



## Minang (Mintu) Turakhia

Clinical Professor, Medicine

### CLINICAL OFFICE (PRIMARY)

- **Cardio Electrophysiology**

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### ACADEMIC CONTACT INFORMATION

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## Bio

### BIO

Mintu Turakhia M.D. M.A.S. is an internationally renowned cardiologist and cardiac electrophysiologist, outcomes researcher and clinical trialist, executive, and leader in digital health, AI, and heart rhythm care.

In 2022, Dr. Turakhia took a leave of absence from his tenured Professor of Medicine role to serve as the Chief Medical Officer, Chief Scientific Officer and Executive Vice President of Product (now Advanced Technologies) at iRhythm Technologies, Inc. At iRhythm, he has a large operational span, leading Product Management, Advanced Technologies, Medical Affairs, Scientific Affairs, Medical Safety, and clinical oversight of the Independent Diagnostic Testing Facility. At iRhythm, he helped to grow the company's revenue 20+% YOY for three consecutive years, led the company's largest ever product launches of award-winning hardware, apps, and new services, and overhauled to scientific function to create best-in-class evidence to reshape guidelines and payer policies to adopt iRhythm's core products as first-line diagnostics. He architected the company's new 7-year product roadmap and scaled programs for new AI features, multi-sensor hardware, population health management, clinical trial services verticals, and global expansion in 7 new European and Asian markets — all while revamping the scientific program, building a clinical trials unit and clinical data warehouse, and generating the largest ever scientific output in the company's history.

At Stanford, he was the Founding Director of the Stanford Center for Digital Health, started in 2015 and the first of its kind, where he led a large multidisciplinary program on clinical research, education, technology incubation, and international thought leadership on digital health, wearables, and AI, with an emphasis on cardiovascular disease and heart rhythm disorders. He has led several large-scale trials of digital health tools and wearables for heart disease, including as co-principal investigator of the landmark Apple Heart Study, enrolling over 400,000 participants, and published in the New England Journal of Medicine (NEJM). For 14 years, he served as Chief of Cardiac Electrophysiology at the VA Palo Alto Health Care System, where he developed a best-in-class, high volume arrhythmia care program.

Dr. Turakhia completed his bachelor's degree at the University of California (UC) Berkeley, MD and master's degrees at UCSF, and clinical training at Harvard's Brigham & Women's Hospital and UCSF. Trained in computer science, medicine, biostatistics, and research, he has over 25 years of

experience in patient care, health economics and outcomes research, clinical trials, data science and AI, medical device regulation, and the creation and commercialization of digital health products — having created PPG- and accelerometer-based wearables for clinical research while in college.

Over the last 20 years, he has held several dozen leadership roles in the Heart Rhythm Society, American Heart Association, American College of Cardiology, and European Society of Cardiology. He was the Founding Chair of HRX 2022, a new clinical and industry meeting by dedicated to cardiovascular diagnostics. An elected member of the American Society of Clinical Investigation, Dr. Turakhia has authored over 300 publications and has received over \$50 million in research funding. In 2022, he received the Rock Health Digital Health Luminary Award. In academic and industry roles, he has led or worked with teams to build and launch the first FDA-cleared deep learning AI tool for ECG interpretation, best-in-class connected products for cardiac monitoring, remote patient monitoring platforms, and electronic health record AI knowledge extraction tools. During his tenure, he served as an advisor, consultant, board member or co-founder to over 30 medical device and health technology companies.

## **CLINICAL FOCUS**

- Arrhythmias, Cardiac
- Cardiology (Heart)
- Death, Sudden, Cardiac
- Catheter Ablation
- Atrial Fibrillation
- Implantable Defibrillators
- Tachycardia, Supraventricular
- Clinical Cardiac Electrophysiology

## **ACADEMIC APPOINTMENTS**

- Clinical Professor, Medicine
- Member, Bio-X
- Member, Cardiovascular Institute
- Faculty Affiliate, Institute for Human-Centered Artificial Intelligence (HAI)

## **ADMINISTRATIVE APPOINTMENTS**

- Co-Chairperson, VA Health Services & Research Career Development Conference, (2009-2010)
- Chair, Writing Group, American Heart Association Telemetry Latency Advisory, (2010- present)
- Member, Young Clinicians and Investigators Committee, American Heart Association Council of Quality and Outcomes Research, (2010- present)
- Member, Electrocardiography and Arrhythmias Committee, American Heart Association, (2009- present)
- Cardiac Electrophysiologist, Stanford Hospital and Clinics, (2008- present)
- Director, Cardiac Electrophysiology, Palo Alto VA Health Care System, (2008- present)

