

Dr. Madder is a board-certified interventional cardiologist and a fellow of the American College of Cardiology and of the Society of Cardiac Angiography and Interventions. He earned a medical degree from the University of Pittsburgh and completed internal medicine residency at Washington University in Saint Louis. He completed fellowships in cardiovascular disease and interventional cardiology at the William Beaumont University Hospital in Royal Oak, Michigan.

After completing medical training in 2011, Dr. Madder practiced interventional cardiology for 14 years at Corewell Health West in Grand Rapids, Michigan where he served as Section Chief of Interventional Cardiology and Medical Director of the Cardiac Catheterization Laboratory from 2016 to 2025. Since 2021, he has been a strategic advisor to the Blue Cross Blue Shield Cardiovascular Collaborative (BMC2), a statewide PCI quality improvement initiative, and has helped lead improvements in cath lab radiation safety and intracoronary imaging across Michigan. From 2020-2021 and again in 2024-2025, Dr. Madder served as Chairperson of the Cardiac Catheterization Standards Advisory Committee for the state of Michigan's Certificate of Need Commission.

In 2025, Dr. Madder transitioned to Corewell Health East where he is currently the Program Director of the Interventional Cardiology Fellowship and the Lucia Zurkowski Endowed Chair of the Center for Innovation and Research in Cardiovascular Disease at the William Beaumont University Hospital.

Dr. Madder remains deeply involved in education. In addition to his role as Program Director of the Interventional Cardiology Fellowship, he is frequently invited as faculty at national and international meetings. He is also one of the founding course directors of the Michigan OPCI meeting held annually in Detroit.

Dr. Madder is an active researcher with extensive publications in the fields of intracoronary imaging, cath lab radiation safety, and robotic coronary interventions. Over his career, he has been the principal investigator for numerous industry-sponsored and investigator-initiated studies and has been the recipient of both internal and external grant funding. An expert in IVUS, OCT, and NIRS, his early work in intracoronary imaging focused on the use of NIRS for invasive plaque characterization. He conducted some of the world's first clinical studies of NIRS in patients with acute myocardial infarction. In recent years, his work in intracoronary imaging has focused on increasing the utilization of imaging to guide PCI. His work in radiation safety includes the study of novel technologies to reduce radiation exposure in the cath lab. Dr. Madder has spent more than a decade developing and researching telerobotic capabilities as a means to treat patients in underserved

geographies from afar with endovascular robotic procedures. He has a robotics laboratory on the campus of the William Beaumont University Hospital and is actively working on a project to develop 5G-enabled telerobotic capabilities across various hospitals in the state of Michigan.