Stanford



Marco Perez

Associate Professor of Medicine (Cardiovascular Medicine)

Medicine - Cardiovascular Medicine

NIH Biosketch available Online Curriculum Vitae available Online

CLINICAL OFFICE (PRIMARY)

- **Electrophysiology Clinic**
  300 Pasteur Dr Rm A260
  2nd Flr
  Stanford, CA 94305
  Tel (650) 307-7878 **Fax** (650) 725-1599

ACADEMIC CONTACT INFORMATION

- **Administrative Contact**
  Martha Segaula Avamolifua - Administrative Associate II
  Email segaula@stanford.edu
  Tel 650-724-1850

Bio

BIO

Dr. Marco Perez's research goal is to better understand the fundamental causes of cardiovascular disease through the study of genetics and epidemiology. His group studies the genetic variations and environmental exposures that are associated with conditions such as atrial fibrillation and heart failure. He has led the studies of atrial fibrillation in Women's Health Initiative, one of the largest nation-wide population-based cohorts. He is currently conducting a large study monitoring for silent or asymptomatic atrial fibrillation in women from the WHI randomized to exercise intervention, and was co-PI of the Apple Heart Study, a clinical trial that validated the ability of a smartwatch to detect atrial fibrillation. He is now PI of the Clinical Coordinating Center at Stanford for the REACT-AF which is a clinical trial to evaluate efficacy and safety of a "pill-in-the pocket" approach to anticoagulation for AF using a smartwatch. He is interested in understanding the paradox that atrial fibrillation is less common in African Americans and Hispanics, despite a greater burden of risk factors such as hypertension. As director of the Stanford Inherited Arrhythmia Clinic, he evaluates families with rare inherited arrhythmias associated with sudden death such as Long QT and Brugada Syndromes and explores their links with novel genes. He also studies the genetic causes of very early onset atrial fibrillation. He also studies how best to use the electrocardiogram and imaging modalities using Machine Learning techniques to identify patients at risk for cardiovascular disease. Dr. Perez receives funding from the NIH/NHLBI, Apple Inc., Janssen and the Colson Foundation.

CLINICAL FOCUS

- Atrial Fibrillation
- Arrhythmias, Cardiac
- Channelopathies (Long QT, Brugada, CPVT)
- Clinical Cardiac Electrophysiology
- Inherited Cardiomyopathies (HCM, ARVD, LVNC)

ACADEMIC APPOINTMENTS

- Associate Prof-Univ Med Line, Medicine - Cardiovascular Medicine
- Member, Cardiovascular Institute

- Member, Wu Tsai Human Performance Alliance

ADMINISTRATIVE APPOINTMENTS

- Director, Stanford Cardiac Electrocardiography Laboratory, (2017- present)
- Director, Stanford Inherited Cardiac Arrhythmia Clinic, (2013- present)

HONORS AND AWARDS

- National Research Service Award, NIH (2006-2008)
- R01 Research Project Grant (1R01HL136390-01), NIH/NHLBI (2017-2022)
- Dean's Fellow Research Award, Stanford University (2006-2008)
- Loan Repayment Program Award, NIH (2010-2014)
- Fellow to Faculty Award, American Heart Association (2011-2016)
- Harold Amos Faculty Development Award, Robert Wood Johnson Foundation (2012-2016)
- Finalist, FGTB Young Investigator Award, American Heart Association (2013)
- Department of Medicine Teaching Award, Stanford University (2014)
- SPARK Award, Stanford University (2014-2015)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Member, AHA Research Committee (2014 - present)
- Medical Director, Racing Hearts Community AED Program (2014 - present)

PROFESSIONAL EDUCATION

- Board Certification: Clinical Cardiac Electrophysiology, American Board of Internal Medicine (2024)
- Fellowship: Stanford University School of Medicine (2007) CA
- Fellowship: Stanford University Medical Center (2010) CA
- Residency: Massachusetts General Hospital (2004) MA
- Internship: Massachusetts General Hospital (2002) MA
- Medical Education: Harvard University Health Services (2001) MA
- Fellowship, Stanford , Electrophysiology (2010)
- Fellowship, Stanford , Cardiology (2007)
- Residency, Massachusetts General Hospital , Internal Medicine (2004)

LINKS

- Cardiovascular Medicine: http://cvmedicine.stanford.edu/people/perez.html
- Center for Inherited Cardiovascular Diseases: http://familyheart.stanford.edu/
- Get a Second Opinion: https://stanfordhealthcare.org/second-opinion/overview.html

Research & Scholarship

CLINICAL TRIALS

- Apple Heart Study: Assessment of Wristwatch-Based Photoplethysmography to Identify Cardiac Arrhythmias, Not Recruiting
- Attain Performa(TM) Quadripolar Lead Study, Not Recruiting
- Evaluation of the Use of Apple Watch Features for Identification of Cardiac Arrhythmias, Not Recruiting

- Women's Health Initiative Silent Atrial Fibrillation Recording Study, Not Recruiting

Teaching

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

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

Publications

PUBLICATIONS

- **2023 ACC/AHA/ACCP/HRS Guideline for the Diagnosis and Management of Atrial Fibrillation: A Report of the American College of Cardiology/American Heart Association Joint Committee on Clinical Practice Guidelines** *CIRCULATION*
  Joglar, J. A., Chung, M. K., Armbruster, A. L., Benjamin, E. J., Chyou, J. Y., Cronin, E. M., Deswal, A., Eckhardt, L. L., Goldberger, Z. D., Gopinathannair, R., Gorenek, B., Hess, P. L., Hlatky, et al
  2024; 149 (1): e1-e156

- **A deep learning-based electrocardiogram risk score for long term cardiovascular death and disease.** *NPJ digital medicine*
  Hughes, J. W., Tooley, J., Torres Soto, J., Ostropolets, A., Poterucha, T., Christensen, M. K., Yuan, N., Ehlert, B., Kaur, D., Kang, G., Rogers, A., Narayan, S., Elias, et al
  2023; 6 (1): 169

- **Broad Genetic Testing in a Clinical Setting Uncovers a High Prevalence of Titin Loss-of-Function Variants in Very Early-Onset Atrial Fibrillation.** *Circulation. Genomic and precision medicine*
  Goodyer, W. R., Dunn, K., Caleshu, C., Jackson, M., Wylie, J., Moscarello, T., Platt, J., Reuter, C., Smith, A., Trela, A., Ceresnak, S. R., Motonaga, K. S., Ashley, et al
  2019

- **Large-Scale Assessment of a Smartwatch to Identify Atrial Fibrillation.** *The New England journal of medicine*
  Perez, M. V., Mahaffey, K. W., Hedlin, H., Rumsfeld, J. S., Garcia, A., Ferris, T., Balasubramanian, V., Russo, A. M., Rajmane, A., Cheung, L., Hung, G., Lee, J., Kowey, et al
  2019; 381 (20): 1909–17

- **Lean body mass and risk of incident atrial fibrillation in post-menopausal women** *EUROPEAN HEART JOURNAL*
  Azarbal, F., Stefanick, M. L., Assimes, T. L., Manson, J. E., Bea, J. W., Li, W., Hlatky, M. A., Larson, J. C., LeBlanc, E. S., Albert, C. M., Nassir, R., Martin, L. W., Perez, et al
  2016; 37 (20): 1606-1613

- **Systems Genomics Identifies a Key Role for Hypocretin/Orexin Receptor-2 in Human Heart Failure** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*
  Perez, M. V., Pavlovic, A., Shang, C., Wheeler, M. T., Miller, C. L., Liu, J., Dewey, F. E., Pan, S., Thanaporn, P. K., Absher, D., Brandimarto, J., Salisbury, H., Chan, et al
  2015; 66 (22): 2522-2533

- **GLP-1 Receptor Agonists, Weight Loss, and Predicted Risk of Atrial Fibrillation: An Analysis Using the CHARGE-AF Score** *Circulation*
  Aldulimy, A., Gao, H., Pak, J., Abbasi, F., Perez, M. V., Leeper, N. J., Kim, J. B.
  2026; 154

- **Characteristics of Contemporary Atrial Fibrillation Clinical Trials and Their Association With Industry Sponsorship.** *Heart rhythm*
  Lan, R. H., Paranjpe, I., Saeed, M., Perez, M. V.
  2024

- **Expedited Loading with Intravenous Sotalol is Safe and Feasible - Primary Results of the Prospective Evaluation Analysis and Kinetics of IV Sotalol (PEAKS) Registry.** *Heart rhythm*
  Steinberg, B. A., Holubkov, R., Deering, T., Groh, C. A., Mittal, S., Kennedy, R., Pokharel, P., Perez, M., Savona, S., Verma, N., Watt, K., Piccini, J. P., Bunch, et al
  2024

