

Khurram Nasir MD MPH Msc is the Chief of Cardiovascular Disease Prevention and Wellness as well as serves as the Co-Director for Center for Outcomes Research at Houston Methodist. His clinical Interest in lies in role of precision medicine and novel imaging tools for cardiovascular disease risk assessment and tailored management to prevent risk of heart disease. In addition, he also pursues health system approaches and leverages big data applications for implementing cost-efficient preventive strategies at population levels

Dr. Nasir received his MD from Pakistan, followed by a Master's degree in public health at John Hopkins University. Dr. Nasir completed his internal medicine residency at Boston Medical Center and cardiology fellowship at Yale University. He also received postdoctoral research training at the division of cardiology at Johns Hopkins Hospital and was recipient of NIH T-32 fellowship in cardiac imaging at Massachusetts General Hospital, Harvard University. In 2017, he earned a Master's degree in Health Economics and Policy Management from London School of Economics & Political Science.

Dr. Nasir is an established international leader in cardiovascular prevention and population health. He has a particular interest in the mechanisms and policy impact of coronary atherosclerotic disease detection, with research interests that include: (1) comprehensive assessment of environmental and genetic factors related to early atherosclerosis; (2) describing role of absence of coronary disease on non-invasive imaging for tailored individual management and population level resource allocation ; and (3) the study of personalized medicine using precision medicine and big data applications to study mechanistic determinants of resistance of atherosclerotic cardiovascular disease in high risk individuals. His research was a catalyst of major change in both US and European heart disease management guidelines affecting millions of individuals who can now be candidate for coronary imaging to guide intensity of medical treatment.

Dr Nasir is also leading multiple national efforts on strengthening cardiovascular disease learning health systems via emphasis on data driven digital solutions, reducing waste, cost-effective interventions, improving patient experiences, and eliminating disparities & healthcare related financial burden among vulnerable populations such as ethnic minorities, uninsured and poor SES.

He has published more than 550 high impact articles published in top academic journals. He is currently Associate Editor for the journal "Circulation: Cardiovascular Quality and Outcomes" He has also lectured frequently and has invited presentations at the American College of Cardiology and chaired sessions at the American College of Cardiology, American Heart Association as well Society of Cardiac CT annual symposiums. He has also served on the board of directors for Society of Cardiac CT (SCCT) and American Society of Preventive Cardiology (ASPC).

In 2019 he was selected for the prestigious Jerold B. Katz Academy of Translational Research to support his innovative work in cardiovascular disease prevention and population health. In 2013, for his contributions in preventive cardiology research he was awarded the "*Johns Hopkins Distinguished Alumni Award*", which honors alumni who have typified the Johns Hopkins tradition of excellence and brought credit to the University by their personal accomplishment, professional achievement, or humanitarian service