoga, N. K., Tran, K., Lee, J. T., Stern, J. R.
2020
- **Results of chimney endovascular aneurysm repair as used in the PERICLES Registry to treat patients with suprarenal aortic pathologies** *JOURNAL OF VASCULAR SURGERY*
Taneva, G. T., Criado, F. J., Torsello, G., Veith, F., Scali, S. T., Kubilis, P., Donas, K. P., PERICLES Collaborators
2020; 71 (5): 1521+
- **Even More Real World Data Regarding ChEVAR Continuing to Show Consistent Results.** *European journal of vascular and endovascular surgery : the official journal of the European Society for Vascular Surgery*
Tran, K., Lee, J. T.
2020
- **Long-term chimney/snorkel EVAR experience for complex abdominal aortic pathologies within the PERICLES Registry.** *Journal of vascular surgery*
Taneva, G. T., Lee, J. T., Tran, K. n., Dalman, R. n., Torsello, G. n., Fazzini, S. n., Veith, F. J., Donas, K. P.
2020
- **Ask the experts: Which device combinations work best in your hands for parallel grafting and why?** *Endovascular Today*
Woo, E., Ronchey, S., Tran, K., Lee, J.
2020
- **Thoracic Aortic Dilation Following Endovascular Repair of Blunt Traumatic Aortic Injury.** *Annals of vascular surgery*
Tran, K. n., Li, M. n., Stern, J. R., Lee, J. T.
2020
- **Comparison of mid-term graft patency in common femoral versus superficial femoral artery inflow for infra-geniculate bypass in the vascular quality initiative.** *Vascular*
Tran, K. n., Ho, V. T., Itoga, N. K., Stern, J. R.
2020: 1708538120924908
- **Innovative Technique for Below the Knee Arterial Revascularisation Using Porcine Self Made Stapled Pericardial Tube Grafts.** *EJVES vascular forum*
Cote, E., Trunfio, R., Deslarzes-Dubuis, C., Tran, K., Corpataux, J., Deglise, S.
2020; 48: 23–26
- **Quantification of suprarenal aortic neck dilation after fenestrated endovascular aneurysm repair.** *Journal of vascular surgery*
Tran, K. n., Deslarzes-Dubuis, C. n., Lee, J. T.
2020
- **Multivessel tibial revascularization does not improve outcomes in patients with critical limb ischemia.** *Journal of vascular surgery*
Lavingia, K. S., Tran, K., Dua, A., Itoga, N., Deslarzes-Dubuis, C., Mell, M., Chandra, V.
2019
- **Duplex ultrasound surveillance of renal branch grafts after fenestrated endovascular aneurysm repair.** *Journal of vascular surgery*
Tran, K., Mcfarland, G., Sgroi, M., Lee, J. T.

2019

- **Use of Bare Metal Chimney Stents in the Treatment of Juxtarenal Aortic Aneurysms: "Do Not Praise the Day Before Evening"** *JOURNAL OF ENDOVASCULAR THERAPY*
Donas, K. P., Taneva, G. T., Li, Y., Tran, K., Torsello, G.
2019; 26 (3): 359–60
- **Infrarenal endovascular aneurysm repair with large device (34- to 36-mm) diameters is associated with higher risk of proximal fixation failure.** *Journal of vascular surgery*
McFarland, G., Tran, K., Virgin-Downey, W., Sgroi, M. D., Chandra, V., Mell, M. W., Harris, E. J., Dalman, R. L., Lee, J. T.
2019; 69 (2): 385–93
- **Complex endovascular aneurysm repair is associated with higher perioperative mortality but not late mortality compared with infrarenal endovascular aneurysm repair among octogenarians** *JOURNAL OF VASCULAR SURGERY*
Tran, K., Lee, A. M., McFarland, G. E., Sgroi, M. D., Lee, J. T.
2019; 69 (2): 327–33
- **Preprocedural Cross-Sectional Imaging Prior to Percutaneous Peripheral Arterial Disease Interventions.** *Vascular and endovascular surgery*
Itoga, N. K., Ho, V. T., Tran, K. n., Chandra, V. n., Dalman, R. L., Harris, E. J., Lee, J. T., Mell, M. W.
2019: 1538574419887585
- **Climbing-Related Injury Among Adults in the United States: 5-Year Analysis of the National Emergency Department Sample.** *Wilderness & environmental medicine*
Forrester, J. D., Tran, K., Tennakoon, L., Staudenmayer, K.
2018
- **Identification of optimal device combinations for the chimney endovascular aneurysm repair technique within the PERICLES registry** *JOURNAL OF VASCULAR SURGERY*
Scali, S. T., Beck, A. W., Torsello, G., Lachat, M., Kubilis, P., Veith, F. J., Lee, J. T., Donas, K. P., PERICLES Investigators
2018; 68 (1): 24–35
- **Septic Pulmonary Emboli From Peripheral Suppurative Thrombophlebitis: A Case Report and Literature Review.** *Vascular and endovascular surgery*
Ho, V. T., Rothenberg, K. A., McFarland, G., Tran, K., Aalami, O. O.
2018: 1538574418779469
- **Gender-Related Differences in Iliofemoral Arterial Anatomy among Abdominal Aortic Aneurysm Patients.** *Annals of vascular surgery*
Tran, K., Dorsey, C., Lee, J. T., Chandra, V.
2017
- **Change in Aortic Neck Diameter after Endovascular Aortic Aneurysm Repair.** *Annals of vascular surgery*
Kret, M. R., Tran, K., Lee, J. T.
2017
- **Natural history of gutter-related type Ia endoleaks after snorkel/chimney endovascular aneurysm repair.** *Journal of vascular surgery*
Ullery, B. W., Tran, K., Itoga, N. K., Dalman, R. L., Lee, J. T.
2017
- **Classification of Chimney EVAR-Related Endoleaks: Insights From the PERICLES Registry** *JOURNAL OF ENDOVASCULAR THERAPY*
Donas, K. P., Criado, F. J., Torsello, G., Veith, F. J., Minion, D. J., PERICLES Registry Collaborators
2017; 24 (1): 72-74
- **Polar orientation of renal grafts within the proximal seal zone affects risk of early type Ia endoleaks after chimney endovascular aneurysm repair.** *Journal of vascular surgery*
Tran, K. n., Ullery, B. W., Itoga, N. n., Lee, J. T.
2017
- **Management and outcomes of symptomatic abdominal aortic aneurysms during the past 20 years** *National Library of Medicine*
Chandra, V., Trang, K., Virgin-Downey, W., Tran, K., Harris, E. J., Dalman, R. L., Lee, J. T., Mell, M. W.
2017