- **Prevalence of frequent premature ventricular contractions and nonsustained ventricular tachycardia in older women screened for atrial fibrillation in the Women's Health Initiative.** *Heart rhythm*
  Gomez, S. E., Larson, J., Hlatky, M. A., Rodriguez, F., Wheeler, M., Greenland, P., LaMonte, M., Froelicher, V., Stefanick, M. L., Wallace, R., Kooperberg, C., Tinker, L. F., Schoenberg, et al
  2024

- **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

- **Race, Sex, and Age Disparities in the Performance of ECG Deep Learning Models Predicting Heart Failure.** *Circulation. Heart failure*
  Kaur, D., Hughes, J. W., Rogers, A. J., Kang, G., Narayan, S. M., Ashley, E. A., Perez, M. V.
  2023: e010879

- **Clinical Management of Brugada Syndrome: Commentary From the Experts.** *Circulation. Arrhythmia and electrophysiology*
  Cutler, M. J., Eckhardt, L. L., Kaufman, E. S., Arbelo, E., Behr, E. R., Brugada, P., Cerrone, M., Crotti, L., DeAsmundis, C., Gollob, M. H., Horie, M., Huang, D. T., Krahn, et al
  2023: e012072

- **Utility of smart watches for identifying arrhythmias in children.** *Communications medicine*
  Zahedivash, A., Chubb, H., Giacone, H., Boramanand, N. K., Dubin, A. M., Trela, A., Lencioni, E., Motonaga, K. S., Goodyer, W., Navarre, B., Ravi, V., Schmiedmayer, P., Bikia, et al
  2023; 3 (1): 167

- **Electrocardiographic deep learning for predicting post-procedural mortality: a model development and validation study.** *The Lancet. Digital health*
  Ouyang, D., Theurer, J., Stein, N. R., Hughes, J. W., Elias, P., He, B., Yuan, N., Duffy, G., Sandhu, R. K., Ebinger, J., Botting, P., Jujjavarapu, M., Claggett, et al
  2023

- **Improved Cardiac Performance and Decreased Arrhythmia in Hypertrophic Cardiomyopathy With Non-β-Blocking R-Enantiomer Carvedilol.** *Circulation*
  Seo, K., Yamamoto, Y., Kirillova, A., Kawana, M., Yadav, S., Huang, Y., Wang, Q., Lane, K. V., Pruitt, B. L., Perez, M. V., Bernstein, D., Wu, J. C., Wheeler, et al
  2023

- **Association Between Insomnia, Stress Events, and Other Psychosocial Factors and Incident Atrial Fibrillation in Postmenopausal Women: Insights From the Women's Health Initiative.** *Journal of the American Heart Association*
  Zhao, S. X., Tindle, H. A., Larson, J. C., Woods, N. F., Crawford, M. H., Hoover, V., Salmoirago-Blotcher, E., Shadyab, A. H., Stefanick, M. L., Perez, M. V.
  2023: e030030

- **From Founder to Function: can we unravel phenotype from genotype?** *Heart rhythm*
  Weldy, C. S., Perez, M. V.
  2023

- **The evolving role of data & safety monitoring boards for real-world clinical trials.** *Journal of clinical and translational science*
  Bunning, B. J., Hedlin, H., Chen, J. H., Ciolino, J. D., Ferstad, J. O., Fox, E., Garcia, A., Go, A., Johari, R., Lee, J., Maahs, D. M., Mahaffey, K. W., Opsahl-Ong, et al
  2023; 7 (1): e179

- **Expanding the stdpopsim species catalog, and lessons learned for realistic genome simulations.** *eLife*
  Lauterbur, M. E., Cavassim, M. I., Gladstein, A. L., Gower, G., Pope, N. S., Tsambos, G., Adrion, J., Belsare, S., Biddanda, A., Caudill, V., Cury, J., Echevarria, I., Haller, et al
  2023; 12

- **Vigorous Exercise in Patients With Hypertrophic Cardiomyopathy.** *JAMA cardiology*
  Lampert, R., Ackerman, M. J., Marino, B. S., Burg, M., Ainsworth, B., Salberg, L., Tome Esteban, M. T., Ho, C. Y., Abraham, R., Balaji, S., Barth, C., Berul, C. I., Bos, et al

2023

- **Generation of two induced pluripotent stem cell lines from catecholaminergic polymorphic ventricular tachycardia patients carrying RYR2 mutations.** *Stem cell research*
  Kong, X., Belbachir, N., Zeng, W., Yan, C. D., Navada, S., Perez, M. V., Wu, J. C.
  2023; 69: 103111

- **Arrhythmogenic Cardiomyopathy and Athletes - A Dangerous Relationship.** *Current problems in cardiology*
  de la Guía-Galipienso, F., Ugedo-Alzaga, K., Grazioli, G., Quesada-Ocete, F. J., Feliu-Rey, E., Perez, M. V., Quesada-Dorador, A., Sanchis-Gomar, F.
  2023: 101799

- **Using wearables to manage atrial fibrillation: Pushing the boundaries with consumer devices.** *Journal of cardiovascular electrophysiology*
  Perez, M. V.
  2023

- **Maladaptive versus adaptative cardiovascular phenotype in response to exercise training: Expert opinion of the evidence** *HEART AND MIND*
  Sanchis-Gomar, F., Perez-Quilis, C., Eijsvogels, T. M. H., Guia-Galipienso, F., Christle, J. W., Perez, M. V., Lavie, C. J.
  2023; 7 (2): 57-61

- **Evaluation of the Association Between Circulating IL-1β and Other Inflammatory Cytokines and Incident Atrial Fibrillation in a Cohort of Postmenopausal Women.** *American heart journal*
  Gomez, S. E., Parizo, J., Ermakov, S., Larson, J., Wallace, R., Assimes, T., Hlatky, M., Stefanick, M., Perez, M. V.
  2023

- **Development and validation of a rapid visual technique for left ventricular hypertrophy detection from the electrocardiogram.** *Frontiers in cardiovascular medicine*
  Somani, S., Hughes, J. W., Ashley, E. A., Witteles, R. M., Perez, M. V.
  2023; 10: 1251511

- **The development of a mobile app-focused deduplication strategy for the Apple Heart Study that informs recommendations for future digital trials.** *Stat (International Statistical Institute)*
  Garcia, A., Lee, J., Balasubramanian, V., Gardner, R., Gummidipundi, S. E., Hung, G., Ferris, T., Cheung, L., Desai, S., Granger, C. B., Hills, M. T., Kowey, P., Nag, et al
  2022; 11 (1): e470

- **Serial 7-Day Electrocardiogram PatchScreening for AF inHigh-Risk Older Women by the CHARGE-AF Score.** *JACC. Clinical electrophysiology*
  Lin, J. Y., Larson, J., Schoenberg, J., Sepulveda, A., Tinker, L., Wheeler, M., Albert, C., Manson, J. E., Wells, G., Martin, L. W., Froelicher, V., LaMonte, M., Kooperberg, et al
  2022; 8 (12): 1523-1534

- **Consumer-Led Screening for Atrial Fibrillation: Frontier Review of the AF-SCREEN International Collaboration.** *Circulation*
  Brandes, A., Stavrakis, S., Freedman, B., Antoniou, S., Boriani, G., Camm, A. J., Chow, C. K., Ding, E., Engdahl, J., Gibson, M. M., Golovchiner, G., Glotzer, T., Guo, et al
  2022; 146 (19): 1461-1474

- **Premature ventricular contractions (PVCs) in young athletes.** *Progress in cardiovascular diseases*
  Gomez, S. E., Hwang, C. E., Kim, D. S., Froelicher, V. F., Wheeler, M. T., Perez, M. V.
  2022

- **Multimodal deep learning enhances diagnostic precision in left ventricular hypertrophy.** *European heart journal. Digital health*
  Soto, J. T., Weston Hughes, J., Sanchez, P. A., Perez, M., Ouyang, D., Ashley, E. A.
  2022; 3 (3): 380-389

- **Deep Learning Electrocardiographic Analysis for Detection of Left-Sided Valvular Heart Disease.** *Journal of the American College of Cardiology*
  Elias, P., Poterucha, T. J., Rajaram, V., Moller, L. M., Rodriguez, V., Bhave, S., Hahn, R. T., Tison, G., Abreau, S. A., Barrios, J., Torres, J. N., Hughes, J. W., Perez, et al
  2022; 80 (6): 613-626

