Stanford

Mary Sheridan Bilbao, MPAS, PA-C

Professional Overview

BIO

Mary Sheridan Bilbao, MPAS, PA-C, FAPACVS, is an accomplished advanced practice provider specializing in Cardiothoracic Surgery. She earned both her Undergraduate degree and Masters of Physician Assistant Studies at Marywood University. With extensive experience in cardiothoracic surgery, Mary became an integral part of our team in 2014.

Her expertise spans both in-patient and outpatient care, where she actively participates in surgical procedures and contributes to various studies and laboratory research. Mary's proficiency extends to open and endoscopic vein harvesting, radial artery harvesting, valve replacements, minimally invasive aortic and mitral valve repair/replacements, ascending aorta/aortic dissection/aortic arch repair/replacements, redo surgeries, coronary artery bypass grafting (off and on-pump), robotic-assisted minimally invasive coronary artery bypass grafting, minimally invasive myocardial bridge unroofing, heart/lung transplants, VADs, and ECMO.

Beyond her clinical duties, Mary plays a crucial role in training new PAs, NPs, APP fellows, residents, and medical students in various surgical skills. In the clinic, she performs history & physicals, pre-op evaluations, orders/interprets studies & labs, and coordinates in-patient and out-patient care.

Since January 2015, Mary has been the driving force behind the Stanford Department of Cardiothoracic Surgery's Human Biorepository Tissue Bank. This initiative has amassed over 1,000 human cardiothoracic tissue samples, fostering approved studies to advance cardiovascular and pulmonary disease research. Collaborating with over 30 partners and Stanford labs, Mary's goal is to facilitate research by providing cardiothoracic tissue samples to researchers and scientists across Stanford Medicine.

Currently, Mary holds the position of Principal Academic and Clinical Integration Developer in the CT Surgery Department, further highlighting her leadership role in our institution. In this capacity, she plays a pivotal role in curating and developing marketing materials and outreach strategies for the department. Mary's dedication extends beyond clinical excellence; she actively contributes to fostering academic growth and enhancing the department's visibility. Her strategic approach to marketing ensures that the department's achievements and advancements in cardiothoracic surgery are effectively communicated to the broader medical community and the public, reinforcing our commitment to excellence in patient care, research, and education.

Furthermore, Mary has been an esteemed member of Dr. Joseph Woo's Stanford Advanced Cardiovascular Therapeutics and Surgical Biomechanics Translational Research Laboratory (Woo Lab) since 2012. Her involvement in numerous clinical trials and published research underscores her commitment to advancing the field of cardiovascular medicine. Learn more about Woo Lab at http://med.stanford.edu/woolab.html.

CLINICAL FOCUS

- Physician Assistant
- Cardiac
- Cardiac Surgery

PROFESSIONAL EDUCATION

- Board Certification: Physician Assistant, National Commission on Certification of Physician Assistants (2009)
- Professional Education: Marywood University (2009) PA
- Professional Education: Marywood University (2008) PA

Scientific Focus

PUBLICATIONS

- **Endoscopic Radial Artery Harvesting During Anesthesia Line Placement Reduces the Time and Cost of Multivessel Coronary Artery Bypass Grafting.** *Innovations (Philadelphia, Pa.)*
  Wang, H., Bilbao, M. S., Miller, S. L., O'Donnell, C. T., Boyd, J. H.
  2020: 1556984519882014
- **Autograft Valve-Sparing Root Replacement for Late Ross Failure during Quadruple-Valve Surgery** *ANNALS OF THORACIC AND CARDIOVASCULAR SURGERY*
  Goldstone, A. B., Jensen, C. W., Bilbao, M., Woo, Y.
  2017; 23 (6): 313–15
- **Minimally invasive mitral valve repair in situs inveresus totalis** *Journal of Cardiac Surgery*
  Goldstone, MD, A. B., Patrick BS, W. L., Bilbao, PA-C, M. S., Woo, MD, Y.
  2016 ; Vol 31 (12): 718-720
- **Stanford Health Care/Stanford Medicine, Department of Cardiothoracic Surgery Handbook (2015 & 2017)**
  Atashroo, NP, M., Bilbao, M. S.
  Stanford Health Care.2015
- **Minimally invasive approach provides at least equivalent results for surgical correction of mitral regurgitation: A propensity-matched comparison** *38th Annual Meeting of the Western-Thoracic-Surgical-Association*
  Goldstone, A. B., Atluri, P., Szeto, W. Y., Trubelja, A., Howard, J. L., MacArthur, J. W., Newcomb, C., Donnelly, J. P., Kobrin, D. M., Sheridan, M. A., Powers, C., Gorman, R. C., Gorman, et al
  MOSBY-ELSEVIER.2013: 748–56
- **Quantitative evaluation of change in coexistent mitral regurgitation after aortic valve replacement** *38th Annual Meeting of the Western-Thoracic-Surgical-Association*
  Kaczorowski, D. J., MacArthur, J. W., Howard, J., Kobrin, D., Fairman, A., Woo, Y. J.
  MOSBY-ELSEVIER.2013: 341–48

PRESENTATIONS

- Introduction to the Operating Room - Stanford Health Care, Stanford, CA (July 1, 2015 - July 1, 2015)
- Radial Artery Harvest – The Stanford Standard - Stanford Health Care / Maquet/Geting Regional Meeting (September 22, 2017 - September 22, 2017)
- Radial Artery Harvest - Stanford Health Care / 2017 Annual National Leadership Summit for Advanced Harvesters (Maquet/Geting) (October 26, 2017 - October 27, 2017)
- A Pre-sternotomy Endoscopic Radial Artery Harvest Strategy Improves Intraoperative Resource Utilization and Decreases Costs - Stanford Health Care, Stanford, CA (May 1, 2018 - May 1, 2018)