



Krishna Pundi, MD

Clinical Instructor, Medicine - Cardiovascular Medicine

CLINICAL OFFICE (PRIMARY)

- **Cardiovascular Medicine**

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Bio

BIO

Krishna Pundi, MD is a cardiac electrophysiologist and health services and outcomes researcher with a clinical interest in the management of ventricular arrhythmias and atrial fibrillation.

Dr. Pundi leads a multidisciplinary research program to study (1) clinical and arrhythmia-specific factors that predict cardiovascular risk for ventricular arrhythmias, (2) the interplay of frailty and obesity with atrial fibrillation outcomes, and (3) the role of digital health and wearables in arrhythmia care. He has led grant-funded research through the NIH, FDA, and ACC and collaborations with large device and quality databases including AHA's Get With the Guidelines. He has a special interest in innovation and regulatory science, having organized national Think Tanks of patients, investigators, and FDA to define the scientific and clinical use of wearable monitors. Dr. Pundi holds leadership roles through the American College of Cardiology, Heart Rhythm Society, Cardiovascular Sciences Research Consortium, and HRX - an innovation-focused meeting of clinicians, researcher, and industry.

CLINICAL FOCUS

- Clinical Cardiac Electrophysiology

ACADEMIC APPOINTMENTS

- Clinical Instructor, Medicine - Cardiovascular Medicine

ADMINISTRATIVE APPOINTMENTS

- Cardiac Electrophysiologist, Palo Alto VA Health Care System, (2025- present)
- Cardiac Electrophysiologist, Stanford Hospital and Clinics, (2025- present)

HONORS AND AWARDS

- Dr. Scholl SURF Scholar, Mayo Clinic (2011)
- Magna Cum Laude for Outstanding Educational Presentation, Radiologic Society of North America (2015)
- Case Competition Award, International Dead Sea Symposium (2022)
- Edwin Alderman Award for Excellence in Clinical Research, Stanford University (2022)

- Member, Alpha Omega Alpha Honor Medical Society (2022)
- Research Fellowship Award, American College of Cardiology (ACC)/Bristol Myers Squibb (2022)
- Bill Lewis Young Investigator Award, American Heart Association/Heart Rhythm Society (2024)
- Forty under 40, Cardiovascular Business (2026)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Academic Advisory Board, Cardiovascular Sciences Research Consortium (2025 - present)
- NCDR EP Registry Steering Subcommittee, American College of Cardiology (2024 - present)
- NCDR CSQC Data Quality Subcommittee, American College of Cardiology (2024 - present)
- Future Hub Task Force, American College of Cardiology (2023 - present)
- Digital Health Committee, Heart Rhythm Society (2023 - present)

PROFESSIONAL EDUCATION

- Fellowship: UCSF Electrophysiology Fellowship (2025) CA
- Board Certification: Cardiovascular Disease, American Board of Internal Medicine (2023)
- Fellowship: Stanford University Cardiovascular Medicine Fellowship Program (2023) CA
- Board Certification: Internal Medicine, American Board of Internal Medicine (2019)
- Residency: Stanford University Internal Medicine Residency (2019) CA
- Medical Education: Mayo Clinic School of Medicine (2016) MN
- B.S., University of Minnesota, Twin Cities , Neuroscience (2012)

COMMUNITY AND INTERNATIONAL WORK

- Healthcare Volunteer, Dominican Republic
- Global Health Scholar, Rwanda
- University of Guadalajara Brigades, Guadalajara, Mexico

Teaching

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Cardiovascular Medicine (Fellowship Program)

Publications

PUBLICATIONS

- **Cardiovascular Regulatory Science: Accelerating the Path from Bench to Bedside.** *American heart journal*
Korjian, S., Gibson, C. M., Seltzer, J., Mahaffey, K. W., Stockbridge, N., Lawler, P. R., Pundi, K., Bergmark, B. A., Petrie, M. C., deFilippi, C. R., Nicholls, S. J., Lincoff, A. M., Lam, et al
2026: 107487
- **Digital health tools for patient-centered lifestyle and risk factor modification in atrial fibrillation management.** *Heart rhythm*
Isakadze, N., Armoundas, A., Sanders, P., Andrade, J. G., Baykaner, T., Lorvidhaya, P., Cutler, M. J., Passman, R., Pundi, K., Noseworthy, P., Kalscheur, M.
2026
- **HRS scientific statement on artificial intelligence integration framework into clinical electrophysiology workflows.** *Heart rhythm*
Armoundas, A. A., Avari Silva, J. N., Baykaner, T., Bhatia, N., Isakadze, N., Pundi, K., Siontis, K. C., Lorvidhaya, P., Andrade, J. G., Kalscheur, M. M., Noseworthy, P. A., Rosenberg, M. A.
2026

