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**Prof. Gerhard HINDRICKS**

Gerhard Hindricks is a Professor of Medicine / Cardiology and the Medical Director of the Heart Center Leipzig.

He is the Director of the Department of Electrophysiology of the Heart Center and the General Manager of the Leipzig Heart Institute (LHI).

Gerhard Hindricks has a longstanding involvement in innovations and the development and clinical implementation of new technologies in the field of cardiovascular medicine and beyond.

He has fundamental interest in design and implementation of novel process and diagnostic/therapeutic pathways in medicine.

Moreover, Gerhard is Principal Investigator of multiple international, randomized and potentially guideline-relevant clinical trials.

He has served the European Society of Cardiology in several leadership functions including President of European Heart Rhythm Association and is member of the ESC Digital Committee.

He is the Chairman of the 2020 Guidelines of the ESC for the management of atrial fibrillation.

In addition, Gerhard Hindricks is the Chair of the ESC Task Force “Evolution of cardiovascular medicine, training and education”.

Overall, he has published almost 800 peer-reviewed articles in the leading journals of the world and is the Editor-in-Chief of the Europace Journal, one of the top international journals in the field of cardiac arrhythmias.



**Prof. Christophe LECLERCQ**

Prof. Christophe Leclercq is Professor of cardiology and Head of the Department of Cardiology in Rennes University Hospital.

He is an EP specially involved in devices therapies, Pacemakers, ICDs and cardiac resynchronization therapy.

He is a member of the ESC board, EHRA board and the French Society of Cardiology board.

He is currently the European Heart Rhythm Association President.

He has published more than 260 manuscripts.



**Dr Rodolphe KATRA, Medtronic**

Rodolphe Katra, PhD, MBA

Dr. Katra is a Sr. Distinguished Scientist and a Technical Fellow at Medtronic.

He works in the Research & Technology group of Cardiac Rhythm Business.

With over 20 years of technical leadership and industry experience in the field, Dr. Katra is a thought leader in digital health, data management solutions and analytics.

He leverages AI/ML, DSP, predictive analytics and technology platforms to advance the field of personalized arrhythmia identification, contextual arrhythmia monitoring and patient management using implantable and wearable medical devices.

Dr. Katra holds Masters and Doctorate degrees in Biomedical Engineering and an MBA with emphasis on Medical Industry.

He has authored dozens of peer-reviewed publications and is a named inventor on over 35 issued patents in the areas of cardiac electrophysiology, personalized pathophysiology detection, prediction, monitoring and disease management.



**Eigil Samset, GE Healthcare**

Eigil Samset is the Chief Technology Scientist in GE Healthcare Cardiology Solutions. He is responsible for technology development, artificial intelligence and digital transformation for the cardiology care area across all product lines in GE Healthcare. He has been with GE Healthcare for 10 years. Eigil Samset has a strong clinical background from clinical research departments in Norway and USA. He holds a PhD in MRI and is a professor in medical imaging.



**Henning WITT, Pfizer**

Henning Witt is Medical Strategy Lead Eliquis at the department of Internal Medicine, Pfizer.

He is responsible for several clinical trials, generation of real-world evidence as well as digital health applications.

Prior to this role, he was working as a project lead at BASF and Charité where he was working on metabolite profiling to identify biomarkers for heart failure and the elucidation of different drug mechanisms in clinical development.

He also led several other research projects in the cardiovascular field including arrhythmias and myocarditis and published more than 30 articles.

He studied Biotechnology at the University of Braunschweig and did his PhD thesis at the Max Planck Institute for Molecular Genetics.



**Dr David ALBERT, AliveCor**

David E. Albert, MD, an Oklahoma native, is a physician, inventor and serial entrepreneur who has developed medical and other life-saving technologies and products over the last 40 years, turning a number of those innovations into tech startups.