- **Contributions of the Women's Health Initiative to Cardiovascular Research: JACC State-of-the-Art Review.** *Journal of the American College of Cardiology*
  LaMonte, M. J., Manson, J. E., Anderson, G. L., Baker, L. D., Bea, J. W., Eaton, C. B., Follis, S., Hayden, K. M., Kooperberg, C., LaCroix, A. Z., Limacher, M. C., Neuhouser, M. L., Odegaard, et al
  2022; 80 (3): 256-275

- **Lessons learned in the Apple Heart Study and implications for the data management of future digital clinical trials.** *Journal of biopharmaceutical statistics*
  Garcia, A., Balasubramanian, V., Lee, J., Gardner, R., Gummidipundi, S., Hung, G., Ferris, T., Cheung, L., Granger, C., Kowey, P., Rumsfeld, J., Russo, A., Hills, et al
  2022: 1-15

- **Getting Smart About Wearable ECG Interpretation in the Clinic.** *JACC. Clinical electrophysiology*
  Perez, M. V.
  2022; 8 (6): 792-794

- **Sedentary Behavior and Atrial Fibrillation in Older Women: The OPACH Study.** *Journal of the American Heart Association*
  Boursiquot, B. C., Bellettiere, J., LaMonte, M. J., LaCroix, A. Z., Perez, M. V.
  2022: e023833

- **Generation of two induced pluripotent stem cell lines from Brugada syndrome affected patients carrying SCN5A mutations.** *Stem cell research*
  Belbachir, N., Lai, C., Rhee, J., Zhuge, Y., Perez, M. V., Sallam, K., Wu, J. C.
  2021; 57: 102605

- **Disruption of Protein Quality Control of Human Ether-a-go-go Related Gene K+ Channel Results in Profound Long QT Syndrome.** *Heart rhythm*
  Ledford, H. A., Ren, L., Thai, P. N., Park, S., Timofeyev, V., Sirish, P., Xu, W., Emigh, A. M., Priest, J. R., Perez, M. V., Ashley, E. A., Yarov-Yarovoy, V., Yamoah, et al
  2021

- **Epigenetic Age and the Risk of Incident Atrial Fibrillation.** *Circulation*
  Roberts, J. D., Vittinghoff, E., Lu, A. T., Alonso, A., Wang, B., Sitlani, C. M., Mohammadi-Shemirani, P., Fornage, M., Kornej, J., Brody, J. A., Arking, D. E., Lin, H., Heckbert, et al
  2021

- **Exercise Effects On Cardiovascular Disease: From Basic Aspects To Clinical Evidence.** *Cardiovascular research*
  Sanchis-Gomar, F., Lavie, C. J., Marin, J., Perez-Quilis, C., Eijsvogels, T. M., O'Keefe, J. H., Perez, M. V., Blair, S. N.
  2021

- **Long-Term Exposures to Air Pollution and the Risk of Atrial Fibrillation in the Women's Health Initiative Cohort.** *Environmental health perspectives*
  Hart, J. E., Hohensee, C., Laden, F., Holland, I., Whitsel, E. A., Wellenius, G. A., Winkelmayer, W. C., Sarto, G. E., Warsinger Martin, L., Manson, J. E., Greenland, P., Kaufman, J., Albert, et al
  2021; 129 (9): 97007

- **Generation of three induced pluripotent stem cell lines (SCVIi014-A, SCVIi015-A, and SCVIi016-A) from patients with LQT1 caused by heterozygous mutations in the KCNQ1 gene.** *Stem cell research*
  Zhang, H., Jahng, J. W., Liu, Y., Chase, A. J., Perez, M. V., Wu, J. C.
  2021; 55: 102492

- **Role of digital health in detection and management of atrial fibrillation.** *Heart (British Cardiac Society)*
  Tooley, J. E., Perez, M. V.
  2021

- **Rare Coding Variants Associated with Electrocardiographic Intervals Identify Monogenic Arrhythmia Susceptibility Genes: A Multi-ancestry Analysis.** *Circulation. Genomic and precision medicine*
  Choi, S. H., Jurgens, S. J., Haggerty, C. M., Hall, A. W., Halford, J. L., Morrill, V. N., Weng, L., Lagerman, B., Mirshahi, T., Pettinger, M., Guo, X., Lin, H. J., Alonso, et al
  2021

- **Management of Congenital Long-QT Syndrome: Commentary From the Experts.** *Circulation. Arrhythmia and electrophysiology*
  Kaufman, E. S., Eckhardt, L. L., Ackerman, M. J., Aziz, P. F., Behr, E. R., Cerrone, M., Chung, M. K., Cutler, M. J., Etheridge, S. P., Krahn, A. D., Lubitz, S. A., Perez, M. V., Priori, et al
  2021: CIRCEP120009726

- **Antiarrhythmic drug loading at home using remote monitoring: a virtual feasibility study during COVID-19 social distancing.** *European heart journal. Digital health*
  Shah, R. L., Kapoor, R., Bonnett, C., Ottoboni, L. K., Tacklind, C., Tsiperfal, A., Perez, M. V.
  2021; 2 (2): 259-262

- **Generation of three heterozygous KCNH2 mutation-carrying human induced pluripotent stem cell lines for modeling LQT2 syndrome.** *Stem cell research*
  Mondejar-Parreno, G., Jahng, J. W., Belbachir, N., Wu, B. C., Zhang, X., Perez, M. V., Badhwar, N., Wu, J. C.
  2021; 54: 102402

- **Generation of three induced pluripotent stem cell lines, SCVIi003-A, SCVIi004-A, SCVIi005-A, from patients with ARVD/C caused by heterozygous mutations in the PKP2 gene.** *Stem cell research*
  Jahng, J. W., Black, K. E., Liu, L., Bae, H. R., Perez, M., Ashley, E. A., Sallam, K., Wu, J. C.
  2021; 53: 102284

- **Palpitations in an Elite Running Athlete: When to Run Through the Beat? A Case Report.** *Current sports medicine reports*
  Giacomazzi, C., Diaz, R., Syrop, I., Perez, M., Froelicher, V. F., Fredericson, M.
  2021; 20 (2): 84–86

- **Sequencing of 53,831 diverse genomes from the NHLBI TOPMed Program.** *Nature*
  Taliun, D., Harris, D. N., Kessler, M. D., Carlson, J., Szpiech, Z. A., Torres, R., Taliun, S. A., Corvelo, A., Gogarten, S. M., Kang, H. M., Pitsillides, A. N., LeFaive, J., Lee, et al
  2021; 590 (7845): 290–99

- **Research Priorities in Atrial Fibrillation Screening: A Report From a National Heart, Lung, and Blood Institute Virtual Workshop.** *Circulation*
  Benjamin, E. J., Go, A. S., Desvigne-Nickens, P., Anderson, C. D., Casadei, B., Chen, L. Y., Crijns, H. J., Freedman, B., Hills, M. T., Healey, J. S., Kamel, H., Kim, D., Link, et al
  2021; 143 (4): 372–88

- **Evaluation of gene validity for CPVT and short QT syndrome in sudden arrhythmic death.** *European heart journal*
  Walsh, R., Adler, A., Amin, A. S., Abiusi, E., Care, M., Bikker, H., Amenta, S., Feilotter, H., Nannenberg, E. A., Mazzarotto, F., Trevisan, V., Garcia, J., Hershberger, et al
  2021

- **Antiarrhythmic Drug Loading at Home Using Remote Monitoring: A Virtual Feasibility Study During COVID-19 Social Distancing** *European Heart Journal Digital Health*
  Shah, R. L., Kapoor, R., Bonnett, C., Ottoboni, L. K., Tacklind, C., Tsiperfal, A., Perez, M. V.
  2021

- **Combining Clinical and Polygenic Risk Improves Stroke Prediction Among Individuals with Atrial Fibrillation.** *Circulation. Genomic and precision medicine*
  O'Sullivan, J. W., Shcherbina, A., Justesen, J. M., Turakhia, M., Perez, M., Wand, H., Tcheandjieu, C., Clarke, S. L., Rivas, M. A., Ashley, E. A.
  2021

- **Arrhythmias Other Than Atrial Fibrillation in Those With an Irregular Pulse Detected With a Smartwatch: Findings From the Apple Heart Study.** *Circulation. Arrhythmia and electrophysiology*
  Perino, A. C., Gummidipundi, S. E., Lee, J., Hedlin, H., Garcia, A., Ferris, T., Balasubramanian, V., Gardner, R. M., Cheung, L., Hung, G., Granger, C. B., Kowey, P., Rumsfeld, et al
  2021: CIRCEP121010063

- **Consumer wearable technologies to identify and monitor exercise-related arrhythmias in athletes.** *Current opinion in cardiology*
  Sanchis-Gomar, F., Lavie, C. J., Perez, M. V.
  2020

