

# Stanford

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## Paul J. Wang, MD

John R. and Ai Giak L. Singleton Director, Professor of Medicine (Cardiovascular Medicine) and, by courtesy, of Bioengineering  
Medicine - Cardiovascular Medicine

### CLINICAL OFFICE (PRIMARY)

- **Cardiovascular Medicine**

300 Pasteur Dr Rm A260  
MC 5233  
Stanford, CA 94305  
**Tel** (650) 723-7111      **Fax** (650) 721-5747

### ACADEMIC CONTACT INFORMATION

- **Administrative Associate**

Tatyana Perkis - Administrative Associate  
**Email** tperkis@stanford.edu  
**Tel** 650.721.8477

## Bio

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### BIO

Dr. Wang is the Director of the Stanford Cardiac Arrhythmia Service and Professor of Medicine and of Bioengineering (by courtesy)(since 2003). Dr. Wang is an expert in the treatment of cardiac arrhythmias, including atrial fibrillation, atrial flutter, ventricular arrhythmias, supraventricular arrhythmias, and sudden cardiac death. He has practiced cardiac electrophysiology as an arrhythmia expert for over 30 years. He was a co-inventor of catheter cryoablation, which has been used to treat over 1 million patients with atrial fibrillation, and has pioneered new techniques in the management of heart rhythm problems. He has co-authored numerous textbooks and book chapters on catheter ablation, implantable defibrillators, sudden cardiac death, cardiac resynchronization/ biventricular pacing therapy, and innovations in arrhythmia therapy. He is past Chair of the American Heart Association Council on Clinical Cardiology ECG and Arrhythmias Committee, a member of the American Heart Association Council on Clinical Cardiology, and the American Heart Association National Science and Clinical Education Committee. He is a former member of the Board of Trustees of the leading professional society in his field, the Heart Rhythm Society. He has helped write the examination used for certification of heart rhythm specialists in the U.S. He founded the annual Stanford Biodesign New Arrhythmia Technologies Retreat, focusing on new technological advances in arrhythmia management and diagnosis. He serves as the Editor-in-Chief of Circulation:Arrhythmia and Electrophysiology, one of the leading scientific journals in the field.

### CLINICAL FOCUS

- Cardiac Electrophysiology
- Cardiology (Heart)
- Atrial Fibrillation
- Cardiac Arrhythmias
- Implantable Defibrillators
- Pacemakers
- Hypertrophic Cardiomyopathy
- Clinical Cardiac Electrophysiology

### ACADEMIC APPOINTMENTS

- Professor - University Medical Line, Medicine - Cardiovascular Medicine

- Professor - University Medical Line (By courtesy), Bioengineering
- Member, Bio-X
- Member, Cardiovascular Institute
- Member, Maternal & Child Health Research Institute (MCHRI)

## HONORS AND AWARDS

- Advanced Practice Physician Champion Award, Stanford Healthcare (2019)
- Council on Clinical Cardiology Distinguished Achievement Award, American Heart Association (2017)
- Faculty Teaching Award, Stanford University Cardiovascular Division (2013)
- Clinical Teaching Award awarded by Medical Residents, Tufts New England Medical Center (2003)
- Natalie and Milton O. Zucker Teaching Award, Tufts University School of Medicine (2002)
- Basic Science Teacher of the Year Award, Tufts University School of Medicine (2002)
- 1999 Special Faculty Recognition Teaching Award, (equivalent to Teacher of the Year), Tufts University School of Medicine (1999,2000,2003)
- Stevelman Award for Excellence in Cardiology, College of Physicians and Surgeons, Columbia University (1983)
- Finalist, Rhodes Scholarship Competition (1978)
- Honorary Harvard National Scholar, Harvard University (1975-1979)

## BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Member, National Science and Clinical Education Committee, American Heart Association (2017 - 2020)
- Editor-in-Chief, Circulation: Arrhythmia and Electrophysiology, American Heart Association (2017 - present)
- Member, Council on Clinical Cardiology, American Heart Association (2016 - present)
- Board of Trustees, Heart Rhythm Society (2016 - 2017)
- Member of Governance Committee and Nominations Subcommittee, Heart Rhythm Society (2014 - 2015)
- Member of Relationships with Industry Task Force Committee, Heart Rhythm Society (2010 - 2011)
- Member of Governance Committee and Nominations Subcommittee, Heart Rhythm Society (2010 - 2011)
- Governance, Awards Subcommittee member, Heart Rhythm Society (2009 - 2010)
- Chair,Continuing Medical Education Subcommittee, Heart Rhythm Society (2009 - 2011)
- Member, Cardiac Electrophysiology Committee, American College of Cardiology (2008 - 2011)
- Member IBHRE EP Test Writing Committee, International Board of Medical Examiners (2006 - 2012)
- Vice Chair, Educational Committee, Heart Rhythm Society (2002 - 2006)
- Chair, Member Education Working Group Sub-Committee, Heart Rhythm Society (2000 - 2002)
- ABIM Board Examination Writing Committee on Clinical Cardiac Electrophysiology, American Board of Internal Medicine (2004 - 2010)
- President, New England Electrophysiology Society (2001 - 2003)
- Chair, Committee on Electrocardiography/Arrhythmias Council on Clinical Cardiology, American Heart Association (2014 - 2016)

## PROFESSIONAL EDUCATION

- Board Certification: Clinical Cardiac Electrophysiology, American Board of Internal Medicine (1992)
- Board Certification: Cardiovascular Disease, American Board of Internal Medicine (1989)
- Fellowship: Brigham and Women's Hospital Harvard Medical School (1989) MA
- Board Certification: Internal Medicine, American Board of Internal Medicine (1986)
- Residency: New York Presbyterian Medical Center (1986) NY

- Internship: New York Presbyterian Medical Center (1984) NY
- Medical Education: College of Physicians and Surgeons Columbia University (1983) NY
- MD, Columbia University , Medicine (1983)
- BA, Harvard University , Biochemical Sciences (1979)