He is a founder and of AliveCor. His previous startups include Corazonix Corp (sold to Arrhythmia Research Technology) and Data Critical (sold to GE). He invented the AliveCor® Kardia™ in 2010 and it immediately became a global sensation via a four-minute YouTube Video in January 2011 around the Consumer Electronics Show and was featured on ABC, CBS, CNN and Fox News among many other media outlets.

Dr. Albert has 74 issued US patents. He has authored or co-authored over 100 scientific abstracts and publications principally in the Cardiology literature. Dr. Albert has lectured at Universities and leading medical centers all over the world as well as being a regular faculty member at the major Cardiology Scientific Meetings (AHA, ACC, HRS, TCT).

Dr. Albert graduated with Honors from Harvard College and from Duke University Medical School.

Dr. Albert currently lives in Los Angeles with his wife. They have four children and one granddaughter.



**Prof. Dr Andréa BELLIGER**

**Institute for Communication  
and Leadership, Lucerne**

Prof. Dr. Andréa Belliger is co-director of the Institut für Kommunikation & Führung IKF (Institute for Communication and Leadership) and rector of the Lucerne University of Education.

She studied theology, philosophy and history in Lucerne, Strasbourg and Athens and did her doctorate in canon law.

For many years she has dealt with the social effects and challenges of digital transformation in various industries from health to finance, from construction to education.

Andrea Belliger is an international keynote speaker, author, member of the board of directors in various companies in different industries (healthcare, finance, social insurance, digital learning, energy) and works internationally as an expert and consultant for digital transformation.

In 2018/19 she was chosen among the Top 100 Women in Business and nominated for the Female Digital Leader Award, and in 2019 she was voted one of the 25 most influential personalities in Switzerland in the healthcare sector.

Source: <https://www.ikf.ch/de/institut/prof-dr-andrea-belliger>





**Dr Mike McCONNELL,  
GOOGLE HEALTH**

Michael V. McConnell, MD, MSEE is the Senior Clinical Lead for Consumer Health at Fitbit and Google as well as Clinical Professor of Cardiovascular Medicine at Stanford School of Medicine, where he continues to see patients and teach in the Stanford Biodesign program.

Dr. McConnell is a native of Brooklyn and did his BS and MS in Electrical and Biomedical Engineering at MIT followed by his MD at Stanford. He specialized in Cardiovascular Medicine and Imaging at Brigham and Women's and Beth Israel Hospitals in Boston and then joined the faculty at Harvard Medical School. He spent the majority of his academic career at Stanford, with clinical and research expertise in cardiovascular imaging, prevention, and mobile health. He was Director of Cardiovascular MRI, Preventive Cardiology, and Cardiovascular Health Innovation where he oversaw the top-enrolling MyHeart Counts study launching Apple's ResearchKit mobile health research platform.

In 2015 he joined Google (now Verily) Life Sciences leading cardiovascular health projects. In 2019 he moved to the Google Health team, which has now merged with Fitbit. He has published over 100 peer-reviewed articles and was principal investigator of multiple research and training grants from the National Institutes of Health and the American Heart Association (AHA).

He is a founding member of the AHA's Health Technology Advisory Group and recently co-chaired the task force for AHA's 2030 Impact Goal. He is currently co-chair of the Consumer Technology Association's working group on Cardiovascular Technology Solutions in collaboration with the American College of Cardiology.



**Prof. Martin COWIE**

Professor Martin R Cowie, MD, MSc (Epid), FRCP, FRCP (Ed), FESC, FHFA, FACC

Professor of Cardiology, King's College London (Royal Brompton Hospital), UK

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Martin Cowie is Consultant Cardiologist at the Royal Brompton Hospital, London (a Division of Guy's & St Thomas'), where he leads the heart failure service, and Professor in the School of Cardiovascular Medicine & Sciences at King's College London. He was a Non-Executive Director and Board member of the National Institute for Health and Care Excellence (NICE) from 2016-2020.