- **Inherited causes of clonal haematopoiesis in 97,691 whole genomes.** *Nature*

Bick, A. G., Weinstock, J. S., Nandakumar, S. K., Fulco, C. P., Bao, E. L., Zekavat, S. M., Szeto, M. D., Liao, X., Leventhal, M. J., Nasser, J., Chang, K., Laurie, C., Burugula, et al

2020

- **Digital Health and the Care of the Arrhythmia Patient; What Every Electrophysiologist Needs to Know.** *Circulation. Arrhythmia and electrophysiology*

  Tarakji, K. G., Silva, J. N., Chen, L. Y., Turakhia, M. P., Perez, M. V., Attia, Z. I., Passman, R., Boissy, A., Cho, D. J., Majmudar, M., Mehta, N., Wan, E. Y., Chung, et al

  2020

- **Apelin increases atrial conduction velocity, refractoriness, and prevents inducibility of atrial fibrillation.** *JCI insight*

  Kim, Y. M., Lakin, R., Zhang, H., Liu, J., Sachedina, A., Singh, M., Wilson, E., Perez, M., Verma, S., Quertermous, T., Olgin, J., Backx, P. H., Ashley, et al

  2020; 5 (17)

- **Genetic Determinants of Electrocardiographic P-wave Duration and Relation to Atrial Fibrillation.** *Circulation. Genomic and precision medicine*

  Weng, L., Hall, A. W., Choi, S. H., Jurgens, S. J., Haessler, J., Bihlmeyer, N. A., Grarup, N., Lin, H., Teumer, A., Li-Gao, R., Yao, J., Guo, X., Brody, et al

  2020

- **Amiodarone in the COVID-19 Era: Treatment for Symptomatic Patients Only, or Drug to Prevent Infection?** *American journal of cardiovascular drugs : drugs, devices, and other interventions*

  Sanchis-Gomar, F., Lavie, C. J., Morin, D. P., Perez-Quilis, C., Laukkanen, J. A., Perez, M. V.

  2020

- **Artificial Intelligence and Machine Learning in Arrhythmias and Cardiac Electrophysiology.** *Circulation. Arrhythmia and electrophysiology*

  Feeny, A. K., Chung, M. K., Madabhushi, A., Attia, Z. I., Cikes, M., Firouznia, M., Friedman, P. A., Kalscheur, M. M., Kapa, S., Narayan, S. M., Noseworthy, P. A., Passman, R. S., Perez, et al

  2020

- **How Will Genetics Inform the Clinical Care of Atrial Fibrillation?** *CIRCULATION RESEARCH*

  Shoemaker, M., Shah, R. L., Roden, D. M., Perez, M.

  2020; 127 (1): 111–27

- **A Smartwatch to Identify Atrial Fibrillation REPLY** *NEW ENGLAND JOURNAL OF MEDICINE*

  Turakhia, M. P., Desai, M., Perez, M. V.

  2020; 382 (10): 975–76

- **An International Multi-Center Evaluation of Type 5 Long QT Syndrome: A Low Penetrant Primary Arrhythmic Condition.** *Circulation*

  Roberts, J. D., Asaki, S. Y., Mazzanti, A. n., Bos, J. M., Tuleta, I. n., Muir, A. R., Crotti, L. n., Krahn, A. D., Kutyifa, V. n., Shoemaker, M. B., Johnsrude, C. L., Aiba, T. n., Marcondes, et al

  2020

- **Accuracy of Smartphone Camera Applications for Detecting Atrial Fibrillation: A Systematic Review and Meta-analysis.** *JAMA network open*

  O'Sullivan, J. W., Grigg, S. n., Crawford, W. n., Turakhia, M. P., Perez, M. n., Ingelsson, E. n., Wheeler, M. T., Ioannidis, J. P., Ashley, E. A.

  2020; 3 (4): e202064

- **Exercise-induced right ventricular injury or arrhythmogenic cardiomyopathy (ACM): The bright side and the dark side of the moon.** *Progress in cardiovascular diseases*

  Leischik, R. n., Strauss, M. n., Horlitz, M. n., Pareja-Galeano, H. n., de la Guía-Galipienso, F. n., Lippi, G. n., Lavie, C. J., Perez, M. V., Sanchis-Gomar, F. n.

  2020

- **A Smartwatch to Identify Atrial Fibrillation. Reply.** *The New England journal of medicine*

  Turakhia, M. P., Desai, M. n., Perez, M. V.

  2020; 382 (10): 975–76

- **Structural Abnormalities on Cardiac Magnetic Resonance Imaging in Patients With Catecholaminergic Polymorphic Ventricular Tachycardia.** *JACC. Clinical electrophysiology*

  Gerber, D. A., Dubin, A. M., Ceresnak, S. R., Motonaga, K. S., Bussineau, M. n., Dunn, K. n., Caleshu, C. n., Shoemaker, M. B., Lubitz, S. A., Perez, M. V.

2020; 6 (6): 741–42

- **An International, Multicentered, EvidenceBased Reappraisal of Genes Reported to Cause Congenital Long QT Syndrome.** *Circulation*
  Adler, A. n., Novelli, V. n., Amin, A. S., Abiusi, E. n., Care, M. n., Nannenberg, E. A., Feilotter, H. n., Amenta, S. n., Mazza, D. n., Bikker, H. n., Sturm, A. C., Garcia, J. n., Ackerman, et al
  2020

- **Apple Watch App Identifies Clinically Important Arrhythmias Other Than Atrial Fibrillation: Results From the Apple Heart Study**
  Perez, M. V., Mahaffey, K., Hedlin, H., Rumsfeld, J. S., Garcia, A., Ferris, T., Balasubramanian, V., Russo, A. M., Rajmane, A., Cheung, L., Hung, G., Lee, J., Kowey, et al
  LIPPINCOTT WILLIAMS & WILKINS.2019: E988

- **Body mass index and body composition in relation to 14 cardiovascular conditions in UK Biobank: a Mendelian randomization study.** *European heart journal*
  Larsson, S. C., Bäck, M., Rees, J. M., Mason, A. M., Burgess, S.
  2019

- **Comparison of QT Interval Measurement Methods and Correction Formulas in Atrial Fibrillation** *AMERICAN JOURNAL OF CARDIOLOGY*
  Tooley, J., Ouyang, D., Hadley, D., Turakhia, M., Wang, P., Ashley, E., Froelicher, V., Perez, M.
  2019; 123 (11): 1822–27

- **No evidence of a causal association of type 2 diabetes and glucose metabolism with atrial fibrillation** *DIABETOLOGIA*
  Harati, H., Zanetti, D., Rao, A., Gustafsson, S., Perez, M., Ingelsson, E., Knowles, J. W.
  2019; 62 (5): 800–804

- **Athletic Remodeling in Female College Athletes: The "Morganroth Hypothesis" Revisited** *CLINICAL JOURNAL OF SPORT MEDICINE*
  Kooreman, Z., Giraldeau, G., Finocchiaro, G., Kobayashi, Y., Wheeler, M., Perez, M., Moneghetti, K., Oxborough, D., George, K. P., Myers, J., Ashley, E., Haddad, F.
  2019; 29 (3): 224–31

- **Body composition and atrial fibrillation: a Mendelian randomization study** *EUROPEAN HEART JOURNAL*
  Tikkanen, E., Gustafsson, S., Knowles, J. W., Perez, M., Burgess, S., Ingelsson, E.
  2019; 40 (16): 1277-+

- **Comparison of QT Interval Measurement Methods and Correction Formulas in Atrial Fibrillation.** *The American journal of cardiology*
  Tooley, J., Ouyang, D., Hadley, D., Turakhia, M., Wang, P., Ashley, E., Froelicher, V., Perez, M.
  2019

- **Vitamin D with calcium supplementation and risk of atrial fibrillation in postmenopausal women** *AMERICAN HEART JOURNAL*
  Boursiquot, B. C., Larson, J. C., Shalash, O. A., Vitolins, M. Z., Soliman, E. Z., Perez, M.
  2019; 209: 68–78

- **No evidence of a causal association of type 2 diabetes and glucose metabolism with atrial fibrillation.** *Diabetologia*
  Harati, H., Zanetti, D., Rao, A., Gustafsson, S., Perez, M., Ingelsson, E., Knowles, J. W.
  2019

- **Body composition and atrial fibrillation: a Mendelian randomization study.** *European heart journal*
  Tikkanen, E., Gustafsson, S., Knowles, J. W., Perez, M., Burgess, S., Ingelsson, E.
  2019