- **Focus on the Fascicles: A Collection of Challenging Cases.** *JACC. Clinical electrophysiology*
Wong, C. X., Kataoka, S., Xiong, N., Liu, A., Morin, D., Pundi, K., Valappil, S. P., Ariyaratnam, J. P., Kheiri, B., Sheikh, A. H., Tseng, Z., Nogami, A., Scheinman, et al
2026
- **Association of blood pressure control with atrial and ventricular ectopy in SPRINT OPEN HEART**
Pundi, K., Frimodt-Moller, E., Soliman, E. Z., Marcus, G. M.
2025; 12 (2)
- **Approach to the Postmarket Evaluation of Consumer Wearable Technologies.** *JAMA cardiology*
Pundi, K., Bhavnani, S., Seninger, C., Zuckerman, B., Paulsen, J., Aguel, F., Din, N., Viggiano, B., Yoo, R. M., Dalal, N., Go, A. S., Granger, C., Krumholz, et al
2025
- **Integrating wearables into the modern electrophysiology practice: A proposed framework for the use of wearables and creation of a remote digital clinic.** *Heart rhythm O2*
Pundi, K., Andrade, J. G., Bhatia, N., Deneke, T., Ghanbari, H., Kalscheur, M., Lorvidhaya, P., Avari Silva, J. N., Thosani, A. J., Rosenberg, M. A., Schott, G. M., Tucker, A. G., Varma, et al
2025; 6 (9): 1237-1247
- **Cardiovascular Sciences Research Consortium Think Tank: Remote Monitoring for Cardiac Safety in Clinical Trials.** *JACC. Advances*
Pundi, K., Bhavnani, S., Adigun, R., Vicente, J., Ghosh, R., Albert, D., Al-Siddiq, W., Benson, C., Fantana, A., Goldsack, J. C., Idriss, S. F., Marcus, G., Tenaerts, et al
2025; 4 (9): 102059
- **Recognizing Innovation in Academic Advancement.** *JACC. Advances*
Agusala, K., Pundi, K., Thakkar, A., Cho, D., Peterson, E. D., Bhatt, A., Avari Silva, J. N.
2025; 4 (5): 101704
- **Dronedarone vs Sotalol Among Patients With Atrial Fibrillation: A Meta-Analysis of Retrospective Observational Databases.** *JACC. Clinical electrophysiology*
Singh, J. P., Wieloch, M., Reynolds, S. L., Blomström-Lundqvist, C., Sandhu, A. T., Camm, A. J., Khabadi, S., Pundi, K., Turakhia, M. P., Boiron, R., Din, N., Fan, J., Heller, et al
2025
- **Association of Air Pollution with Ventricular Arrhythmias and Physical Activity: A Natural Experiment from US Wildfires.** *Heart rhythm*
Pundi, K., Kutiyifa, V., Singh, J. P., Cheung, J. W., Upadhyay, G. A., Madhavan, M., Harrell, C., Mullane, S., Turakhia, M. P.
2025
- **Premature ventricular contractions: The incidentalomas of cardiac electrophysiology?** *Heart rhythm*
Pundi, K., Marcus, G. M.
2024; 21 (8): 1296-1297
- **Scalable Approach to Consumer Wearable Postmarket Surveillance: Development and Validation Study.** *JMIR medical informatics*
Yoo, R. M., Viggiano, B. T., Pundi, K. N., Fries, J. A., Zahedivash, A., Podchyska, T., Din, N., Shah, N. H.
2024; 12: e51171
- **Predictors and possible mechanisms of premature ventricular contraction induced cardiomyopathy.** *Journal of cardiovascular electrophysiology*
Pundi, K., Marcus, G. M.
2024; 35 (3): 569-573
- **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., Poulos, et al
2023: e030209
- **ACC/AHA Hypertension Guidelines and CHA2DS2-VASc Up-Scoring in Patients With Atrial Fibrillation.** *JAMA network open*
Pundi, K., Gosch, K. L., Perino, A. C., Jones, P. G., Desai, N. R., Maddox, T. M., Turakhia, M.
2023; 6 (9): e2335722