## PATENTS

- Paul J. Wang, Amin Al-Ahmad, Francis William, Kai Ihnken, Kaartiga Sivanesan, Morgan Clyburn, Kathleen L. Kang, Lauren S Chan, Robert C Robbins, Friedrich B. Prinz. "United States Patent 8,882,762 Transmural Ablation Device", Leland Stanford Junior University, Nov 11, 2014
- Dorothea Koh, Bryant Lin, Paul J. Wang, Marie Guion-Johnson, Amin Al-Ahmad. "United States Patent 8,494,623 Method and apparatus for in-vivo physiological monitoring", Jul 23, 2013
- Baharan Kamousi, Bryant Lin and Paul J. Wang. "United States Patent 8,204,581 Method to discriminate arrhythmias in cardiac rhythm management devices", Jun 19, 2012
- Friedrich B. Prinz, Paul J. Wang, Bryant Lin and Ross Venook. "United States Patent 8,100,900 System for delivering therapy", Leland Stanford Junior University, Jan 24, 2012
- David P. Macadam, Paul J. Wang, Shawn X. Yang and Dipen Shah. "United States Patent 7,272,437 Systems for Processing Electrocardiac Signals Having Superimposed Complexes", Sep 18, 2007
- Paul J. Wang and Hassan Rastegar. "United States Patent 7,041,095 Cardiac ablation system and method for treatment of cardiac arrhythmias and transmyocardial revascularization", May 9, 2006
- David MacAdam, Paul J. Wang, Shawn Yang and Dipen Shah. "United States Patent 6,944,495 Methods for Processing Electrocardiac Signals Having Superimposed Complexes", Nov 13, 2005
- David MacAdam, Paul J. Wang, Shawn Yang and Dipen Shah. "United States Patent 6,968,227 Methods for Processing Electrocardiac Signals Having Superimposed Complexes", Nov 5, 2005
- Gary S.Falwell, Ian D.McRury, Michael C.Peterson, Paul J.Wang. "United States Patent 6,916,317 Tricuspid annular grasp catheter", Jul 12, 2005
- Carey M.Rappaport, Paul Wang and Zeji Gu. "United States Patent 6,699,241 Wide-aperture catheter-based microwave cardiac ablation antenna", Mar 2, 2004
- Paul J. Wang and Hassan Rastegar. "United States Patent 6,527,767 Cardiac ablation and method for treatment of cardiac arrhythmias and transmyocardial revascularization", Mar 4, 2003
- Paul J. Wang and Hassan Rastegar. "United States Patent 6,475,179 Tissue Folding Device and Method Thereof", Nov 5, 2002
- Gary S. Falwell, Ian D. McRury, Michael C. Peterson, Paul J. Wang. "United States Patent 6,319,250 Tricuspid Annular Grasp Catheter", Nov 20, 2001
- Tracey A. Morley and Paul J. Wang. "United States Patent 6,113,584 Intraluminal delivery of tissue lysing medium", Sep 5, 2000
- Tracey A. Morley and Paul J. Wang. "United States Patent 5,947,952 Intraluminal Delivery of Tissue Lysing Medium.", Sep 7, 1999
- Tracey A. Morley and Paul J. Wang. "United States Patent 5,766,152 Intraluminal Delivery of Tissue Lysing Medium", Jun 16, 1998
- Paul J. Wang, Peter W. Groeneveld. "United States Patent 5,462,545 Catheter Electrodes", Oct 31, 1995
- Peter L. Friedman, Paul Wang, and Ernest G. Cravalho. "United States Patent 5,147,355 Cryoablation catheter and method of performing cryoablation", Sep 15, 1992

## LINKS

- Get a Second Opinion: <https://stanfordhealthcare.org/second-opinion/overview.html>

## Research & Scholarship

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### CURRENT RESEARCH AND SCHOLARLY INTERESTS

Dr. Wang's research centers on the development of innovative approaches to the treatment of arrhythmias, including more effective catheter ablation techniques, more reliable implantable devices, and less invasive treatments. Dr. Wang's clinical research interests include atrial fibrillation, ventricular tachycardia, syncope, and hypertrophic cardiomyopathy. Dr. Wang has active collaborations with Bioengineering, Mechanical Engineering, and Electrical Engineering Departments at Stanford. Some of the goals of his research program are: 1) to create a more effective methods of catheter ablation, 2) to create implantable pacemakers and leads that are more reliable, 3) to create a combined surgical-catheter approach to ablation, 4) to create noninvasive methods of ablation, 5) to make defibrillation painless. Dr. Wang

is interested in using digital technology to improve health care outcomes and has an active project using a digital hypertension management platform. Dr. Wang is committed to addressing disparities in care and is actively involved in increasing diversity in clinical trials.

## CLINICAL TRIALS

- Mobile Strategy to Reduce the Risk of Recurrent Preterm Birth, Recruiting
- Bariatric Atrial Restoration of Sinus Rhythm, Not Recruiting
- Catheter Ablation vs Anti-arrhythmic Drug Therapy for Atrial Fibrillation Trial, Not Recruiting
- Engaging Patients to Help Achieve Increased Patient Choice and Engagement for AFib Stroke Prevention, Not Recruiting
- Substrate Versus Trigger Ablation for Paroxysmal Atrial Fibrillation, Not Recruiting

## Teaching

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### COURSES

#### 2023-24

- Introduction to Bioengineering Research: BIOE 390, MED 289 (Aut)
- Pathophysiology and Design for Cardiovascular Disease: BIOE 72N (Spr)

#### 2022-23

- Introduction to Bioengineering Research: BIOE 390, MED 289 (Aut)
- Pathophysiology and Design for Cardiovascular Disease: BIOE 72N (Spr)