- **Athletic Remodeling in Female College Athletes: The "Morganroth Hypothesis" Revisited.** *Clinical journal of sport medicine : official journal of the Canadian Academy of Sport Medicine*
  Kooreman, Z. n., Giraldeau, G. n., Finocchiaro, G. n., Kobayashi, Y. n., Wheeler, M. n., Perez, M. n., Moneghetti, K. n., Oxborough, D. n., George, K. P., Myers, J. n., Ashley, E. n., Haddad, F. n.
  2019; 29 (3): 224–31

- **Rationale and design of a large-scale, app-based study to identify cardiac arrhythmias using a smartwatch: The Apple Heart Study** *AMERICAN HEART JOURNAL*
  Turakhia, M. P., Desai, M., Hedlin, H., Rajmane, A., Talati, N., Ferris, T., Desai, S., Nag, D., Patel, M., Kowey, P., Rumsfeld, J. S., Russo, A. M., Hills, et al
  2019; 207: 66–75

- **Atrial fibrillation genetic risk differentiates cardioembolic stroke from other stroke subtypes** *NEUROLOGY-GENETICS*
  Pulit, S. L., Weng, L., McArdle, P. F., Trinquart, L., Choi, S., Mitchell, B. D., Rosand, J., de Bakker, P. I. W., Benjamin, E. J., Ellinor, P. T., Kittner, S. J., Lubitz, S. A., Anderson, et al
  2018; 4 (6): e293

- **Rationale and design of a large-scale, app-based study to identify cardiac arrhythmias using a smartwatch: The Apple Heart Study.** *American heart journal*
  Turakhia, M. P., Desai, M., Hedlin, H., Rajmane, A., Talati, N., Ferris, T., Desai, S., Nag, D., Patel, M., Kowey, P., Rumsfeld, J. S., Russo, A. M., Hills, et al
  2018

- **Incident Atrial Fibrillation Is Associated With MYH7 Sarcomeric Gene Variation in Hypertrophic Cardiomyopathy.** *Circulation. Heart failure*
  Lee, S., Ashley, E. A., Homburger, J., Caleshu, C., Green, E. M., Jacoby, D., Colan, S. D., Arteaga-Fernandez, E., Day, S. M., Girolami, F., Olivotto, I., Michels, M., Ho, et al
  2018; 11 (9): e005191

- **Effects of reproductive period duration and number of pregnancies on midlife ECG indices: a secondary analysis from the Women's Health Initiative Clinical Trial** *BMJ OPEN*
  Parikh, N. I., Kapphahn, K., Hedlin, H., Olgin, J. E., Allison, M. A., Magnani, J. W., Ryckman, K. R., Waring, M. E., Perez, M., Howard, B. V.
  2018; 8 (8): e019129

- **Exome-chip meta-analysis identifies novel loci associated with cardiac conduction, including ADAMTS6** *GENOME BIOLOGY*
  Prins, B. P., Mead, T. J., Brody, J. A., Sveinbjornsson, G., Ntalla, I., Bihlmeyer, N. A., van den Berg, M., Bork-Jensen, J., Cappellani, S., Van Duijvenboden, S., Klena, N. T., Gabriel, G. C., Liu, et al
  2018; 19: 87

- **Genome Editing of Induced PluripotentStem Cells to Decipher CardiacChannelopathy Variant.** *Journal of the American College of Cardiology*
  Garg, P., Oikonomopoulos, A., Chen, H., Li, Y., Lam, C. K., Sallam, K., Perez, M., Lux, R. L., Sanguinetti, M. C., Wu, J. C.
  2018; 72 (1): 62–75

- **Thiazolidinediones and Risk of Atrial Fibrillation Among Patients with Diabetes and Coronary Disease** *AMERICAN JOURNAL OF MEDICINE*
  Pallisgaard, J., Brooks, M., Chaitman, B. R., Boothroyd, D. B., Pere, M., Hlatk, M. A., Bypass Angioplasty Revascularizati
  2018; 131 (7): 805–12

- **Atrial Fibrillation Burden: Moving Beyond Atrial Fibrillation as a Binary Entity: A Scientific Statement From the American Heart Association.** *Circulation*
  Chen, L. Y., Chung, M. K., Allen, L. A., Ezekowitz, M., Furie, K. L., McCabe, P., Noseworthy, P. A., Perez, M. V., Turakhia, M. P.
  2018; 137 (20): e623-e644

- **Common and Rare Coding Genetic Variation Underlying the Electrocardiographic PR Interval.** *Circulation. Genomic and precision medicine*
  Lin, H., van Setten, J., Smith, A. V., Bihlmeyer, N. A., Warren, H. R., Brody, J. A., Radmanesh, F., Hall, L., Grarup, N., Muller-Nurasyid, M., Boutin, T., Verweij, N., Lin, et al
  2018; 11 (5): e002037

- **Large Q and S waves in lead III on the electrocardiogram distinguish patients with hypertrophic cardiomyopathy from athletes.** *Heart (British Cardiac Society)*
  Chen, A. S., Bent, R. E., Wheeler, M., Knowles, J. W., Haddad, F., Froelicher, V., Ashley, E., Perez, M. V.
  2018

- **Ring Finger Protein 207 Degrades T613M Kv11.1 Channel**
  Ledford, H. A., Park, S., Sirish, P., Xu, W., Emigh, A. M., Timofeyev, V., Priest, J. R., Perez, M. V., Ashley, E. A., Yarov-Yarovoy, V., Zhang, X., Chiamvimonvat, N.
  CELL PRESS.2018: 625A

- **ExomeChip-Wide Analysis of 95 626 Individuals Identifies 10 Novel Loci Associated With QT and JT Intervals** *CIRCULATION-CARDIOVASCULAR GENETICS*
  Bihlmeyer, N. A., Brody, J. A., Smith, A., Warren, H. R., Lin, H., Isaacs, A., Liu, C., Marten, J., Radmanesh, F., Hall, L. M., Grarup, N., Mei, H., Muller-Nurasyid, et al
  2018; 11 (1)

- **Video-assisted thoracoscopic surgery to displace the phrenic nerve during endocardial ablation of right atrial tachycardia.** *HeartRhythm case reports*

Mesquita, J. n., Bisla, J. n., Lee, A. n., Perez, M. n.
2018; 4 (7): 304–6

- **Vitamin D with calcium supplementation and risk of atrial fibrillation in postmenopausal women.** *American heart journal*
  Boursiquot, B. C., Larson, J. C., Shalash, O. A., Vitolins, M. Z., Soliman, E. Z., Perez, M. V.
  2018; 209: 68–78

- **Athletic Remodeling in Female College Athletes, the "Morganroth Hypothesis" Revisited.** *Clinical journal of sport medicine : official journal of the Canadian Academy of Sport Medicine*
  Kooreman, Z. n., Giraldeau, G. n., Finocchiaro, G. n., Kobayashi, Y. n., Wheeler, M. n., Perez, M. n., Moneghetti, K. n., Oxborough, D. n., George, K. P., Myers, J. n., Ashley, E. n., Haddad, F. n.
  2018

- **Genome-wide association study of heart rate and its variability in Hispanic/Latino cohorts** *HEART RHYTHM*
  Kerr, K. F., Avery, C. L., Lin, H. J., Raffield, L. M., Zhang, Q. S., Browning, B. L., Browning, S. R., Conomos, M. P., Gogarten, S. M., Laurie, C. C., Sofer, T., Thornton, T. A., Hohensee, et al
  2017; 14 (11): 1675–84

- **The Expressed Genome in Cardiovascular Diseases and Stroke: Refinement, Diagnosis, and Prediction: A Scientific Statement From the American Heart Association.** *Circulation. Cardiovascular genetics*
  Musunuru, K., Ingelsson, E., Fornage, M., Liu, P., Murphy, A. M., Newby, L. K., Newton-Cheh, C., Perez, M. V., Voora, D., Woo, D.
  2017; 10 (4)

- **Large-scale analyses of common and rare variants identify 12 new loci associated with atrial fibrillation.** *Nature genetics*
  Christophersen, I. E., Rienstra, M., Roselli, C., Yin, X., Geelhoed, B., Barnard, J., Lin, H., Arking, D. E., Smith, A. V., Albert, C. M., Chaffin, M., Tucker, N. R., Li, et al
  2017; 49 (6): 946-952

- **Left atrial function and phenotypes in asymmetric hypertrophic cardiomyopathy.** *Echocardiography (Mount Kisco, N.Y.)*
  Kobayashi, Y., Wheeler, M., Finocchiaro, G., Ariyama, M., Kobayashi, Y., Perez, M. V., Liang, D., Kuznetsova, T., Schnittger, I., Ashley, E., Haddad, F.
  2017