Professor Cowie's research interests focus on health technology assessment and delivery of efficient and effective care for patients with heart failure, with a focus on diagnostics, drugs, or devices. He also has had a longstanding interest in evaluating remote monitoring and now digital technologies in heart failure.

Professor Cowie is a founding member and past-Chairman of the British Society for Heart Failure, in addition to being a Fellow of the American College of Cardiology, and the European Society of Cardiology (ESC). He chairs the Digital Health Committee of the ESC. Professor Cowie was shortlisted for the NHS Digital Champion (Leadership) Award in England in 2017, was awarded the Thomas Lewis Medal for services to British Cardiology in 2019, and was the recipient of the Roy Award from the UK Heart Failure Patient Charity, Pumping Marvellous, in 2019 for outstanding contribution to excellence in heart failure.

Professor Cowie is an Associate Editor of Heart and Journal of the American College of Cardiology-Heart Failure, and is an editorial board member of many other journals.

He has contributed chapters to many books, and has written a book for patients entitled "Living with Heart Failure – A Guide for Patients".



He has published 350+ Pub-Med listed papers, and has a current h-index of 80, with his work cited more than 80 000 times in the scientific literature.

He particularly enjoys speaking to members of the public about cardiovascular health issues, and has spoken at the Cambridge Science Festival, The Wellcome Foundation, The Dana Foundation, and most recently delivered a TEDx talk on “Beating the World’s Biggest Killer”, which you can view on [https://www.youtube.com/watch?v=t\\_Xp65OUtU0](https://www.youtube.com/watch?v=t_Xp65OUtU0)

He has spoken at countless scientific meetings all around the world – and enjoys interacting with any audience.



**Prof. Thomas DENEKE**

Prof. Dr. Thomas Deneke  
Director of Clinic for Interventional Electrophysiology and Arrhythmology  
Heart Center Bad Neustadt, Germany

Interventional Electrophysiology with special focus on complex interventions including one of the largest VT ablation programs in Germany. Interventional center in an elaborated network for VT interventions of more than 70 participating and admitting centers.

Personal expertise in complex VT ablations including bipolar ablations, epicardial procedures and Bavarian Center of Excellence for treatment of patients with electrical storm.

Elected member of the German Cardiac Society leading committee, Head of the Certification Committee of the German Cardiac Society, Co-Chair of the EHRA Scientific Documents Committee, Member of the Heart Rhythm Society Digital Health committee.



**Prof. Paul FRIEDMAN**

Dr. Paul Friedman is a Professor of Medicine and the Norman Blane & Billie Jean Harty Chair, Mayo Clinic Department of Cardiovascular Medicine Honoring Robert L. Frye, M.D. at Mayo Clinic, Rochester, Minnesota.

He is ABIM board certified in cardiovascular medicine and cardiac electrophysiology, and is an active participant in the MOC process.

Previously, Dr. Friedman served as Director of the Cardiac Implantable Device Lab, Mayo Clinic. He is a trained electrical engineer, with deep experience in innovation (> 40 patents issued, named Minnesota Top Inventor), and scientific research (> 250 scientific original publications). He is a committed educator, serving as a director for 5 national and international meetings, editor of 7 textbooks, and author of over 60 book chapters. He is a frequent visiting professor and lecturer at educational meetings.

Dr Friedman received his BA in Plan II liberal arts and BS in Electrical Engineering from the University of Texas at Austin. He received his medical degree from Stanford University, and trained in internal medicine at the University of Washington, Seattle (internship) and Stanford University. He trained in cardiovascular medicine and cardiac electrophysiology at Mayo Clinic, Rochester, MN.