#### 2021-22

- Introduction to Bioengineering Research: BIOE 390, MED 289 (Aut)
- Pathophysiology and Design for Cardiovascular Disease: BIOE 72N (Spr)

#### 2020-21

- Introduction to Bioengineering Research: BIOE 390, MED 289 (Aut)
- Pathophysiology and Design for Cardiovascular Disease: BIOE 72N (Sum)

## STANFORD ADVISEES

### Med Scholar Project Advisor

Ji Hae Lee

### Postdoctoral Faculty Sponsor

Tania Chen, Rushil Shah

## GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Cardiac Electrophysiology (Fellowship Program)
- Cardiovascular Medicine (Fellowship Program)

## Publications

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### PUBLICATIONS

#### • Patient Representativeness With Virtual Enrollment in the PRO-HF Trial. *Journal of the American Heart Association*

Gupta, A., Skye, M., Calma, J., Din, N., Azizi, Z., Hernandez, M. F., Zheng, J., Kalwani, N. M., Malunjkar, S., Schirmer, J., Wang, P., Rodriguez, F., Heidenreich, et al  
2024; 13 (2): e030903

- **Design and Implementation of an Electronic Health Record-Integrated Hypertension Management Application.** *Journal of the American Heart Association*  
Funes Hernandez, M., Babakhanian, M., Chen, T. P., Sarraju, A., Seninger, C., Ravi, V., Azizi, Z., Tooley, J., Chang, T. I., Lu, Y., Downing, N. L., Rodriguez, F., Li, et al  
2024; 13 (2): e030884
- **Digital Health Interventions for Heart Failure Management in Underserved Rural Areas of the United States: A Systematic Review of Randomized Trials.** *Journal of the American Heart Association*  
Azizi, Z., Broadwin, C., Islam, S., Schenk, J., Din, N., Hernandez, M. F., Wang, P., Longenecker, C. T., Rodriguez, F., Sandhu, A. T.  
2024; 13 (2): e030956
- **Arrhythmias including Atrial Fibrillation and Congenital Heart Disease in Kleefstra Syndrome: a possible epigenetic link.** *Europace : European pacing, arrhythmias, and cardiac electrophysiology : journal of the working groups on cardiac pacing, arrhythmias, and cardiac cellular electrophysiology of the European Society of Cardiology*  
Vasireddi, S. K., Draksler, T. Z., Bouman, A., Kummeling, J., Wheeler, M., Reuter, C., Srivastava, S., Harris, J., Fisher, P. G., Narayan, S. M., Wang, P. J., Badhwar, N., Kleefstra, et al  
2024
- **Opportunities to Increase Science of Diversity and Inclusion in Clinical Trials: Equity and a Lack of a Control.** *Journal of the American Heart Association*  
Igwe, J., Wangdak Yuthok, T. Y., Cruz, E., Mueller, A., Lan, R. H., Brown-Johnson, C., Idris, M., Rodriguez, F., Clark, K., Palaniappan, L., Echols, M., Wang, P., Onwuanyi, et al  
2023: e030042
- **Disabilities Reporting in Cardiac Clinical Trials: How Are We Doing?** *Journal of the American Heart Association*  
Lan, R. H., Rice, E. N., Nunes, J. C., Shah, R., Igwe, J. K., Clark, K., Periyakoil, V. S., Chen, J. H., Lin, B., Awad, C., Idris, M., Cruz, E. R., Lewis, et al  
2023: e029726
- **Who Are We Missing? Reporting of Transgender and Gender-Expansive Populations in Clinical Trials.** *Journal of the American Heart Association*  
