



Koji Kawago

Postdoctoral Scholar, Cardiothoracic Surgery

Bio

BIO

As a cardiac surgeon with over 10 years of experience in Japan, I have had the privilege of serving patients and advancing the field of cardiac surgery through my clinical practice. However, my passion for pushing the boundaries of knowledge and improving patient care has led me to pursue a new phase in my career as a researcher. Currently, I am training as a Postdoctoral Scholar at Stanford University, where I am dedicated to conducting cutting-edge research in the field of cardiac surgery.

My journey as a cardiac surgeon began with my medical education and training in Japan, where I honed my surgical skills and gained valuable clinical experience. Over the years, I have been fortunate to work in prestigious cardiac surgery centers, where I have performed a wide range of complex cardiac procedures and gained expertise in managing diverse cardiac conditions. Through my clinical practice, I have witnessed the impact of surgical interventions on patients' lives, and I am driven to further advance the field of cardiac surgery to improve patient outcomes.

As a researcher, I am currently pursuing a Postdoctoral Scholar position at Stanford University, where I am working on innovative research projects in the field of cardiac surgery. I am actively involved in designing and executing experiments, analyzing data, and publishing research findings in reputable scientific journals. I am also collaborating with a multidisciplinary team of experts to explore new surgical techniques, technologies, and interventions to optimize patient care in the field of cardiac surgery.

My training at Stanford University has provided me with invaluable opportunities to enhance my research skills, broaden my scientific knowledge, and establish collaborations with renowned researchers and clinicians in the field of cardiac surgery. I am dedicated to making meaningful contributions to the advancement of cardiac surgery through my research efforts and translating scientific findings into clinical practice to improve patient care.

I am deeply committed to my career as a cardiac surgeon and researcher, and I am passionate about pushing the boundaries of knowledge, advancing surgical techniques, and improving patient outcomes in the field of cardiac surgery. My extensive clinical experience combined with my postdoctoral research training at Stanford University has equipped me with a unique skill set and perspective to contribute to the field of cardiac surgery as a researcher and clinician. I am excited about the opportunities ahead and committed to making a positive impact in the field of cardiac surgery through my ongoing research and clinical practice.

HONORS AND AWARDS

- Best Paper Award, 2nd Department of Surgery, University of Yamanashi, Yamanashi, Japan (2021)
- Postdoctoral Scholarship, Yamanashi Prefecture, Yamanashi, Japan (2022)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Board Certified Member of The Japanese Circulation Society, Japanese Circulation Society (2023 - present)
- ACLS provider, American Heart Association (2022 - present)
- BSL provider, American Heart Association (2021 - present)
- Board Certified Fellow of Kampo medicine, Japan Society for Oriental Medicine (2020 - present)
- Board Certified Fellow: Vascular Specialist, Japanese College of Angiology (2020 - present)
- Board Certified Cardiovascular Surgeon, Japanese Society for Cardiovascular Surgery (2019 - present)
- Board Certified Surgeon, Japan Surgical Society (2014 - present)

PROFESSIONAL EDUCATION

- Doctor of Philosophy, Tokyo Medical College (2019)
- Doctor of Medicine, Yamanashi University (2008)
- Postdoctoral Scholar, Stanford University , Cardiovascular Surgery (2022)
- Residency, University of Yamanashi Hospital (2010)

STANFORD ADVISORS

- Joseph Woo, Postdoctoral Faculty Sponsor

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

We propose a unique perfusion solution for Donation after Brain Death (DBD) and Donation After Cardiac Death (DCD) heart grafts. We will investigate the optimal timing and frequency of administration after retrieving the cardiac graft and achieve preclinical proof-of-concept of this perfusion solution for DBD and DCD cardiac graft using a heterotopic heart transplantation model.

LAB AFFILIATIONS

- Yasuhiro Shudo, Shudo Lab (5/1/2022)

Publications

PUBLICATIONS

- **Amiodarone Provides Long-Lasting Local Anesthesia and Analgesia in Open-State Mouse Nociceptors.** *Frontiers in pharmacology*
Kotoda, M., Matsuoka, T., Wada, K., Jayakar, S., Ino, H., Kawago, K., Kumakura, Y.
2022; 13: 872477
- **[Two-debranching Thoracic Endovascular Aortic Repair for Thoracic Aortic Aneurysm Complicated by Idiopathic Thrombocytopenic Purpura; Report of a Case].** *Kyobu geka. The Japanese journal of thoracic surgery*
Sakakibara, K., Nakajima, H., Yoshida, Y., Shiraiwa, S., Kawago, K., Honda, Y., Kaga, S., Suzuki, S.
2020; 73 (12): 1027-1031
- **Pitfalls of Retrograde Cardioplegia Cannulation: Left Atrium Dissection** *ANNALS OF THORACIC SURGERY*
Kawago, K., Yoshida, Y., Shiraiwa, S., Honda, Y., Sakakibara, K., Kaga, S., Nakajima, H.
2020; 110 (5): E381-E384
- **Impact of preservation of the latissimus dorsi muscle through a left anteroaxillary thoracotomy on spinal cord protection in descending thoracic and thoraco-abdominal aortic operations** *EUROPEAN JOURNAL OF CARDIO-THORACIC SURGERY*
Fujiyoshi, T., Nishibe, T., Koizumi, N., Kano, M., Suzuki, S., Iwahori, A., Maruno, K., Kawago, K., Takahashi, S., Iwahashi, T., Kamiya, K., Ogino, H.
2019; 56 (2): 321-327

- **Clinical and Morphological Outcomes in Endovascular Aortic Repair of Abdominal Aortic Aneurysm Using GORE C3 EXCLUDER: Comparison between Patients Treated within and Outside Instructions for Use** *ANNALS OF VASCULAR SURGERY*
Nishibe, T., Iwahashi, T., Kamiya, K., Kano, M., Maruno, K., Fujiyoshi, T., Iwahori, A., Suzuki, S., Kawago, K., Takahashi, S., Ogino, H., Koizumi, J., Dardik, et al
2019; 59: 54-62
- **Four-year experience with the Endurant stent-graft for abdominal aortic and common iliac artery aneurysms in 50 consecutive Japanese patients** *INTERNATIONAL ANGIOLOGY*
Nishibe, T., Iwahashi, T., Kamiya, K., Takahashi, S., Kawago, K., Maruno, K., Fujiyoshi, T., Iwahori, A., Suzuki, S., Koizumi, N., Koizumi, J., Ogino, H.
2019; 38 (2): 108-114
- **A Double-Blind Randomized Controlled Trial to Determine the Preventive Effect of Hangekobokuto on Aspiration Pneumonia in Patients Undergoing Cardiovascular Surgery** *ANNALS OF THORACIC AND CARDIOVASCULAR SURGERY*
Kawago, K., Nishibe, T., Shindo, S., Inoue, H., Motohashi, S., Akasaka, J., Ogino, H.
2019; 25 (6): 318-325
- **The Effect of Hachimi-Jio-Gan (Ba-Wei-Di-Huang-Wan) on the Quality of Life in Patients with Peripheral Arterial Disease - A Prospective Study Using Kampo Medicine.** *Annals of vascular diseases*
Kawago, K., Shindo, S., Inoue, H., Akasaka, J., Motohashi, S., Urabe, G., Sato, M., Uchiyama, H., Ogino, H.
2016; 9 (4): 289-294