



Patpilai Kasinpila

Clinical Assistant Professor, Cardiothoracic Surgery

CLINICAL OFFICE (PRIMARY)

- **Thoracic Surgery**

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Bio

BIO

Chief, Division of Cardiothoracic Surgery – Santa Clara Valley Medical Center

Clinical Assistant Professor – Stanford University School of Medicine

Dr. Kasinpila is a board-certified cardiothoracic surgeon. She completed her integrated residency in cardiothoracic surgery at Stanford. She currently serves as Division Chief of Cardiothoracic Surgery at Santa Clara Valley Medical Center and as a Clinical Assistant Professor at Stanford. Her practice spans the full spectrum of adult cardiothoracic surgery, with particular interests in complex valve surgery, aortic surgery, and surgical care for underserved populations.

She is committed to providing collaborative, evidence-based care to improve cardiovascular outcomes in the community.

CLINICAL FOCUS

- Adult Cardiac Surgery
- Thoracic and Cardiac Surgery

ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Cardiothoracic Surgery

PROFESSIONAL EDUCATION

- Board Certification: Thoracic and Cardiac Surgery, American Board of Thoracic Surgery (2025)
- Residency: Stanford University Dept of Cardiothoracic Surgery (2023) CA
- Medical Education: University of Florida College of Medicine (2015) FL

Publications

PUBLICATIONS

- **Case report: Heart retransplant from a donor after circulatory death and extended transport period with normothermic perfusion.** *Frontiers in cardiovascular medicine*
Kasinpila, P., Ruaengsri, C., Koyano, T., Shudo, Y.
2023; 10: 1212886
- **First-in-human beating-heart transplant.** *JTCVS techniques*
Krishnan, A., Kasinpila, P., Wang, H., Ruaengsri, C., Shudo, Y., Jackson, E., Woo, Y. J.
2023; 19: 80-85
- **Heart transplantation with concomitant reoperative total aortic arch replacement in a patient with end-stage heart failure and chronic aortic arch dissection.** *JTCVS techniques*
Kasinpila, P., Krishnam, M., Woo, Y. J.
2022; 15: 144-146
- **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
- **Patient-Specific Computational Fluid Dynamics Reveal Localized Flow Patterns Predictive of Post-Left Ventricular Assist Device Aortic Incompetence.** *Circulation. Heart failure*
Shad, R., Kaiser, A. D., Kong, S., Fong, R., Quach, N., Bowles, C., Kasinpila, P., Shudo, Y., Teuteberg, J., Woo, Y. J., Marsden, A. L., Hiesinger, W.
2021: CIRCHEARTFAILURE120008034
- **Computational fluid dynamics simulations to predict false lumen enlargement after surgical repair of Type-A aortic dissection.** *Seminars in thoracic and cardiovascular surgery*
Shad, R., Kong, S., Fong, R., Quach, N., Kasinpila, P., Bowles, C., Lee, A., Hiesinger, W.
2021
- **Extracorporeal Membrane Oxygenation Bridge to Heart-Lung Transplantation.** *ASAIO journal (American Society for Artificial Internal Organs : 1992)*
Shudo, Y., Elde, S., Lingala, B., He, H., Casselman, K. G., Zhu, Y., Kasinpila, P., Woo, Y. J.
2021
- **Long-term survival in patients with post-LVAD right ventricular failure: multi-state modelling with competing outcomes of heart transplant.** *The Journal of heart and lung transplantation : the official publication of the International Society for Heart Transplantation*
Shad, R., Fong, R., Quach, N., Bowles, C., Kasinpila, P., Li, M., Callon, K., Castro, M., Guha, A., Suarez, E. E., Lee, S., Jovinge, S., Boeve, et al
2021
- **Resection of a Giant Epithelioid Hemangioendothelioma Arising from the Superior Vena Cava.** *The Annals of thoracic surgery*
Elliott, I. A., Kasinpila, P., Guenthart, B. A., MacArthur, J. W., Berry, M. F.
2021
- **Predicting post-operative right ventricular failure using video-based deep learning.** *Nature communications*
Shad, R., Quach, N., Fong, R., Kasinpila, P., Bowles, C., Castro, M., Guha, A., Suarez, E. E., Jovinge, S., Lee, S., Boeve, T., Amsallem, M., Tang, et al
2021; 12 (1): 5192
- **Use of patient-specific computational models for optimization of aortic insufficiency after implantation of left ventricular assist device.** *The Journal of thoracic and cardiovascular surgery*
Kasinpila, P. n., Kong, S. n., Fong, R. n., Shad, R. n., Kaiser, A. D., Marsden, A. L., Woo, Y. J., Hiesinger, W. n.
2020
- **Modeling conduit choice for valve-sparing aortic root replacement on biomechanics with a 3-dimensional-printed heart simulator** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*
Paulsen, M. J., Kasinpila, P., Imbrie-Moore, A. M., Wang, H., Hironaka, C. E., Koyano, T. K., Fong, R., Chiu, P., Goldstone, A. B., Steele, A. N., Stapleton, L. M., Ma, M., Woo, et al

2019; 158 (2): 392–403

- **Modeling conduit choice for valve-sparing aortic root replacement on biomechanics with a 3-dimensional-printed heart simulator.** *The Journal of thoracic and cardiovascular surgery*
Paulsen, M. J., Kasinpila, P., Imbrie-Moore, A. M., Wang, H., Hironaka, C. E., Koyano, T. K., Fong, R., Chiu, P., Goldstone, A. B., Steele, A. N., Stapleton, L. M., Ma, M., Woo, et al
2018
- **Heart-lung transplantation over the past 10 years: an up-to-date concept.** *European journal of cardio-thoracic surgery : official journal of the European Association for Cardio-thoracic Surgery*
Shudo, Y., Kasinpila, P., Lingala, B., Kim, F. Y., Woo, Y. J.
2018
- **To repair or to replace: four decades in the making** *ANNALS OF TRANSLATIONAL MEDICINE*
Kasinpila, P., Woo, Y.
2018; 6 (7)
- **To repair or to replace: four decades in the making.** *Annals of translational medicine*
Kasinpila, P., Woo, Y. J.
2018; 6 (7): 125
- **Ambulating femoral venoarterial extracorporeal membrane oxygenation bridge to heart-lung transplant.** *The Journal of thoracic and cardiovascular surgery*
Shudo, Y., Kasinpila, P., Lee, A. M., Rao, V. K., Woo, Y. J.
2018