Rice, E. N., Lan, R. H., Nunes, J. C., Shah, R., Clark, K., Periyakoil, V. S., Chen, J. H., Lin, B., Echols, M., Awad, C., Idris, M. Y., Cruz, E. R., Poullos, et al  
2023: e030209
- **Electrophysiological mapping of the epicardium via 3D-printed flexible arrays.** *Bioengineering & translational medicine*  
Pong, T., Cyr, K. J., Carlton, C., Aparicio-Valenzuela, J., Wang, H., Babakhanian, M., Maiuolo, A., Lucian, H., Wang, P. J., Woo, Y. J., Lee, A. M.  
2023; 8 (6): e10575
- **Electrophysiological mapping of the epicardium via 3D-printed flexible arrays** *BIOENGINEERING & TRANSLATIONAL MEDICINE*  
Pong, T., Cyr, K. J., Carlton, C., Aparicio-Valenzuela, J., Wang, H., Babakhanian, M., Maiuolo, A., Lucian, H., Wang, P. J., Woo, Y., Lee, A. M.  
2023
- **Safety of transvenous cardiac defibrillator and magnetic titanium beads system for gastroesophageal reflux disease: a case report.** *Journal of interventional cardiac electrophysiology : an international journal of arrhythmias and pacing*  
Vasireddi, S. K., Greif, S., Fazal, M., Wei, C., Gomez, S., Shah, S., Rogers, A. J., Narayan, S. M., Wang, P. J., Kapoor, R., Baykaner, T.  
2023
- **Comparative arrhythmia patterns among patients on tyrosine kinase inhibitors.** *Journal of interventional cardiac electrophysiology : an international journal of arrhythmias and pacing*  
Wei, C., Fazal, M., Loh, A., Kapoor, R., Gomez, S. E., Shah, S., Rogers, A. J., Narayan, S. M., Wang, P. J., Witteles, R. M., Perino, A. C., Cheng, P., Rhee, et al  
2023
- **Design and development of a digital shared decision-making tool for stroke prevention in atrial fibrillation.** *JAMIA open*  
Nunes, J. C., Baykaner, T., Pundi, K., DeSutter, K., True Hills, M., Mahaffey, K. W., Sears, S. F., Morin, D. P., Lin, B., Wang, P. J., Stafford, R. S.  
2023; 6 (1): ooad003
- **Atrial Fibrillation Ablation Outcome Prediction with a Machine Learning Fusion Framework Incorporating Cardiac Computed Tomography.** *Journal of cardiovascular electrophysiology*  
Razeghi, O., Kapoor, R., Alhusseini, M. I., Fazal, M., Tang, S., Roney, C. H., Rogers, A. J., Lee, A., Wang, P. J., Clopton, P., Rubin, D. L., Narayan, S. M., Niederer, et al  
2023
- **Quantifying a spectrum of clinical response in atrial tachyarrhythmias using spatiotemporal synchronization of electrograms.** *Europace : European pacing, arrhythmias, and cardiac electrophysiology : journal of the working groups on cardiac pacing, arrhythmias, and cardiac cellular electrophysiology of the European Society of Cardiology*

Ganesan, P., Deb, B., Feng, R., Rodrigo, M., Ruiperez-Campillo, S., Rogers, A. J., Clopton, P., Wang, P. J., Zeemering, S., Schotten, U., Rappel, W., Narayan, S. M.  
2023

● WHO ARE WE MISSING? REPORTING OF TRANSGENDER AND GENDER EXPANSIVE POPULATIONS IN CLINICAL TRIALS

Rice, E., Lan, R., Nunes, J., Shah, R., Echols, M. R., Lunn, M., Bryant, L., Lewis, E. F., Awad, C., Idris, M. Y., Clark, K., Periyakoil, V., Cruz, et al  
ELSEVIER SCIENCE INC.2023: 119

● DISABILITIES REPORTING IN CLINICAL TRIALS. HOW ARE WE DOING?