- **International criteria for electrocardiographic interpretation in athletes.** *British journal of sports medicine*
  Drezner, J. A., Sharma, S., Baggish, A., Papadakis, M., Wilson, M. G., Prutkin, J. M., Gerche, A. L., Ackerman, M. J., Borjesson, M., Salerno, J. C., Asif, I. M., Owens, D. S., Chung, et al
  2017

- **The Associations of Atrial Fibrillation With the Risks of Incident Invasive Breast and Colorectal Cancers** *AMERICAN JOURNAL OF EPIDEMIOLOGY*
  Wassertheil-Smoller, S., McGinn, A. P., Martin, L., Rodriguez, B. L., Stefanick, M. L., Perez, M.
  2017; 185 (5): 372-384

- **International Recommendations for Electrocardiographic Interpretation in Athletes** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*
  Sharma, S., Drezner, J. A., Baggish, A., Papadakis, M., Wilson, M. G., Prutkin, J. M., La Gerche, A., Ackerman, M. J., Borjesson, M., Salerno, J. C., Asif, I. M., Owens, D. S., Chung, et al
  2017; 69 (8): 1057-1075

- **International Recommendations for Electrocardiographic Interpretation in Athletes.** *Journal of the American College of Cardiology*
  Sharma, S., Drezner, J. A., Baggish, A., Papadakis, M., Wilson, M. G., Prutkin, J. M., La Gerche, A., Ackerman, M. J., Borjesson, M., Salerno, J. C., Asif, I. M., Owens, D. S., Chung, et al
  2017; 69 (8): 1057-1075

- **Orexin: a Missing Link Between Sleep Disorders and Heart Failure?** *Current heart failure reports*
  Pan, S., Cabral, C. S., Ashley, E. A., Perez, M. V.
  2017

- **Safety and Clinical Outcomes of Catheter Ablation of Atrial Fibrillation in Patients With Chronic Kidney Disease** *JOURNAL OF CARDIOVASCULAR ELECTROPHYSIOLOGY*
  Ullal, A. J., Kaiser, D. W., Fan, J., Schmitt, S. K., Than, C. T., Winkelmayer, W. C., Heidenreich, P. A., Piccini, J. P., Perez, M. V., Wang, P. J., Turakhia, M. P.

2017; 28 (1): 39-48

- **Early somatic mosaicism is a rare cause of long-QT syndrome** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*

  Priest, J. R., Gawad, C., Kahlig, K. M., Yu, J. K., O'Hara, T., Boyle, P. M., Rajamani, S., Clark, M. J., Garcia, S. T., Ceresnak, S., Harris, J., Boyle, S., Dewey, et al

  2016; 113 (41): 11555-11560

- **The associations of leptin, adiponectin and resistin with incident atrial fibrillation in women.** *Heart*

  Ermakov, S., Azarbal, F., Stefanick, M. L., LaMonte, M. J., Li, W., Tharp, K. M., Martin, L. W., Nassir, R., Salmoirago-Blotcher, E., Albert, C. M., Manson, J. E., Assimes, T. L., Hlatky, et al

  2016; 102 (17): 1354-1362

- **Whole Exome Sequencing in Atrial Fibrillation** *PLOS GENETICS*

  Lubitz, S. A., Brody, J. A., Bihlmeyer, N. A., Roselli, C., Weng, L., Christophersen, I. E., Alonso, A., Boerwinkle, E., Gibbs, R. A., Bis, J. C., Cupples, L. A., Mohler, P. J., Nickerson, et al

  2016; 12 (9)

- **Optimizing QT Interval Measurement for the Preparticipation Screening of Young Athletes.** *Medicine and science in sports and exercise*

  Pickham, D., Hsu, D., Soofi, M., Goldberg, J. M., Saini, D., Hadley, D., Perez, M., Froelicher, V. F.

  2016; 48 (9): 1745-1750

- **Genetic Investigation Into the Differential Risk of Atrial Fibrillation Among Black and White Individuals.** *JAMA cardiology*

  Roberts, J. D., Hu, D., Heckbert, S. R., Alonso, A., Dewland, T. A., Vittinghoff, E., Liu, Y., Psaty, B. M., Olgin, J. E., Magnani, J. W., Huntsman, S., Burchard, E. G., Arking, et al

  2016; 1 (4): 442-50

- **Racial and ethnic differences in atrial fibrillation risk factors and predictors in women: Findings from the Women's Health Initiative** *AMERICAN HEART JOURNAL*

  Rodriguez, F., Stefanick, M. L., Greenland, P., Soliman, E. Z., Manson, J. E., Parikh, N., Martin, L. W., Larson, J. C., Hlatky, M., Nassir, R., Cene, C. W., Rodriguez, B. L., Albert, et al

  2016; 176: 70-77

- **Long-Term Prognosis of Early Repolarization With J-Wave and QRS Slur Patterns on the Resting Electrocardiogram: A Cohort Study.** *Annals of internal medicine*

  Pargaonkar, V. S., Perez, M. V., Jindal, A., Mathur, M. B., Myers, J., Froelicher, V. F.

  2015; 163 (10): 747-755

- **Gender Differences in Ventricular Remodeling and Function in College Athletes, Insights from Lean Body Mass Scaling and Deformation Imaging** *AMERICAN JOURNAL OF CARDIOLOGY*

  Giraldeau, G., Kobayashi, Y., Finocchiaro, G., Wheeler, M., Perez, M., Kuznetsova, T., Lord, R., George, K. P., Oxborough, D., Schnittger, T., Froelicher, V., Liang, D., Ashley, et al

  2015; 116 (10): 1610-1616

- **Limitations of Current AHA Guidelines and Proposal of New Guidelines for the Preparticipation Examination of Athletes** *CLINICAL JOURNAL OF SPORT MEDICINE*

  Dunn, T. P., Pickham, D., Aggarwal, S., Saini, D., Kumar, N., Wheeler, M. T., Perez, M., Ashley, E., Froelicher, V. F.

  2015; 25 (6): 472-477

- **Reply to van Oosten et al: "P-Wave Characteristics on Routine Preoperative Electrocardiogram Improve Prediction of New-Onset Postoperative Atrial Fibrillation in Cardiac Surgery".** *Journal of cardiothoracic and vascular anesthesia*

  Wong, J. K., Maxwell, B. G., Perez, M. V.

  2015; 29 (5): e63-4

- **Systematic Comparison of Digital Electrocardiograms From Healthy Athletes and Patients With Hypertrophic Cardiomyopathy.** *Journal of the American College of Cardiology*

  Bent, R. E., Wheeler, M. T., Hadley, D., Knowles, J. W., Pavlovic, A., Finocchiaro, G., Haddad, F., Salisbury, H., Race, S., Shmargad, Y., Matheson, G. O., Kumar, N., Saini, et al

  2015; 65 (22): 2462-2463

- **Feasibility of Extended Ambulatory Electrocardiogram Monitoring to Identify Silent Atrial Fibrillation in High-risk Patients: The Screening Study for Undiagnosed Atrial Fibrillation (STUDY-AF)** *CLINICAL CARDIOLOGY*

Turakhia, M. P., Ullal, A. J., Hoang, D. D., Than, C. T., Miller, J. D., Friday, K. J., Perez, M. V., Freeman, J. V., Wang, P. J., Heidenreich, P. A.
2015; 38 (5): 285-292

- **Computerized Q wave dimensions in athletes and hypertrophic cardiomyopathy patients** *JOURNAL OF ELECTROCARDIOLOGY*
  Bent, R. E., Wheeler, M. T., Hadley, D., Froelicher, V., Ashley, E., Perez, M. V.
  2015; 48 (3): 362-367

- **Race and ethnicity, obesity, metabolic health, and risk of cardiovascular disease in postmenopausal women.** *Journal of the American Heart Association*
  Schmiegelow, M. D., Hedlin, H., Mackey, R. H., Martin, L. W., Vitolins, M. Z., Stefanick, M. L., Perez, M. V., Allison, M., Hlatky, M. A.
  2015; 4 (5)

- **Cardiopulmonary responses and prognosis in hypertrophic cardiomyopathy: a potential role for comprehensive noninvasive hemodynamic assessment.** *JACC. Heart failure*
  Finocchiaro, G., Haddad, F., Knowles, J. W., Caleshu, C., Pavlovic, A., Homburger, J., Shmargad, Y., Sinagra, G., Magavern, E., Wong, M., Perez, M., Schnittger, I., Myers, et al
  2015; 3 (5): 408-418

- **Genetic risk for atrial fibrillation could motivate patient adherence to warfarin therapy: a cost effectiveness analysis.** *BMC cardiovascular disorders*
  Shiffman, D., Perez, M. V., Bare, L. A., Louie, J. Z., Arellano, A. R., Devlin, J. J.
  2015; 15: 104-?