## **HONORS AND AWARDS**

- E. William Hancock Faculty Teaching Award, Stanford Division of Cardiovascular Medicine (6/2010)
- Department of Medicine Teaching Award, Stanford Department of Medicine (12/2010)

## **PROFESSIONAL EDUCATION**

- Board Certification: Cardiovascular Disease, American Board of Internal Medicine (2017)
- Fellowship: University of California San Francisco (2008) CA
- Fellowship: University of California San Francisco (2006) CA

- Medical Education: University of California San Francisco (2000) CA
- Professional Degree, Biodesign , Faculty Fellow (2015)
- Board Certification: Clinical Cardiac Electrophysiology, American Board of Internal Medicine (2009)
- Residency: Brigham and Women's Hospital Harvard Medical School (2003) MA

## COMMUNITY AND INTERNATIONAL WORK

- Research Chair, Mountain View, CA

## Research & Scholarship

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### CURRENT RESEARCH AND SCHOLARLY INTERESTS

Dr. Turakhia has an active clinical research program, with funding from AHA, VA, NIH, the medical device industry, and foundations. His research program aims to improve the treatment of heart rhythm disorders, with an emphasis on atrial fibrillation, by evaluating quality and variation of care, comparative and cost-effectiveness of therapies, and risk prediction. Dr. Turakhia has extensive expertise in using large administrative and claims databases for this work. His TREAT-AF retrospective study of over 500,000 patients with newly-diagnosed AF is the largest known research cohort of AF patients. He has served as study PI or chairman of several prominent single- and multicenter trials in atrial fibrillation, investigational devices for electrophysiology procedures, digital health interventions, and sensor technologies.

His other research interests include technology assessment of new device-based therapies and the impact of changing health policy and reform on the delivery of arrhythmia care. Dr. Turakhia is a Fellow of the American Heart Association, American College of Cardiology, and Heart Rhythm Society.

### CLINICAL TRIALS

- Apple Heart Study: Assessment of Wristwatch-Based Photoplethysmography to Identify Cardiac Arrhythmias, Not Recruiting
- Evaluation of the Use of Apple Watch Features for Identification of Cardiac Arrhythmias, Not Recruiting
- smartADHERE, Not Recruiting
- smartGUIDE, Not Recruiting

## Teaching

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### GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Cardiac Electrophysiology (Fellowship Program)
- Cardiovascular Medicine (Fellowship Program)
- Health Services Research (Masters Program)
- Health Services Research (Phd Program)

## Publications

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### PUBLICATIONS

- **An umbrella review of systematic reviews of the impact of wrist-worn wearables on health outcomes.** *Physiological reviews*  
Glisic, M., Llane, A., Stojic, S., Llanaj, E., Roa-Díaz, Z. M., Raguindin, P. F., Kastrati, L., Weed, L., Turakhia, M. P., Ashley, E., Muka, T., Ioannidis, J. P.  
2025
- **Relationship of Symptom Frequency and Symptom-Rhythm Correlation to Arrhythmia Type and Time to Detection: Insights from Ambulatory ECG Monitoring in Over 1 Million Patients.** *Heart rhythm*  
Battisti, A. J., Pinkerton, R., Fokin, V., Wright, B., Alexander, J., Berger, R., Turakhia, M. P.  
2025