Lan, R., Rice, E., Nunes, J., Shah, R., Joseph, I. E., Echols, M. R., Echols, M. R., Lunn, M., Bryant, L., Lewis, E. F., Awad, C., Idris, M. Y., Clark, et al  
ELSEVIER SCIENCE INC.2023: 172

● Ambient Circulation Surrounding an Ablation Catheter Tip Affects Ablation Lesion Characteristics. *Journal of cardiovascular electrophysiology*

Nussinovitch, U., Wang, P., Babakhanian, M., Narayan, S. M., Viswanathan, M., Badhwar, N., Zheng, L., Sauer, W. H., Nguyen, D. T.  
2023

● Worldwide survey on implantation of and outcomes for conduction system pacing with His bundle and left bundle branch area pacing leads. *Journal of interventional cardiac electrophysiology : an international journal of arrhythmias and pacing*

Perino, A. C., Wang, P. J., Lloyd, M., Zanon, F., Fujii, K., Osman, F., Briongos-Figuero, S., Sato, T., Aksu, T., Jastrzebski, M., Sideris, S., Rao, P., Boczar, et al  
2023: 1-12

● Phrenic Relocation by Endoscopy, Intentional Pneumothorax Using Carbon Dioxide, and Single Lung Ventilation (PHRENICS) Technique. *JACC. Clinical electrophysiology*

Shah, R. L., Perino, A., Wang, P., Lee, A., Badhwar, N.  
2023; 9 (5): 692-696

● Clinical Trial to Evaluate an Atrial Fibrillation Stroke Prevention Shared DecisionMaking Pathway

Wang, P. J., Lu, Y., Mahaffey, K. W., Lin, A., Morin, D. P., Sears, S. F., Chung, M. K., Russo, A. M., Lin, B., Piccini, J. P., Hills, M. T., Berube, C., Pundi, et al  
LIPPINCOTT WILLIAMS & WILKINS.2022: E582-E583

● Patient Education Strategies to Improve Risk of Stroke in Patients with Atrial Fibrillation *CURRENT CARDIOVASCULAR RISK REPORTS*

Nunes, J. C., Shah, S., Fazal, M., Gomez, S., Wei, C., Wang, P. J., Stafford, R. S., Baykaner, T.  
2022; 16 (12): 249-258

● Advances in Cardiac Electrophysiology. *Circulation. Arrhythmia and electrophysiology*

Piccini, J. P., Russo, A. M., Sharma, P. S., Kron, J., Tzou, W., Sauer, W., Park, D. S., Birgersdotter-Green, U., Frankel, D. S., Healey, J. S., Hummel, J., Koruth, J., Linz, et al  
2022: e009911

● Tyrosine kinase inhibitor-associated ventricular arrhythmias: a case series and review of literature. *Journal of interventional cardiac electrophysiology : an international journal of arrhythmias and pacing*

Fazal, M., Wei, C., Chuy, K. L., Hussain, K., Gomez, S. E., Ba, S. S., Pietrasik, G., Yadav, N., Ghazizadeh, Z., Kapoor, R., Witteles, R. M., Blackmon, A., Wang, et al  
2022

● A Randomized Clinical Trial to Evaluate an Atrial Fibrillation Stroke Prevention Shared Decision-Making Pathway. *Journal of the American Heart Association*

Wang, P. J., Lu, Y., Mahaffey, K. W., Lin, A., Morin, D. P., Sears, S. F., Chung, M. K., Russo, A. M., Lin, B., Piccini, J., Hills, M. T., Berube, C., Pundi, et al  
2022: e8009

● Needle-Tipped Catheter Ablation of Papillary Muscle Results in Deeper and Larger Ablation Lesions. *Journal of cardiovascular translational research*

Nussinovitch, U., Wang, P., Babakhanian, M., Narayan, S. M., Viswanathan, M., Badhwar, N., Zheng, L., Sauer, W. H., Nguyen, D. T.  
2022

● Machine Learning-Enabled Multimodal Fusion of Intra-Atrial and Body Surface Signals in Prediction of Atrial Fibrillation Ablation Outcomes. *Circulation. Arrhythmia and electrophysiology*