- **Genetic risk for atrial fibrillation could motivate patient adherence to warfarin therapy: a cost effectiveness analysis.** *BMC cardiovascular disorders*
  Shiffman, D., Perez, M. V., Bare, L. A., Louie, J. Z., Arellano, A. R., Devlin, J. J.
  2015; 15 (1): 104-?

- **P-Wave Characteristics on Routine Preoperative Electrocardiogram Improve Prediction of New-Onset Postoperative Atrial Fibrillation in Cardiac Surgery** *JOURNAL OF CARDIOTHORACIC AND VASCULAR ANESTHESIA*
  Wong, J. K., Lobato, R. L., Pinesett, A., Maxwell, B. G., Mora-Mangano, C. T., Perez, M. V.
  2014; 28 (6): 1497-1504

- **Evidence of Heterogeneity by Race/Ethnicity in Genetic Determinants of QT Interval.** *Epidemiology (Cambridge, Mass.)*
  Seyerle, A. A., Young, A. M., Jeff, J. M., Melton, P. E., Jorgensen, N. W., Lin, Y., Carty, C. L., Deelman, E., Heckbert, S. R., Hindorff, L. A., Jackson, R. D., Martin, L. W., Okin, et al
  2014; 25 (6): 790-8

- **Evidence of Heterogeneity by Race/Ethnicity in Genetic Determinants of QT Interval** *EPIDEMIOLOGY*
  Seyerle, A. A., Young, A. M., Jeff, J. M., Melton, P. E., Jorgensen, N. W., Lin, Y., Carty, C. L., Deelman, E., Heckbert, S. R., Hindorff, L. A., Jackson, R. D., Martin, L. W., Okin, et al
  2014; 25 (6): 790-798

- **Molecular diagnosis of long QT syndrome at 10 days of life by rapid whole genome sequencing.** *Heart rhythm*
  Priest, J. R., Ceresnak, S. R., Dewey, F. E., Malloy-Walton, L. E., Dunn, K., Grove, M. E., Perez, M. V., Maeda, K., Dubin, A. M., Ashley, E. A.
  2014; 11 (10): 1707-1713

- **Association Between Success Rate and Citation Count of Studies of Radiofrequency Catheter Ablation for Atrial Fibrillation Possible Evidence of Citation Bias** *CIRCULATION-CARDIOVASCULAR QUALITY AND OUTCOMES*
  Perino, A. C., Hoang, D. D., Holmes, T. H., Santangeli, P., Heidenreich, P. A., Perez, M. V., Wang, P. J., Turakhia, M. P.
  2014; 7 (5): 687-692

- **Association between success rate and citation count of studies of radiofrequency catheter ablation for atrial fibrillation: possible evidence of citation bias.** *Circulation. Cardiovascular quality and outcomes*
  Perino, A. C., Hoang, D. D., Holmes, T. H., Santangeli, P., Heidenreich, P. A., Perez, M. V., Wang, P. J., Turakhia, M. P.
  2014; 7 (5): 687-692

- **Obesity, physical activity, and their interaction in incident atrial fibrillation in postmenopausal women.** *Journal of the American Heart Association*
  Azarbal, F., Stefanick, M. L., Salmoirago-Blotcher, E., Manson, J. E., Albert, C. M., LaMonte, M. J., Larson, J. C., Li, W., Martin, L. W., Nassir, R., Garcia, L., Assimes, T. L., Tharp, et al

2014; 3 (4)

- **Exercise capacity and paroxysmal atrial fibrillation in patients with hypertrophic cardiomyopathy.** *Heart*
  Azarbal, F., Singh, M., Finocchiaro, G., Le, V., Schnittger, I., Wang, P., Myers, J., Ashley, E., Perez, M.
  2014; 100 (8): 624-630
- **Latent obstruction and left atrial size are predictors of clinical deterioration leading to septal reduction in hypertrophic cardiomyopathy.** *Journal of cardiac failure*
  Finocchiaro, G., Haddad, F., Pavlovic, A., Sinagra, G., Schnittger, I., Knowles, J. W., Perez, M., Magavern, E., Myers, J., Ashley, E.
  2014; 20 (4): 236-243
- **Patterns and prognosis of all components of the J-wave pattern in multiethnic athletes and ambulatory patients.** *American heart journal*
  Muramoto, D., Yong, C. M., Singh, N., Aggarwal, S., Perez, M., Ashley, E., Hadley, D., Froelicher, V.
  2014; 167 (2): 259-266
- **Prevalence and clinical correlates of right ventricular dysfunction in patients with hypertrophic cardiomyopathy.** *American journal of cardiology*
  Finocchiaro, G., Knowles, J. W., Pavlovic, A., Perez, M., Magavern, E., Sinagra, G., Haddad, F., Ashley, E. A.
  2014; 113 (2): 361-367
- **Use of Medicare data to identify coronary heart disease outcomes in the Women's Health Initiative.** *Circulation. Cardiovascular quality and outcomes*
  Hlatky, M. A., Ray, R. M., Burwen, D. R., Margolis, K. L., Johnson, K. C., Kucharska-Newton, A., Manson, J. E., Robinson, J. G., Safford, M. M., Allison, M., Assimes, T. L., Bavry, A. A., Berger, et al
  2014; 7 (1): 157-162
- **Electrocardiographic Repolarization-Related Variables as Predictors of Coronary Heart Disease Death in the Women's Health Initiative Study.** *Journal of the American Heart Association*
  Rautaharju, P. M., Zhang, Z., Vitolins, M., Perez, M., Allison, M. A., Greenland, P., Soliman, E. Z.
  2014; 3 (4)
- **Does CHA2DS2-VASc improve stroke risk stratification in postmenopausal women with atrial fibrillation?** *American journal of medicine*
  Abraham, J. M., Larson, J., Chung, M. K., Curtis, A. B., Lakshminarayan, K., Newman, J. D., Perez, M., Rexrode, K., Shara, N. M., Solomon, A. J., Stefanick, M. L., Torner, J. C., Wilkoff, et al
  2013; 126 (12): 1143 e1-8
- **Variation in Use of Left Ventriculography in the Veterans Affairs Health Care System** *CIRCULATION-CARDIOVASCULAR QUALITY AND OUTCOMES*
  Heidenreich, P. A., Lin, S., Knowles, J. W., Perez, M., Maddox, T. M., Ho, M. P., Rumsfeld, J. S., Sahay, A., Massie, B. M., Tsai, T. T., Witteles, R. M.
  2013; 6 (6): 687-693
- **Prognostic implications of the J wave ECG patterns.** *Journal of electrocardiology*
  Yong, C. M., Perez, M., Froelicher, V.
  2013; 46 (5): 408-410
- **African American race but not genome-wide ancestry is negatively associated with atrial fibrillation among postmenopausal women in the Women's Health Initiative.** *American heart journal*
  Perez, M. V., Hoffmann, T. J., Tang, H., Thornton, T., Stefanick, M. L., Larson, J. C., Kooperberg, C., Reiner, A. P., Caan, B., Iribarren, C., Risch, N.
  2013; 166 (3): 566-572
- **J wave patterns and their prognostic value in African Americans.** *Journal of electrocardiology*
  Perez, M. V., Froelicher, V.
  2013; 46 (5): 442-445
- **Risk factors for atrial fibrillation and their population burden in postmenopausal women: the Women's Health Initiative Observational Study.** *Heart*
  Perez, M. V., Wang, P. J., Larson, J. C., Soliman, E. Z., Limacher, M., Rodriguez, B., Klein, L., Manson, J. E., Martin, L. W., Prineas, R., Connelly, S., Hlatky, M., Wassertheil-Smoller, et al
  2013; 99 (16): 1173-1178
- **Different patterns of bundle-branch blocks and the risk of incident heart failure in the Women's Health Initiative (WHI) study.** *Circulation. Heart failure*

Zhang, Z., Rautaharju, P. M., Soliman, E. Z., Manson, J. E., Martin, L. W., Perez, M., Vitolins, M., Prineas, R. J.
2013; 6 (4): 655-661

