Stanford



Amelia Claire Watkins, MD

Clinical Assistant Professor, Cardiothoracic Surgery

CLINICAL OFFICE (PRIMARY)

- **Dept of Cardiothoracic Surgery**

  300 Pasteur Dr

  Falk Bldg CVRB

  Stanford, CA 94305

  Tel (650) 724-7500 **Fax** (650) 736-0901

ACADEMIC CONTACT INFORMATION

- **Administrative Contact**

  Alyssa Barquin - Administrative Associate

  Email abarquin@stanford.edu

  Tel (650) 725-4497

Bio

CLINICAL FOCUS

- Endovascular Aortic Repair
- Transcatheter Aortic Valve Replacement
- Heart valve surgery
- Coronary Artery Bypass Grafting
- Aortic Aneurysm and Dissection Repair
- Clinical Research in Cardiac Surgery
- Device development for cardiac surgery
- Thoracic and Cardiac Surgery

ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Cardiothoracic Surgery
- Member, Cardiovascular Institute

PROFESSIONAL EDUCATION

- Board Certification: Thoracic and Cardiac Surgery, American Board of Thoracic Surgery (2018)
- Residency: University of Maryland Medical Center (2017) MD
- Residency: University of Maryland Medical Center (2013) MD
- Fellowship: L'Hopital Marie Lannelongue (2018) France
- Fellowship: Auckland City Hospital 2 (2017) New Zealand
- Residency, University of Maryland School of Medicine , Integrated 6 Year Cardiothoracic Surgery Residency (2017)
- Medical Education: University of Tennessee College of Medicine (2009) TN

LINKS

- Stanford Adult Cardiac Services: http://med.stanford.edu/ctsurgery/clinical-care/adult-cardiac-surgery-services.html
- Make an Appointment: http://med.stanford.edu/ctsurgery/contact-us.html#division-of-adult-cardiac-surgery
- Get a Second Opinion: https://stanfordhealthcare.org/second-opinion/overview.html
- Follow us on Twitter: https://twitter.com/StanfordCTSurg

Research & Scholarship

CLINICAL TRIALS

- Evaluation of the GORE® EXCLUDER® Thoracoabdominal Branch Endoprosthesis in the Treatment of the Thoracoabdominal and Pararenal Aortic Aneurysms (TAMBE), Not Recruiting
- Shockwave Medical Peripheral Lithoplasty System Study for PAD (Disrupt PAD III), Not Recruiting
- Study of the RelayPro Thoracic Stent-Graft in Subjects With an Acute, Complicated Type B Aortic Dissection, Not Recruiting
- Evaluation of the GORE® Ascending Stent Graft, Not Specified
- GORE® Ascending Stent Graft in the Treatment of De Novo Type A Aortic Dissections, Not Specified
- NEXUS Aortic Arch Clinical Study to Evaluate Safety and Effectiveness, Not Specified
- PERSEVERE- a Trial to Evaluate AMDS in Acute DeBakey Type I Dissection, Not Specified

Publications

PUBLICATIONS

- **Management of a Chronically Infolded Self-Expanding Aortic Valve.** *JACC. Case reports*
  Hu, S., Amponsah, D., Malik, S., Nguyen, P., Mantri, N., Elorbany, R., Watkins, A. C., Lin, Y., Kang, G.
  2026: 107362

- **Underrepresented in Medicine Trainees' Sense of Belonging and Professional Identity Formation after Participation in the Leadership Education in Advancing Diversity Program.** *Academic pediatrics*
  Yemane, L., Powell, C., Edwards, J., Shumba, T., Alvarez, A., Bandstra, B., Brooks, M., Brown-Johnson, C., Caceres, W., Dunn, T., Johnson, C., Perez, F. D., Reece-Nguyen, et al
  2024

- **Shaggy Aorta: How Much Thrombus Is Too Much?** *ANNALS OF THORACIC SURGERY*
  Watkins, A.
  2023; 116 (3): 457-458

- **One-Stage, Hybrid Aortic Repair for a Migrated, Thrombosed, Floating Aortic Stent Graft.** *Annals of thoracic surgery short reports*
  Watkins, A. C., Eyuboglu, M., Yasin, A., MacArthur, J. W.
  2023; 1 (1): 18-21

- **Thoracic Endovascular Aortic Repair for Chronic Type B Aortic Dissection: Pre- and Postprocedural Imaging.** *Radiographics : a review publication of the Radiological Society of North America, Inc*
  Shen, J., Mastrodicasa, D., Al Bulushi, Y., Lin, M. C., Tse, J. R., Watkins, A. C., Lee, J. T., Fleischmann, D.
  2022; 42 (6): 1638-1653

- **Career Progression and Research Productivity of Women in Academic Cardiothoracic Surgery.** *The Annals of thoracic surgery*
  Williams, K. M., Wang, H., Bajaj, S. S., Hironaka, C. E., Kasinpila, P., O'Donnell, C. T., Sanchez, M., Watkins, A. C., Lui, N. S., Backhus, L. M., Boyd, J.
  2022