Tang, S., Razeghi, O., Kapoor, R., Alhusseini, M. I., Fazal, M., Rogers, A. J., Rodrigo Bort, M., Clopton, P., Wang, P., Rubin, D., Narayan, S. M., Baykaner, T.  
2022: 101161CIRCEP122010850

● Mapping Atrial Fibrillation After Surgical Therapy to Guide Endocardial Ablation. *Circulation. Arrhythmia and electrophysiology*

Bhatia, N. K., Shah, R. L., Deb, B., Pong, T., Kapoor, R., Rogers, A., Badhwar, N., Brodt, C., Wang, P. J., Narayan, S. M., Lee, A. M.

2022: 101161CIRCEP121010502

● **Diversity, Equity, and Inclusion in Cardiac Electrophysiology: It Is Imperative Now and for Our Future.** *Circulation. Arrhythmia and electrophysiology*

Clair, W. K., Wan, E. Y., Wang, P. J.

2022: 101161CIRCEP121010763

● **Hybrid Ablation for Atrial Fibrillation: Safety & Efficacy of Unilateral Epicardial Access.** *Seminars in thoracic and cardiovascular surgery*

Pong, T., Shah, R. L., Carlton, C., Truong, A., Fann, B., Cyr, K., Aparicio-Valenzuela, J., Brodt, C., Wang, P. J., Lee, A. M.

2022

● **Perpendicular Catheter Orientation During Papillary Muscle Ablation Results in Larger, Deeper Lesions.** *Journal of cardiovascular electrophysiology*

Nussinovitch, U., Wang, P., Narayan, S., Viswanathan, M., Badhwar, N., Zheng, L., Sauer, W. H., Nguyen, D. T.

2022

● **Wide Complex QRS During Sotalol Administration.** *JAMA cardiology*

Rogers, A. J., Wang, P. J., Badhwar, N.

1800

● **Knowledge Gaps, Challenges, and Opportunities in Health and Prevention Research for Asian Americans, Native Hawaiians, and Pacific Islanders: A Report From the 2021 National Institutes of Health Workshop.** *Annals of internal medicine*

Kanaya, A. M., Hsing, A. W., Panapasa, S. V., Kandula, N. R., G Araneta, M. R., Shimbo, D., Wang, P., Gomez, S. L., Lee, J., Narayan, K. M., Mala Mau, M. K., Bose, S., Daviglus, et al

1800

● **The ENHANCE-AF Clinical Trial to Evaluate an Atrial Fibrillation Shared Decision-Making Pathway: Rationale and Study Design.** *American heart journal*

Baykaner, T., Pundi, K., Lin, B., Lu, Y., DeSutter, K., Lhamo, K., Garay, G., Nunes, J. C., Morin, D. P., Sears, S. F., Chung, M. K., Paasche-Orlow, M. K., Sanders, et al

2022

● **Decision-making experiences and decisional regret in patients receiving implanted cardioverter-defibrillators** *HEART AND MIND*

Pourshams, I., Lin, B., Wang, P. J., Stafford, R.

2022; 6 (1): 32-35

● **N-Terminal Pro-B-Type Natriuretic Peptide as a Biomarker for the Severity and Outcomes With COVID-19 in a Nationwide Hospitalized Cohort.** *Journal of the American Heart Association*

O'Donnell, C., Ashland, M. D., Vasti, E. C., Lu, Y., Chang, A. Y., Wang, P., Daniels, L. B., de Lemos, J. A., Morrow, D. A., Rodriguez, F., O'Brien, C. G.