- **The Epidemic and Data-Free Zone of Nonsustained Ventricular Tachycardia: An Unintended Consequence of Digital Monitoring and a Path Forward.** *Circulation*
Pundi, K., Marcus, G. M., Turakhia, M.
2023; 148 (10): 805-807
- **Dronedarone Versus Sotalol in Antiarrhythmic Drug-Naive Veterans With Atrial Fibrillation.** *Circulation. Arrhythmia and electrophysiology*
Pundi, K., Fan, J., Kabadi, S., Din, N., Blomström-Lundqvist, C., John Camm, A., Kowey, P., Singh, J. P., Rashkin, J., Wieloch, M., Turakhia, M. P., Sandhu, A. T.
2023: e011893
- **Association of CHA2DS2-VASc and HAS-BLED to Frailty and Frail Outcomes: From the TREAT-AF Study.** *American heart journal*
Pundi, K., Perino, A. C., Fan, J., Din, N., Szummer, K., Heidenreich, P., Turakhia, M. P.
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
- **Warfarin Time in Therapeutic INR Range and Direct Oral Anticoagulant Adherence for Venous Thromboembolism Across the Spectrum of Weight and Body Mass Index: Findings from Veterans Health Administration.** *Clinical and applied thrombosis/hemostasis : official journal of the International Academy of Clinical and Applied Thrombosis/Hemostasis*
Din, N., Fan, J., Schmitt, S., Guo, J. D., Hlavacek, P., Pundi, K., Russ, C., Emir, B., Turakhia, M. P., Perino, A. C.
2023; 29: 10760296231152474
- **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
- **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
- **Atrial fibrillation bleeding risk and prediction while treated with direct oral anticoagulants in warfarin-naive or warfarin-experienced patients.** *Clinical cardiology*
Perino, A. C., Fan, J., Pundi, K., Schmitt, S., Kothari, M., Din, N., Heidenreich, P. A., Turakhia, M. P.
2022
- **THE 2017 ACC/AHA HYPERTENSION GUIDELINES AND CHA2DS2-VASC UP-SCORING IN PATIENTS WITH ATRIAL FIBRILLATION: INSIGHTS FROM THE NCDR (R) PINNACLE (R) REGISTRY**
Pundi, K., Gosch, K., Din, N., Perino, A., Jones, P. G., Desai, N. R., Maddox, T. M., Turakhia, M.
ELSEVIER SCIENCE INC.2022: 12
- **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
- **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
- **Anticoagulation Treatment and Outcomes of Venous Thromboembolism by Weight and Body Mass Index: Insights From the Veterans Health Administration.** *Circulation. Cardiovascular quality and outcomes*
Perino, A. C., Fan, J., Schmitt, S., Guo, J. D., Hlavacek, P., Din, N., Kothari, M., Pundi, K., Russ, C., Emir, B., Turakhia, M. P.
2021: CIRCOUTCOMES121008005