- **60 Years After the First Woman Cardiac Surgeon: We Still Need More Women in Cardiac Surgery.** *CJC open*
  Gao, S. W., Forcillo, J., Watkins, A. C., Antonoff, M. B., Luc, J. G., Chung, J. C., Ritchie, L., Eikelboom, R., Shashidharan, S., Maruyama, M., Whitlock, R. P., Ouzounian, M., Belley-Cote, et al
  1800; 3 (12 Suppl): S89-S94

- **CTA pulmonary artery enlargement in patients with severe aortic stenosis: Prognostic impact after TAVR.** *Journal of cardiovascular computed tomography*
  Turner, V. L., Jubran, A., Kim, J. B., Maret, E., Moneghetti, K. J., Haddad, F., Amsallem, M., Codari, M., Hinostroza, V., Mastrodicasa, D., Sailer, A. M., Kobayashi, Y., Nishi, et al
  2021

- **Complex combination of femoropopliteal occlusive disease and arteriovenous fistula treated using color-coded digital subtraction angiography.** *Journal of vascular surgery cases and innovative techniques*
  Iwakoshi, S., Konishi, K., Inoue, T., Watkins, A. C., Ichihashi, S., Kichikawa, K.
  2019; 5 (3): 264–68

- **Aortic treatment in connective tissue disease** *JOURNAL OF CARDIOVASCULAR SURGERY*
  Tinelli, G., Ferraresi, M., Watkins, A. C., Hertault, A., Soler, R., Azzaoui, R., Fabre, D., Sobocinski, J., Haulon, S.
  2019; 60 (4): 518–25

- **Conformability and Efficacy of the Zenith Spiral Z Leg Compared with the Zenith Flex Leg in Endovascular Abdominal Aortic Aneurysm Repair** *ANNALS OF VASCULAR SURGERY*
  Iwakoshi, S., Nakai, T., Ichihashi, S., Inoue, T., Sakaguchi, S., Hirose, T., Tabayashi, N., Watkins, A., Kichikawa, K.
  2019; 59: 127–33

- **Renal Stent Migration Following TEVAR for Complicated Type B Aortic Dissection** *VASCULAR AND ENDOVASCULAR SURGERY*
  Iwakoshi, S., Sakaguchi, S., Kakii, B., Yoshida, T., Watkins, A., Inoue, T., Ichihashi, S., Kichikawa, K.
  2019; 53 (5): 433–36

- **Hybrid treatment of a giant thoracic aneurysm in a 38 year-old woman** *JOURNAL OF VASCULAR SURGERY*
  Soler, R. J., Fabre, D., Watkins, A., Fadel, E., Mercier, O., Haulon, S.
  2019; 69 (5): 1591–95

- **Renal Stent Migration Following TEVAR for Complicated Type B Aortic Dissection.** *Vascular and endovascular surgery*
  Iwakoshi, S., Sakaguchi, S., Kakii, B., Yoshida, T., Watkins, A. C., Inoue, T., Ichihashi, S., Kichikawa, K.
  2019: 1538574419844858

- **Endovascular Treatment of Post Type A Chronic Aortic Arch Dissection With a Branched Endograft: Early Results From a Retrospective International Multicenter Study.** *Annals of surgery*
  Verscheure, D., Haulon, S., Tsilimparis, N., Resch, T., Wanhainen, A., Mani, K., Dias, N., Sobocinski, J., Eagleton, M., Ferreira, M., Schurink, G. W., Modarai, B., Abisi, et al
  2019

- **Endovascular Neck Stabilization Before EVAR for Infrarenal Aortic Aneurysm in Chronic Aortic Dissection.** *Cardiovascular and interventional radiology*
  Ogawa, Y. n., Nishimaki, H. n., Iraha, T. n., Itoga, N. K., Chiba, K. n., Kotoku, A. n., Maruhashi, T. n., Mimura, H. n., Watkins, A. C., Miyairi, T. n.
  2019

- **Conformability and Efficacy of the Zenith Spiral Z Leg Compared with the Zenith Flex Leg in Endovascular Aortic Aneurysm Repair.** *Annals of vascular surgery*
  Iwakoshi, S. n., Nakai, T. n., Ichihashi, S. n., Inoue, T. n., Sakaguchi, S. n., Hirose, T. n., Tabayashi, N. n., Watkins, A. C., Kichikawa, K. n.
  2019

- **Hybrid treatment of a giant thoracic aneurysm in a 38 year-old woman.** *Journal of vascular surgery*
  Soler, R. J., Fabre, D., Watkins, A. C., Fadel, E., Mercier, O., Haulon, S.
  2018