- **Cardiovascular Diagnoses Following Smartwatch Irregular Pulse Notifications: Insights from the Apple Heart Study**  
Perez Guerrero, E., Parsa, S., Gjermeni, D., Sakalaki, M., Alipour, P., Yu, K., Hedlin, H., Desai, M., Phillips, A., Russo, A., Granger, C., Kowey, P., Hills, et al  
LIPPINCOTT WILLIAMS & WILKINS.2025
- **Digital Strategies for Recruitment to Improve Diversity and Inclusion in Prospective Cardiovascular Clinical Research.** *Cardiology and therapy*  
Jain, S. S., Rodriguez, F., Perez, M. V., Yu, J., Shashidhar, S., Swope, S., Nguyen, K., Desai, M., Hedlin, H., Shah, S. H., Hernandez, A. F., Turakhia, M. P., Mahaffey, et al  
2025
- **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
- **Racial and Ethnic Representation and Study Engagement in a Siteless Digital Clinical Trial Using a Smartwatch: Findings From the Apple Heart Study.** *Mayo Clinic proceedings. Digital health*  
Nguyen, K. T., Yu, J., Hedlin, H., Phillips, A. T., Desai, S., Cheung, L., Kowey, P. R., Jain, S. S., Rumsfeld, J. S., Russo, A. M., Granger, C. B., Hills, M. T., Desai, et al  
2025; 3 (3): 100232
- **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
- **Access to digital health technologies: personalized framework and global perspectives.** *Nature reviews. Cardiology*  
Narayan, S. M., Chung, M. K., Adedinsewo, D., Brant, L. C., Davis, L. L., Duncker, D., Hall, J. L., Han, J. K., Lam, C. S., Lewis, E., Loscalzo, J., Márquez, M. F., Rahimzadeh, et al  
2025
- **Understanding Contemporary Atrial Fibrillation Trends in the United States: The Importance of Different Perspectives.** *Circulation. Cardiovascular quality and outcomes*  
Bunch, T. J., Turakhia, M. P.  
2025: e012082
- **Dronedrone 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., Kabadi, 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
- **Temporal changes in device-derived daily activity related to ventricular arrhythmias from the CERTITUDE registry** *HEART RHYTHM*  
Kutiyifa, V., Christof, M., Mullane, S., Harrell, C., Singh, J., Chinitz, L., Varma, N., Piccini, J. P., Turakhia, M. P., Rosero, S. Z.  
2024; 5 (11): 805-812
- **Temporal changes in device-derived daily activity related to ventricular arrhythmias from the CERTITUDE registry.** *Heart rhythm O2*  
Kutiyifa, V., Christof, M., Mullane, S., Harrell, C., Singh, J., Chinitz, L., Varma, N., Piccini, J. P., Turakhia, M. P., Rosero, S. Z.  
2024; 5 (11): 805-812
- **State of the art of mobile health technologies use in clinical arrhythmia care.** *Communications medicine*  
Sridhar, A. R., Cheung, J. W., Lampert, R., Silva, J. N., Gopinathannair, R., Sotomonte, J. C., Tarakji, K., Fellman, M., Chrispin, J., Varma, N., Kabra, R., Mehta, N., Al-Khatib, et al  
2024; 4 (1): 218
- **Expert opinion on design and endpoints for studies on catheter ablation of atrial fibrillation.** *Journal of cardiovascular electrophysiology*

Lewalter, T., Blomström-Lundqvist, C., Lakkireddy, D., Packer, D., Meyer, R., Kuniss, M., Ladwig, K. H., Jilek, C., Diener, H. C., Boriani, G., Turakhia, M. P., Schneider, S., Svennberg, et al  
2024