- **Direct Oral Anticoagulant Adherence of Patients With Atrial Fibrillation Transitioned from Warfarin.** *Journal of the American Heart Association*
Pundi, K. N., Perino, A. C., Fan, J., Schmitt, S., Kothari, M., Szummer, K., Askari, M., Heidenreich, P. A., Turakhia, M. P.
2021: e020904
- **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
- **Association of kidney function and atrial fibrillation progression to clinical outcomes in patients with cardiac implantable electronic devices.** *American heart journal*
Szummer, K., Perino, A. C., Fan, J., Kothari, M., Turakhia, M. P.
2021
- **WARFARIN TIME IN THERAPEUTIC RANGE TRAJECTORIES IN POTENTIAL SWITCHERS TO DIRECT ORAL ANTICOAGULANTS**
Pundi, K., Perino, A., Fan, J., Schmitt, S., Kothari, M., Szummer, K., Askari, M., Heidenreich, P. A., Turakhia, M.
ELSEVIER SCIENCE INC.2020: 416
- **DETERMINANTS OF ATRIAL FIBRILLATION PROGRESSION IN CHRONIC KIDNEY DISEASE PATIENTS WITH CARDIAC IMPLANTABLE ELECTRONIC DEVICES (DATA FROM THE MEDTRONIC CARELINK DATABASE)**
Szummer, K., Pundi, K., Perino, A., Fan, J., Kothari, M., Turakhia, M.
ELSEVIER SCIENCE INC.2020: 488
- **Characteristics and Strength of Evidence of COVID-19 Studies Registered on ClinicalTrials.gov.** *JAMA internal medicine*
Pundi, K. n., Perino, A. C., Harrington, R. A., Krumholz, H. M., Turakhia, M. P.
2020
- **Multiphase Computed Tomographic Enterography: Diagnostic Yield and Efficacy in Patients With Suspected Small Bowel Bleeding.** *Mayo Clinic proceedings. Innovations, quality & outcomes*
Deepak, P., Pundi, K. N., Bruining, D. H., Fidler, J. L., Barlow, J. M., Hansel, S. L., Harmsen, W. S., Wells, M. L., Fletcher, J. G.
2019; 3 (4): 438–47
- **IMPACT OF PATIENT FRAILTY ON ONE-YEAR MORTALITY ACROSS CHA2DS2-VASC SCORES: FROM THE TREAT-AF STUDY**
Pundi, K., Perino, A., Fan, J., Askari, M., Heidenreich, P., Turakhia, M.
ELSEVIER SCIENCE INC.2019: 539
- **CHA2DS2VASC and HAS-BLED Scores Predict Frailty in Non-Valvular Atrial Fibrillation**
Pundi, K., Perino, A., Fan Jun, Askari, M., Heidenreich, P., Turakhia, M.
LIPPINCOTT WILLIAMS & WILKINS.2018
- **Yield of theRYP2Genetic Test in Suspected Catecholaminergic Polymorphic Ventricular Tachycardia and Implications for Test Interpretation.** *Circulation. Genomic and precision medicine*
Kapplinger, J. D., Pundi, K. N., Larson, N. B., Callis, T. E., Tester, D. J., Bikker, H. n., Wilde, A. A., Ackerman, M. J.
2018; 11 (2): e001424
- **Sudden cardiac death and late arrhythmias after the Fontan operation.** *Congenital heart disease*
Pundi, K. N., Pundi, K. N., Johnson, J. N., Dearani, J. A., Li, Z., Driscoll, D. J., Wackel, P. L., McLeod, C. J., Cetta, F., Cannon, B. C.
2017; 12 (1): 17-23
- **Heart transplantation after Fontan: Results from a surgical Fontan cohort.** *Pediatric transplantation*
Pundi, K. N., Pundi, K., Driscoll, D. J., Dearani, J. A., Li, Z., Dahl, S. H., Mora, B. N., O'Leary, P. W., Daly, R. C., Cetta, F., Johnson, J. N.
2016; 20 (8): 1087-1092
- **Evaluation of Patient Tolerance and Small-Bowel Distention With a New Small-Bowel Distending Agent for Enterography** *AMERICAN JOURNAL OF ROENTGENOLOGY*
Kolbe, A. B., Fletcher, J. G., Froemming, A. T., Sheedy, S. P., Koo, C. W., Pundi, K., Bruining, D. H., Tung, J., Harmsen, W. S., Barlow, J. M., Fidler, J. L.
2016; 206 (5): 994-1002
- **Liver Disease in Patients After the Fontan Operation** *AMERICAN JOURNAL OF CARDIOLOGY*
Pundi, K., Pundi, K. N., Kamath, P. S., Cetta, F., Li, Z., Poterucha, J. T., Driscoll, D. J., Johnson, J. N.

2016; 117 (3): 456-460

- **Contraception Practices and Pregnancy Outcome in Patients after Fontan Operation** *CONGENITAL HEART DISEASE*
Pundi, K. N., Pundi, K., Johnson, J. N., Dearani, J. A., Bonnichsen, C. R., Phillips, S. D., Canobbio, M. C., Driscoll, D. J., Cetta, F.
2016; 11 (1): 63-70
- **40-Year Follow-Up After the Fontan Operation Long-Term Outcomes of 1,052 Patients** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*
Pundi, K. N., Johnson, J. N., Dearani, J. A., Pundi, K. N., Li, Z., Hinck, C. A., Dahl, S. H., Cannon, B. C., O'Leary, P. W., Driscoll, D. J., Cetta, F.
2015; 66 (15): 1700-1710
- **40 YEARS OF THE FONTAN OPERATION: LONG-TERM OUTCOME OF 1,052 PATIENTS** *64th Annual Scientific Sessions and Expo of the American-College-of-Cardiology (ACC)*
Pundi, K., Dearani, J., Pundi, K., Johnson, J., Li, Z., O'Leary, P., Driscoll, D., Cetta, F.
ELSEVIER SCIENCE INC.2015: A506-A506
- **Forequarter amputation for recurrent breast cancer.** *International journal of surgery case reports*
Pundi, K. N., AlJamal, Y. N., Ruparel, R. K., Farley, D. R.
2015; 11: 24-28
- **Coordination of Hand Shape** *JOURNAL OF NEUROSCIENCE*
Pesyna, C., Pundi, K., Flanders, M.
2011; 31 (10): 3757-3765