Michael B. Rothberg, M.D., M.P.H. is the Vice Chair for Research in the Medicine Institute of the Cleveland Clinic and Director of the Center for Value-Based Care Research. The Center’s researchers use large observational data sets to understand how to best provide high quality, low cost care to populations of patients.

Dr. Rothberg completed a research fellowship in Medical Informatics from the National Library of Medicine and has received research funding from AHRQ, NHLBI, the Doris Duke Charitable Foundation, and the Informed Medical Decisions Foundation.

His research examines quality of care and decision making for common medical conditions, with an emphasis on tailoring treatment to patients based on individual risk and preferences. His most recent grant from AHRQ aims to create a dynamic risk prediction tool that will weigh the benefits and harms of venous thromboembolism prophylaxis for medical inpatients and make recommendations to physicians through the electronic medical record. The tool will be tested in a large randomized trial to see if targeted use of prophylaxis can reduce the need for prophylaxis by as much as 2/3 without any increase in venous thromboembolism. Through similar uses of "big data" to personalize medical care, Dr. Rothberg hopes to decrease costs and treatment burden for a variety of conditions while maintaining the benefits of proven treatments for those who need them.

Dr. Rothberg is also passionate about teaching evidence-based medicine and research methods to the next generation of physicians. For 7 years he directed the research program at Baystate Medical Center, increasing resident publications from 0 per year in 2005 to 18 per year in 2012. He continues to work with residents and medical students.