- **Extended Ambulatory ECG Monitoring Enhances Identification of Higher-Risk Ventricular Tachyarrhythmias in Patients with Hypertrophic Cardiomyopathy.** *Heart rhythm*  
Rowin, E. J., Das, G., Madias, C., Hsu, M., Crosson, L., Turakhia, M. P., Maron, B. J., Maron, M. S.  
2024
- **Transforming Hypertension Diagnosis and Management in The Era of Artificial Intelligence: A 2023 National Heart, Lung, and Blood Institute (NHLBI) Workshop Report.** *Hypertension (Dallas, Tex. : 1979)*  
Shimbo, D., Shah, R. U., Abdalla, M., Agarwal, R., Ahmad, F. S., Anaya, G., Attia, Z. I., Bull, S., Chang, A. R., Commodore-Mensah, Y., Ferdinand, K., Kawamoto, K., Khera, et al  
2024
- **Comparative Effectiveness and Safety of Apixaban and Rivaroxaban in Older Patients with Atrial Fibrillation: A Population-Based Cohort Study.** *Heart rhythm*  
Shurrab, M., Austin, P. C., Jackevicius, C. A., Tu, K., Qiu, F., Haldenby, O., Middleton, A., Turakhia, M. P., Lopes, R. D., Boden, W. E., Castellucci, L. A., Heidenreich, P. A., Healey, et al  
2024
- **Heart Failure-Related Death in Subjects With Atrial Fibrillation in the United States, 1999 to 2020.** *Journal of the American Heart Association*  
Zuin, M., Bertini, M., Vitali, F., Turakhia, M., Boriani, G.  
2024: e033897
- **Wearable Digital Health Technologies for Monitoring in Cardiovascular Medicine.** *The New England journal of medicine*  
Spatz, E. S., Ginsburg, G. S., Rumsfeld, J. S., Turakhia, M. P.  
2024; 390 (4): 346-356
- **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
- **Prediction of atrial fibrillation from at-home single-lead ECG signals without arrhythmias.** *NPJ digital medicine*  
Gadaleta, M., Harrington, P., Barnhill, E., Hytopoulos, E., Turakhia, M. P., Steinhubl, S. R., Quer, G.  
2023; 6 (1): 229
- **Phased target trial design and meta-analysis in a head-to-head treatment comparison**  
Singh, J. P., Wieloch, M., Reynolds, S. L., Blomstrom-Lundqvist, C., Sandhu, A. T., Camm, A., Kabadi, S. M., Pundi, K., Turakhia, M., Boiron, R., Coudert, M., Din, N., Fan, et al  
WILEY.2023: 444
- **Validation of a Deep Learning Algorithm for Continuous, Real-Time Detection of Atrial Fibrillation Using a Wrist-Worn Device in an Ambulatory Environment.** *Journal of the American Heart Association*  
Poh, M. Z., Battisti, A. J., Cheng, L. F., Lin, J., Patwardhan, A., Venkataraman, G. S., Athill, C. A., Patel, N. S., Patel, C. P., Machado, C. E., Ellis, J. T., Crosson, L. A., Tamura, et al  
2023: e030543
- **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
- **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 evolving role of data & amp; 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., Fox, E., Garcia, A., Go, A., Johari, R., Lee, J., Maahs, D. M., Mahaffey, K. W., Opsahl-Ong, et al  
2023; 7 (1)
- **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
  - **Dronedaron 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
  - **Myocardial Infarction Across COVID-19 Pandemic Phases: Insights From the Veterans Health Affairs System.** *Journal of the American Heart Association*  
Yong, C. M., Graham, L., Beyene, T. J., Sadri, S., Hong, J., Burdon, T., Fearon, W. F., Asch, S. M., Turakhia, M., Heidenreich, P.  
2023: e029910
  - **Dronedaron versus sotalol in patients with atrial fibrillation: A systematic literature review and network meta-analysis.** *Clinical cardiology*  
Singh, J. P., Blomstrom-Lundqvist, C., Turakhia, M. P., Camm, A. J., Fazeli, M. S., Kreidieh, B., Crotty, C., Kowey, P. R.  
2023
  - **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
  - **PREVALENCE AND PROGNOSTIC VALUE OF VENTRICULAR TACHYCARDIA ON AMBULATORY ECG MONITORING**  
Pundi, K., Fan, J., Din, N., Sandhu, A., Heidenreich, P. A., Turakhia, M.  
ELSEVIER SCIENCE INC.2023: 125
  - **Contemporary prevalence estimates of undiagnosed and diagnosed atrial fibrillation in the United States.** *Clinical cardiology*  
Turakhia, M. P., Guo, J. D., Keshishian, A., Delinger, R., Sun, X., Ferri, M., Russ, C., Cato, M., Yuce, H., Hlavacek, P.  
2023
  - **Research Opportunities in Stroke Prevention for Atrial Fibrillation: A Report From a National Heart, Lung, and Blood Institute Virtual Workshop.** *Stroke*  
Go, A. S., Al-Khatib, S. M., Desvigne-Nickens, P., Bansal, N., Bushnell, C. D., Fang, M. C., Freeman, J. V., Gage, B. F., Hanke, T., Hylek, E. M., Lopes, R. D., Noseworthy, P. A., Reddy, et al  
2023; 54 (3): e75-e85
  - **Associations of Serum and Dialysate Potassium Concentrations With Incident Atrial Fibrillation in a Cohort Study of Older US Persons Initiating Hemodialysis for Kidney Failure.** *Kidney international reports*  
Hu, A., Liu, S., Montez-Rath, M. E., Khairallah, P., Niu, J., Turakhia, M. P., Chang, T. I., Winkelmayr, W. C.  
2023; 8 (2): 305-316
  - **Does Early Detection of Atrial Fibrillation Reduce the Risk of Thromboembolic Events? Rationale and Design of the Heartline Study.** *American heart journal*  
Gibson, C. M., Steinhubl, S., Lakkireddy, D., Turakhia, M. P., Passman, R., Jones, W. S., Bunch, T. J., Curtis, A. B., Peterson, E. D., Ruskin, J., Saxon, L., Tarino, M., Tarakji, et al  
2023
  - **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