- **Taming Rare Variation With Known Biology in Long QT Syndrome.** *Circulation. Cardiovascular genetics*
  Perez, M. V., Ashley, E. A.
  2013; 6 (3): 227-229
- **From bedside to bench** *JOURNAL OF ELECTROCARDIOLOGY*
  Perez, M., Froelicher, V.
  2013; 46 (2): 114-115
- **Pacemaker Therapy in Atrial Fibrillation** *Journal of Cardiology and Vascular Medicine*
  Park, S., Wang, P. J., Zei, P. C., Hsia, H. H., Turakhi, M., Perez, M. V., Al-Ahmad, A. A.
  2013; 1: 1-7
- **Effects of Postmenopausal Hormone Therapy on Incident Atrial Fibrillation The Women's Health Initiative Randomized Controlled Trials** *CIRCULATION-ARRHYTHMIA AND ELECTROPHYSIOLOGY*
  Perez, M. V., Wang, P. J., Larson, J. C., Virnig, B. A., Cochrane, B., Curb, J. D., Klein, L., Manson, J. E., Martin, L. W., Robinson, J., Wassertheil-Smoller, S., Stefanick, M. L.
  2012; 5 (6): 1108-1116
- **Semantic Confusion: The Case of Early Repolarization and the J Point** *AMERICAN JOURNAL OF MEDICINE*
  Perez, M. V., Friday, K., Froelicher, V.
  2012; 125 (9): 843-844
- **Prognostic Implications of Q Waves and T-Wave Inversion Associated With Early Repolarization** *MAYO CLINIC PROCEEDINGS*
  Uberoi, A., Sallam, K., Perez, M., Jain, N. A., Ashley, E., Froelicher, V.
  2012; 87 (7): 614-619
- **Use and overuse of left ventriculography** *AMERICAN HEART JOURNAL*
  Witteles, R. M., Knowles, J. W., Perez, M., Morris, W. M., Spettell, C. M., Brennan, T. A., Heidenreich, P. A.
  2012; 163 (4): 617-?
- **The prognostic value of early repolarization with ST-segment elevation in African Americans** *HEART RHYTHM*
  Perez, M. V., Uberoi, A., Jain, N. A., Ashley, E., Turakhia, M. P., Froelicher, V.
  2012; 9 (4): 558-565
- **Catheter ablation of atrial fibrillation: state-of-the-art techniques and future perspectives** *JOURNAL OF CARDIOVASCULAR MEDICINE*
  Santangeli, P., Di Biase, L., Burkhardt, D. J., Horton, R., Sanchez, J., Bai, R., Pump, A., Perez, M., Wang, P. J., Natale, A., Al-Ahmad, A.
  2012; 13 (2): 108-124
- **Early Repolarization in an Ambulatory Clinical Population** *CIRCULATION*
  Uberoi, A., Jain, N. A., Perez, M., Weinkopff, A., Ashley, E., Hadley, D., Turakhia, M. P., Froelicher, V.
  2011; 124 (20): 2208-2214
- **The Impact of ST Elevation on Athletic Screening** *CLINICAL JOURNAL OF SPORT MEDICINE*
  Leo, T., Uberoi, A., Jain, N. A., Garza, D., Chowdhury, S., Freeman, J. V., Perez, M., Ashley, E., Froelicher, V.
  2011; 21 (5): 433-440
- **Interpretation of the Electrocardiogram of Young Athletes** *CIRCULATION*
  Uberoi, A., Stein, R., Perez, M. V., Freeman, J., Wheeler, M., Dewey, F., Peidro, R., Hadley, D., Drezner, J., Sharma, S., Pelliccia, A., Corrado, D., Niebauer, et al
  2011; 124 (6): 746-757
- **Gene Coexpression Network Topology of Cardiac Development, Hypertrophy, and Failure** *CIRCULATION-CARDIOVASCULAR GENETICS*
  Dewey, F. E., Perez, M. V., Wheeler, M. T., Watt, C., Spin, J., Langfelder, P., Horvath, S., Hannenhalli, S., Cappola, T. P., Ashley, E. A.
  2011; 4 (1): 26-U129
- **Personalized Medicine and Cardiovascular Disease: From Genome to Bedside** *Current Cardiovascular Risk Reports*
  S. Pan, F. E. Dewey, M. V. Perez, J. W. Knowles, R. Chen, A. J. Butte, E. A. Ashley
  2011; 5: 542-551

- **Cost-Effectiveness of Genetic Testing in Family Members of Patients With Long-QT Syndrome** *CIRCULATION-CARDIOVASCULAR QUALITY AND OUTCOMES*
  Perez, M. V., Kumarasamy, N. A., Owens, D. K., Wang, P. J., Hlatky, M. A.
  2011; 4 (1): 76-84
- **Inappropriate pacing in a patient with managed ventricular pacing: What is the cause?** *HEART RHYTHM*
  Perez, M. V., Al-Ahmad, A. A., Wang, P. J., Turakhia, M. P.
  2010; 7 (9): 1336-1337
- **Addition of the Electrocardiogram to the Preparticipation Examination of College Athletes** *CLINICAL JOURNAL OF SPORT MEDICINE*
  Le, V., Wheeler, M. T., Mandic, S., Dewey, F., Fonda, H., Perez, M., Sungar, G., Garza, D., Ashley, E. A., Matheson, G., Froelicher, V.
  2010; 20 (2): 98-105
- **Adding an Electrocardiogram to the Pre-participation Examination in Competitive Athletes: A Systematic Review** *CURRENT PROBLEMS IN CARDIOLOGY*
  Perez, M., Fonda, H., Le, V., Mitiku, T., Ray, J., Freeman, J. V., Ashley, E., Froelicher, V. F.
  2009; 34 (12): 586-662
- **Electrocardiographic predictors of atrial fibrillation** *AMERICAN HEART JOURNAL*
  Perez, M. V., Dewey, F. E., Marcus, R., Ashley, E. A., Al-Ahmad, A. A., Wang, P. J., Froelicher, V. F.
  2009; 158 (4): 622-628
- **Mechanisms of exercise intolerance in patients with hypertrophic cardiomyopathy** *AMERICAN HEART JOURNAL*
  Le, V., Perez, M. V., Wheeler, M. T., Myers, J., Schnittger, I., Ashley, E. A.
  2009; 158 (3): E27-E34
- **Statin Use and Ventricular Arrhythmias During Clinical Treadmill Testing** *JOURNAL OF CARDIOVASCULAR ELECTROPHYSIOLOGY*
  Dewey, F. E., Perez, M., Hadley, D., Freeman, J. V., Wang, P., Ashley, E. A., Myers, J., Froelicher, V. F.
  2009; 20 (2): 193-199
- **Added Value of a Resting ECG Neural Network That Predicts Cardiovascular Mortality** *ANNALS OF NONINVASIVE ELECTROCARDIOLOGY*
  Perez, M. V., Dewey, F. E., Tan, S. Y., Myers, J., Froelicher, V. F.
  2009; 14 (1): 26-34
- **Isolated Disease of the Proximal Left Anterior Descending Artery Comparing the Effectiveness of Percutaneous Coronary Interventions and Coronary Artery Bypass Surgery** *JACC-CARDIOVASCULAR INTERVENTIONS*
  Kapoor, J. R., Gienger, A. L., Ardehali, R., Varghese, R., Perez, M. V., Sundaram, V., McDonald, K. M., Owens, D. K., Hlatky, M. A., Bravata, D. M.
  2008; 1 (5): 483-491
- **Genetics of Arrhythmia: Disease Pathways Beyond Ion Channels** *JOURNAL OF CARDIOVASCULAR TRANSLATIONAL RESEARCH*
  Perez, M. V., Wheeler, M., Ho, M., Pavlovic, A., Wang, P., Ashley, E. A.
  2008; 1 (2): 155-165
- **Systematic review: The comparative effectiveness of percutaneous coronary interventions and coronary artery bypass graft surgery** *ANNALS OF INTERNAL MEDICINE*
  Bravata, D. M., Gienger, A. L., McDonald, K. M., Sundaram, V., Perez, M. V., Varghese, R., Kapoor, J. R., Ardehali, R., Owens, D. K., Hlatky, M. A.
  2007; 147 (10): 703-U139
- **Prognostic value of the computerized ECG in Hispanics** *CLINICAL CARDIOLOGY*
  Perez, M. V., Yaw, T. S., Myers, J., Froelicher, V. F.
  2007; 30 (4): 189-194
- **Giant coronary aneurysms in heart transplantation: an unusual presentation of cardiac allograft vasculopathy** *JOURNAL OF HEART AND LUNG TRANSPLANTATION*
  Haddad, F., Perez, M., Fleischmann, D., Valantine, H., Hunt, S. A.
  2006; 25 (11): 1367-1370
- **p300/MDM2 complexes participate in MDM2-mediated p53 degradation** *MOLECULAR CELL*
  Grossman, S. R., Perez, M., Kung, A. L., Joseph, M., Mansur, C., Xiao, Z. X., Kumar, S., Howley, P. M., Livingston, D. M.
  1998; 2 (4): 405-415