- **Incidence and prognostic factors related to major adverse cerebrovascular events in patients with complex aortic diseases treated by the chimney technique.** *Journal of vascular surgery*
Bosiers, M. J., Tran, K. n., Lee, J. T., Donas, K. P., Veith, F. J., Torsello, G. n., Pecoraro, F. n., Stavroulakis, K. n.
2017
- **Real-World Performance of Paclitaxel Drug-Eluting Bare Metal Stenting (Zilver PTX) for the Treatment of Femoropopliteal Occlusive Disease.** *Annals of vascular surgery*
Tran, K., Ullery, B. W., Kret, M. R., Lee, J. T.
2016
- **Renal function changes after fenestrated endovascular aneurysm repair** *JOURNAL OF VASCULAR SURGERY*
Kenneth Tran, K., Fajardo, A., Ullery, B. W., Goltz, C., Lee, J. T.
2016; 64 (2): 273-280
- **Sustained Late Branch Patency and Low Incidence of Persistent Type Ia Endoleaks Following Snorkel/chimney EVAR Shown in the Updated PERICLES Registry**
Lee, J. T., Pecoraro, F., Dalman, R. L., Tran, K., Torsello, G., Veith, F. J., Lachat, M., Donas, K. P.
MOSBY-ELSEVIER.2016: 145S
- **Snorkel/Chimney Stent Morphology Predicts Renal Dysfunction after Complex Endovascular Aneurysm Repair** *ANNALS OF VASCULAR SURGERY*
Tran, K., Ullery, B. W., Lee, J. T.
2016; 30: 1-11
- **Use of a proactive duplex ultrasound protocol for hemodialysis access.** *J Vasc Surg*
Itoga, N., Ullery, B., Tran, K.
2016
- **Collected World Experience About the Performance of the Snorkel/Chimney Endovascular Technique in the Treatment of Complex Aortic Pathologies The PERICLES Registry** *ANNALS OF SURGERY*
Donas, K. P., Lee, J. T., Lachat, M., Torsello, G., Veith, F. J.
2015; 262 (3): 546-553
- **Safety and efficacy of antiplatelet/anticoagulation regimens after Viabahn stent graft treatment for femoropopliteal occlusive disease.** *Journal of vascular surgery*
Ullery, B. W., Tran, K., Itoga, N., Casey, K., Dalman, R. L., Lee, J. T.
2015; 61 (6): 1479-1488
- **Renal function changes after snorkel/chimney repair of juxtarenal aneurysms.** *Journal of vascular surgery*
Lee, J. T., Varu, V. N., Tran, K., Dalman, R. L.
2014; 60 (3): 563-570
- **Construction of an Inexpensive, Hand-Held Fundus Camera through Modification of a Consumer "Point-and-Shoot" Camera** *INVESTIGATIVE OPHTHALMOLOGY & VISUAL SCIENCE*
Tran, K., Mendel, T. A., Holbrook, K. L., Yates, P. A.
2012; 53 (12): 7600-7607