2021: e022913

● **Shared Decision-Making in Cardiac Electrophysiology Procedures and Arrhythmia Management.** *Circulation. Arrhythmia and electrophysiology*

Chung, M. K., Fagerlin, A., Wang, P. J., Ajayi, T. B., Allen, L. A., Baykaner, T., Benjamin, E. J., Branda, M., Cavanaugh, K. L., Chen, L. Y., Crossley, G. H., Delaney, R. K., Eckhardt, et al

2021: CIRCEP121007958

● **Feasibility Of An Asynchronous, Semi-Automated Remote Patient Monitoring Blood Pressure Management System**

Saraju, A., Babakhanian, M., Szeto, I., Seninger, C., Chang, T., Bhalla, V., Downing, L., Rodriguez, F., Turakhia, M., Wang, P. J.

LIPPINCOTT WILLIAMS & WILKINS.2021

● **Research Priorities in the Secondary Prevention of Atrial Fibrillation: A National Heart, Lung, and Blood Institute Virtual Workshop Report.** *Journal of the American Heart Association*

Benjamin, E. J., Al-Khatib, S. M., Desvigne-Nickens, P., Alonso, A., Djousse, L., Forman, D. E., Gillis, A. M., Hendriks, J. M., Hills, M. T., Kirchhof, P., Link, M. S., Marcus, G. M., Mehra, et al

2021: e021566

● **CONSISTENT SPATIOTEMPORAL VECTORS IN ATRIAL FIBRILLATION PREDICT RESPONSE TO ABLATION**

Ganesan, P., Bhatia, N., Beck, T. C., Ravi, N., Rogers, A., Krummen, D., Wang, P., Rappel, W., Narayan, S.

ELSEVIER SCIENCE INC.2021: 334

● **IDENTIFICATION OF AREAS OF ORGANIZED 1:1 ACTIVITY IN ATRIAL FIBRILLATION IN PATIENTS POST MAZE SURGERY**

Bhatia, N. K., Shah, R., Ganesan, P., Rogers, A., Pong, T., Purewal, S., Baykaner, T., Wang, P., Lee, A., Rappel, W., Narayan, S.

ELSEVIER SCIENCE INC.2021: 333

- **Turning Practicing Surgeons Into Health Technology Innovators: Outcomes From the Stanford Biodesign Faculty Fellowship** *SURGICAL INNOVATION*  
Fuerch, J. H., Wang, P., Van Wert, R., Denend, L.  
2021: 1553350620984338
- **Worldwide Survey of COVID-19 Associated Arrhythmias.** *Circulation. Arrhythmia and electrophysiology*  
Coromilas, E. J., Kochav, S. n., Goldenthal, I. n., Biviano, A. n., Garan, H. n., Goldbarg, S. n., Kim, J. H., Yeo, I. n., Tracy, C. n., Ayanian, S. n., Akar, J. n., Singh, A. n., Jain, et al  
2021
- **Underrepresentation of Ethnic and Racial Minorities in Atrial Fibrillation Clinical Trials.** *Circulation. Arrhythmia and electrophysiology*  
Nunes, J. C., Rice, E. N., Stafford, R. S., Lewis, E. F., Wang, P. J.  
2021: CIRCEP121010452
- **Blood Thinners for Atrial Fibrillation Stroke Prevention.** *Circulation. Arrhythmia and electrophysiology*  
Pundi, K., Baykaner, T., True Hills, M., Lin, B., Morin, D. P., Sears, S. F., Wang, P. J., Stafford, R. S.  
2021: CIRCEP120009389
- **Deep Neural Network Trained on Surface ECG Improves Diagnostic Accuracy of Prior Myocardial Infarction Over Q Wave Analysis**  
Yildirim, O., Baloglu, U. B., Talo, M., Ganesan, P., Tung, J. S., Kang, G., Tooley, J., Alhusseini, M., Baykaner, T., Wang, P. J., Perez, M., Tereshchenko, L., Narayan, et al  
IEEE.2021
- **Arrhythmia Patterns in Patients on Ibrutinib.** *Frontiers in cardiovascular medicine*  
Fazal, M., Kapoor, R., Cheng, P., Rogers, A. J., Narayan, S. M., Wang, P., Witteles, R. M., Perino, A. C., Baykaner, T., Rhee, J.  
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