- **Aortic treatment in connective tissue disease.** *The Journal of cardiovascular surgery*
  Tinelli, G. n., Ferraresi, M. n., Watkins, A. C., Hertault, A. n., Soler, R. n., Azzaoui, R. n., Fabre, D. n., Sobocinski, J. n., Haulon, S. n.
  2018

- **Combinatorial release of dexamethasone and amiodarone from a nano-structured parylene-C film to reduce perioperative inflammation and atrial fibrillation** *NANOSCALE*
  Robinson, E., Kaushal, S., Alaboson, J., Sharma, S., Belagodu, A., Watkins, C., Walker, B., Webster, G., McCarthy, P., Ho, D.
  2016; 8 (7): 4267-4275

- **Effects of Cardiopulmonary Support With a Novel Pediatric Pump-Lung in a 30-Day Ovine Animal Model** *ARTIFICIAL ORGANS*
  Liu, Y., Sanchez, P. G., Wei, X., Watkins, A. C., Niu, S., Wu, Z. J., Griffith, B. P.
  2015; 39 (12): 989-997
- **Mechanical Circulatory Support of a Univentricular Fontan Circulation with a Continuous Axial-Flow Pump in a Piglet Model** *ASAIO JOURNAL*
  Wei, X., Sanchez, P. G., Liu, Y., Li, T., Watkins, A. C., Wu, Z. J., Griffith, B. P.
  2015; 61 (2): 196-201
- **Right ventricular unloading and respiratory support with a wearable artificial pump-lung in an ovine model** *JOURNAL OF HEART AND LUNG TRANSPLANTATION*
  Liu, Y., Sanchez, P. G., Wei, X., Li, T., Watkins, A. C., Li, S., Griffith, B. P., Wu, Z. J.
  2014; 33 (8): 857-863
- **Reoperative Lung Transplantation for Donor-Derived Pulmonary Mucormycosis** *ANNALS OF THORACIC SURGERY*
  Rajagopal, K., Watkins, A. C., Gibber, M., Kon, Z. N., Sanchez, P. G., Iacono, A. T., Griffith, B. P.
  2014; 98 (1): 327-329
- **Prospective Assessment of the CryoMaze Procedure With Continuous Outpatient Telemetry in 136 Patients** *ANNALS OF THORACIC SURGERY*
  Watkins, A. C., Young, C. A., Ghoreishi, M., Shorofsky, S. R., Gabre, J., Dawood, M. Y., Griffith, B. P., Gammie, J. S.
  2014; 97 (4): 1191-1198
- **Prophylactic amiodarone and lidocaine improve survival in an ovine model of large size myocardial infarction** *JOURNAL OF SURGICAL RESEARCH*
  Li, T., Wei, X., Watkins, A. C., Sanchez, P. G., Wu, Z. J., Griffith, B. P.
  2013; 185 (1): 152-158
- **The use of lung donors older than 55 years: a review of the United Network of Organ Sharing database.** *journal of heart and lung transplantation*
  Bittle, G. J., Sanchez, P. G., Kon, Z. N., Claire Watkins, A., Rajagopal, K., Pierson, R. N., Gammie, J. S., Griffith, B. P.
  2013; 32 (8): 760-768
- **Pre-clinical evaluation of the infant Jarvik 2000 heart in a neonate piglet model** *JOURNAL OF HEART AND LUNG TRANSPLANTATION*
  Wei, X., Li, T., Li, S., Son, H. S., Sanchez, P., Niu, S., Watkins, A. C., DeFilippi, C., Jarvik, R., Wu, Z. J., Griffith, B. P.
  2013; 32 (1): 112-119
- **Initial experience with a juvenile sheep model for evaluation of the pediatric intracorporeal ventricular assist devices [corrected].** *ASAIO journal*
  Wei, X., Li, T., Sanchez, P. G., Watkins, A., Li, S., DeFilippi, C., Wu, Z. J., Griffith, B. P.
  2013; 59 (1): 75-80
- **Serum antipneumococcal antibodies and pneumococcal colonization in adults with chronic obstructive pulmonary disease** *JOURNAL OF INFECTIOUS DISEASES*
  Malley, R., Lipsitch, M., Bogaert, D., Thompson, C. M., Hermans, P., Watkins, A. C., Sethi, S., Murphy, T. F.
  2007; 196 (6): 928-935
- **Antibody-independent, interleukin-17A-mediated, cross-serotype immunity to pneumococci in mice immunized intranasally with the cell wall polysaccharide** *INFECTION AND IMMUNITY*
  Malley, R., Srivastava, A., Lipsitch, M., Thompson, C. M., Watkins, C., Tzianabos, A., ANDERSON, P. W.
  2006; 74 (4): 2187-2195
- **The apoptotic response to pneumolysin is toll-like receptor 4 dependent and protects against pneumococcal disease** *INFECTION AND IMMUNITY*
  Srivastava, A., Henneke, P., Visintin, A., Morse, S. C., Martin, V., Watkins, C., Paton, J. C., Wessels, M. R., Golenbock, D. T., Malley, R.
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