Interests:

- Atrial fibrillation management, including medications, remote monitoring, medications, ablation, and left atrial appendage closure
- Ventricular arrhythmia management (PVCs, VT)
- Medical and ablative management of SVTs
- Complex cardiac ablation, atrial and ventricular arrhythmia
- Cardiac device insertion, including leadless pacemaker, Hisbundle pacing, and subcutaneous defibrillator



- Interventional procedures (venoplasty, snaring) for pacemaker, ICD, and resynchronization device placement
- Percutaneous epicardial access for complex ablation and appendage closure
- Implantable device extraction
- Artificial intelligence in medicine
- Remote monitoring



**Mehdiyar HASCHEMI**  
**Siemens Healthineers**

Mehdiyar Haschemi has been a Product Manager for artificial intelligence solutions for cardiovascular care at Siemens Healthineers since January 2021.

Mehdiyar joined the healthcare business of Siemens in 2011 as a consultant and has served in diverse leadership positions with increasing responsibility within the Imaging business, for the IPO listing of the company, the Managing Board Office, and the Advanced Therapies segment. Mehdiyar holds a Dipl. Wirt.-Ing. degree in Industrial Engineering and Management from TU Dortmund University, Germany.

At Siemens Healthineers, our purpose is to drive innovation to help humans live healthier and longer. Through our products, services and solutions we help physicians, medical staff, and healthcare providers to prevent illnesses from occurring and to correctly diagnose and determine the right treatments for people who do become ill – resulting in fewer complications, shorter hospital stays, and faster patient recovery.

Our mission is to enable healthcare providers to increase value by expanding precision medicine, transforming care delivery, improving the patient experience, and digitalizing healthcare. With our comprehensive portfolio – from in-vitro diagnostics and imaging to therapy and follow-up care – we address the complete care continuum for many of the world’s most threatening diseases. Every hour, more than 240,000 patients are touched by technologies provided by Siemens Healthineers. We are at the center of clinical decision making with almost three-quarters of all critical clinical decisions influenced by our solutions.

We are a leading medical technology company with over 120 years of experience and more than 65,000 highly dedicated employees around the globe who are innovating every day, truly shaping the future of healthcare.



**Trudie LOBBAN,  
Arrhythmia Alliance**

Trudie C A Lobban MBE, FRCP

Founder & CEO of Atrial Fibrillation Association (AF Association), Arrhythmia Alliance (A-A) and STARS (Syncope Trust And Reflex anoxic Seizures)

Trudie Lobban MBE, FRCP, is the founder of three international charities working to provide information, support, education and awareness of cardiac arrhythmias (irregular heart rhythm disorders) including atrial fibrillation and syncope. Trudie sits on a number of medical boards, steering committees and advisory groups. She is also an author and co-author of numerous articles, chapters and research papers relating to cardiac arrhythmias.

Trudie established STARS (Syncope Trust And Reflex anoxic Seizures) charity following the diagnosis of her daughter with RAS and at the request of her paediatric neurologist in 1993. In 2004 she established the Arrhythmia Alliance: working together to improve the diagnosis, treatment and quality of life for all those affected by arrhythmias. In 2007, due to the high demand for information and resources on atrial fibrillation, Trudie launched the AF Association.

Trudie regularly meets with government officials, ambassadors, health ministers and Prime Ministers as well as Members of the European Parliament to highlight the need for improved services for people with cardiac arrhythmias and those delivering the service.

In 2009 she was made a Member of the British Empire (MBE) recognised by Her Majesty The Queen of England for her services to healthcare.

In 2014 she was awarded a Fellowship at the Royal College of Physicians, Edinburgh, Scotland





**Leonardo RAPALLINI,  
Medtronic**

Leonardo Rapallini is a biomedical engineer with more than 20 years of experience in the medical device industry.

He has been leading the development of several disruptive innovations, including the introduction of the Micra leadless pacemaker.

Currently, he leads the Research and Development department of the Cardiac Diagnostic Business at Medtronic and he is particularly focused on using AI and data to drive impactful clinical solutions.



**Prof. Jag SINGH**

JAGMEET(JAG) P. SINGH, M.D., PH. D. is a Professor of Medicine at Harvard Medical School.