- **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
- **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
- **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
- **Association of Race and Ethnicity With Oral Anticoagulation and Associated Outcomes in Patients With Atrial Fibrillation: Findings From the Get With The Guidelines-Atrial Fibrillation Registry.** *JAMA cardiology*  
Essien, U. R., Chiswell, K., Kaltenbach, L. A., Wang, T. Y., Fonarow, G. C., Thomas, K. L., Turakhia, M. P., Benjamin, E. J., Rodriguez, F., Fang, M. C., Magnani, J. W., Yancy, C. W., Piccini, et al  
2022
- **Dronedarone versus sotalol in patients with atrial fibrillation: a systematic literature review and network meta-analysis**  
Kreidieh, B., Singh, J. P., Blomstrom-Lundqvist, C., Turakhia, M. P., Camm, A. J., Fazeli, M. S., Crotty, C., Kowey, P. R.  
OXFORD UNIV PRESS.2022: 574
- **Machine learned clusters explain heterogeneity in outcomes from map-guided ablation of Atrial Fibrillation results from the large PROspective STanford AF Registry (ProSTAR)**  
Deb, B., Rogers, A. J., Bhatia, N. K., Baykaner, T., Turakhia, M., Clopton, P. L., Chang, H. J., Brodt, C., Narayan, S. M., Wang, P. J., Viswanathan, M. N.  
OXFORD UNIV PRESS.2022: 474
- **Medical therapy for patients with recent-onset heart failure with reduced ejection fraction during the COVID-19 pandemic: Insights from the Veteran's affairs healthcare system.** *American heart journal plus : cardiology research and practice*  
Sandhu, A., Zheng, J., Tisdale, R., Kohsaka, S., Turakhia, M. P., Heidenreich, P.  
2022: 100210
- **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
- **Pandemic-proof recruitment and engagement in a fully decentralized trial in atrial fibrillation patients (DeTAP).** *NPJ digital medicine*  
Sarraj, A., Seninger, C., Parameswaran, V., Petlura, C., Bazouzi, T., Josan, K., Grewal, U., Viethen, T., Mundl, H., Luithle, J., Basobas, L., Touros, A., Senior, et al  
2022; 5 (1): 80
- **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
- **Wearables, telemedicine, and artificial intelligence in arrhythmias and heart failure: Proceedings of the European Society of Cardiology: Cardiovascular Round Table.** *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*  
Leclercq, C., Witt, H., Hindricks, G., Kattr, R. P., Albert, D., Belliger, A., Cowie, M. R., Deneke, T., Friedman, P., Haschemi, M., Lobban, T., Lordereau, I., McConnell, et al  
2022

- **The Increasing Role of Rhythm Control in Patients With Atrial Fibrillation: JACC State-of-the-Art Review.** *Journal of the American College of Cardiology*  
Camm, A. J., Naccarelli, G. V., Mittal, S., Crijns, H. J., Hohnloser, S. H., Ma, C., Natale, A., Turakhia, M. P., Kirchhof, P.  
2022; 79 (19): 1932-1948
- **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 Gig Economy Worker-A New Social Determinant of Health?** *JAMA cardiology*  
Rodriguez, F., Sarraju, A., Turakhia, M. P.  
1800
- **Achievement and Quality Measure Attainment in Patients Hospitalized with Atrial Fibrillation: Results from the Get With The Guidelines - Atrial Fibrillation (GWTG-AFIB) Registry.** *American heart journal*  
Ullal, A. J., Holmes, D. N., Lytle, B. L., Matsouaka, R. A., Sheng, S., Desai, N. R., Curtis, A. B., Fang, M. C., McCabe, P. J., Fonarow, G. C., Russo, A. M., Lewis, W. R., Heidenreich, et al  
1800
- **Is it time for a consumerized or home-based 12-lead electrocardiogram?** *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*  
Tooley, J. E., Turakhia, M. P.  
2021
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