



O'Byrne, Michael

Michael L O'Byrne MD MSCE is an Assistant Professor of Pediatrics at the Perelman School of Medicine at the University of Pennsylvania and an Interventional Cardiologist in the Division of Cardiology at The Children's Hospital of Philadelphia. He is also core faculty in the CHOP Center of Pediatric Clinical Effectiveness, a Senior Fellow in the University of Pennsylvania Leonard Davis Institute for Healthcare Economics, and the Cardiovascular Outcomes, Quality, and Evaluative Research Center.

Dr. O'Byrne's research focuses on improving outcomes in patients with congenital and acquired heart disease. To accomplish this his research portfolio includes studies that leverage large observational datasets (clinical registries, administrative datasets, and claims databases) to assess quality of care and practice variation between hospitals, comparative effectiveness research, and economic outcomes. Separately, he also leads a team evaluating patient-centered outcomes of patients and families with cardiac disease evaluating the biological, psychological, determinants of health-related quality of life in this population. He is supported by a patient-centered career development award from the National Heart Lung and Blood Institute as well as project support from foundations.

Dr. O'Byrne graduated with an AB degree magna cum laude in Neurobiology from Harvard University in in 2001, followed by an MD from Columbia University's College of Physicians and Surgeons in 2007. His internship and residency were completed at The Children's Hospital of Philadelphia, followed by a fellowship in pediatric cardiology and advanced fellowships in pediatric cardiovascular research and interventional cardiology. He completed an MSCE from the University of Pennsylvania in 2014. He re-joined the faculty at CHOP and Penn in his current position in 2017.