He is the former Clinical Director of the Cardiology Division and the Roman W. DeSanctis Endowed Chair in Cardiology from 2015-2020.

He is also the Founding Director of the Resynchronization and Advanced Cardiac Therapeutics Program, at the Massachusetts General Hospital Heart Center.

He is currently the national & global principal investigator on several ongoing multi-center clinical trials in device therapy and sensor strategies for heart failure and atrial fibrillation.

Much of his current efforts are focused on healthcare redesign, digital health and medical device innovations.

Dr. Singh has over 350 publications inclusive of original research articles, textbook chapters, review articles and editorials.



**Dr Emma SVENNBERG**

Dr Svennberg is a specialist physician and researcher in cardiac arrhythmias at the Department of Electrophysiology, Karolinska University Hospital, Karolinska Institutet, Stockholm, Sweden.

Her main research interest is in screening for atrial fibrillation (AF), in particular by digital devices.

Dr Svennberg chairs the European Heart Rhythm Association Digital Committee and serves on the steering committee of the AF Screen International Collaboration and the Heart Rhythm Society Digital Health Committee.

She has been a principal investigator on the STROKESTOP I mass-screening studies for AF in more than 28,000 elderly people in Sweden, recently published in the Lancet.

In addition, she is an author of the recently published 2021 ISHNE/HRS/EHRA/APHRS collaborative statement on the use of mobile medical tools for arrhythmia management.

Dr Svennberg has published more than 40 papers on AF and other arrhythmias.



**Dr Mintu TURAKHIA**

Mintu P. Turakhia, MD MAS

Associate Professor

Executive Director, Center for Digital Health

Stanford University School of Medicine

Chief of Cardiac Electrophysiology, VA Palo Alto Health Care System

Chair, HRX 2021 Digital Health Conference

Mintu Turakhia M.D. M.A.S. is a cardiac electrophysiologist, outcomes researcher, and clinical trialist. He is the Director of the Stanford Center for Digital Health (CDH) and the newly-formed American Heart Association-funded Heart Health Technology Center. In his clinical role, he performs invasive procedures such as catheter ablation and device implantation to treat heart rhythm disorders.

Dr. Turakhia has an active multidisciplinary program in heart rhythm and digital health research, where uses biostatistical, health economic, artificial intelligence, and data science approaches to examine quality, outcomes, and risk of heart rhythm disorders such as atrial fibrillation in very large datasets. He is a principal investigator of several multi-center trials, such as the Apple Heart Study, to test digital health tools and wearables, and he collaborates closely on research with med device and tech companies. Dr. Turakhia has published over 250 manuscripts and works and is an elected member of the American Society of Clinical Investigation and a Fellow of the American College of Cardiology, American Heart Association, and Heart Rhythm Society. Dr. Turakhia has served as an executive, advisor, and investor to over 50 medical device, drug, and health technology companies across the life cycle, from early stage to IPO, with several recent exits in digital health.



**Dr Manish WADHWA,  
Philips/BioTelemetry**

Dr Manish Wadhwa is currently the Chief Medical Officer for Biotelemetry, A Philips Company, and also an actively-practicing board certified Cardiologist and Cardiac Electrophysiologist in San Diego, CA.

In 2019 Biotelemetry acquired Geneva Health Solutions, which Manish co-founded and served as an Investor, Board Member and Chief Medical Officer.

Manish's current responsibilities include providing guidance as the Medical Director of the Philips Ambulatory, Monitoring and Diagnostics Division both domestically and internationally.

Manish attended the Penn State University-Thomas Jefferson Medical College Six Year BSc-MD Program. Upon completion, Dr. Wadhwa trained in Internal Medicine and General Cardiology at Thomas Jefferson University Hospital in Philadelphia, PA.

He completed his Cardiology training with 2 years of advanced fellowship in Cardiac Electrophysiology at the University of California at San Diego and has been practicing EP in San Diego since 2000.