



Building a Roadmap from Patient-Reported Outcome Measures to Patient-Reported Outcome-Performance Measures Technical Expert Panel (TEP)

Committee Chairs

Catherine MacLean, MD, PhD

Chief Value Medical Officer, Rheumatologist, Hospital for Special Surgery
New York, New York

Catherine MacLean leads the development and execution of strategies to measure, report, and improve healthcare value. She has served as the executive leader of quality and care management programs at Anthem/WellPoint; principal investigator at UCLA and RAND; and as a director, chair or participant on numerous national committees and panels related to health care quality and value. She obtained her MD from Washington University, St. Louis and her PhD in health services from UCLA. She completed training in internal medicine at Harbor-UCLA, and in rheumatology at UCLA.

Sam Simon, PhD

Director, Health Program Improvement, Mathematica
Cambridge, Massachusetts

Sam Simon is a health services researcher with over 20 years of measure development experience. Dr. Simon is a director of measure development at Mathematica, where he oversees the organization's measure development work for CMS, specialty societies, and states. He is currently Principal Investigator for a CMS-funded contract to develop digital clinician-level quality measures for consideration in CMS's MIPS program and has led development and testing of PRO-PMs using EHR data. He is a member of NQF's scientific methods panel.

Technical Expert Panel Members

David Andrews, PhD

Patient Advisor
Aiken, South Carolina

David Andrews is a retired college professor (Psychology/Cognitive Neuroscience). Since retirement he has spent 15 years working as a patient advisor/advocate with numerous organizations - from local hospitals (teaching to critical access), to professional associations (Georgia Hospital Association, AHA, American College of Radiologists, etc.), to national organizations (CMS, IOM/NAM, NQF, PCORI, IHI, among others). He brings to this work both a complex and varied medical history (including a rare autoimmune disease and a couple cancers), and a professional background that includes extensive experience with research design, measurement and evaluation, and statistics.

Katherine Ast, MSW, LCSW

Director, Quality & Research, American Academy of Hospice and Palliative Medicine
Glenview, Illinois

Katherine Ast is a licensed clinical social worker and specialist in quality measure development. She led the AAHPM and HPNA "Measuring What Matters" initiative; managed the forming of a new 501c3, the Palliative Care Quality Collaborative, which unified three existing data registries; and is Project Director for a cooperative agreement funded by CMS which will result in new patient-reported outcome performance measures. Prior to her current work, she led multiple projects for the development and endorsement of clinical performance measures for AMA-PCPI.

Rachel Brodie, BA

Senior Director, Measurement & Accountability, Pacific Business Group on Health
San Francisco, California

Rachel Brodie leads multistakeholder initiatives to advance healthcare quality and put performance information to use for payment and decision-making. She is leading an initiative to demonstrate the feasibility and impact of collecting and using outcome measures to support value-based contracting and payment and develop methods to address barriers to collecting patient-reported outcomes (PROs). She leads several measurement and reporting collaboratives, including the Patient Assessment Survey which measures patient reported experience of medical groups. Rachel managed the California Joint Replacement Registry, which reported results of hip and knee replacement surgeries, including PROs. She received a BA from Princeton University.

Zahid Butt, MD, FACC

President and Chief Executive Officer, Medisolv, Inc.
Columbia, Maryland

Dr. Zahid Butt is a senior executive with 30 plus years of experience in healthcare delivery and data analytics for performance improvement. Throughout his career, he has held a variety of leadership positions in diverse healthcare settings and provides key insights into leveraging HIT to improve quality of care. He has served on several government technical expert panels, private sector HIT task forces and the National Quality Forum (NQF) for the development, implementation, and maintenance of electronic clinical quality measures (eCQMs) for national quality programs. He currently chairs the Healthcare Information and Management Systems Society (HIMSS) Quality and Safety Taskforce.

Collette Cole, BSN, RN, CPHQ

Clinical Measurement Developer, Minnesota Community Measurement
Minneapolis, Minnesota

Collette is a measure developer at Minnesota Community Measurement. She has over 30 years' experience in a variety of health care settings with a significant portion devoted to quality improvement, measure design and reporting. Collette's measurement development work includes depression, chronic disease, orthopedic procedures, and oncology. She is passionate about developing and implementing measures that address gaps in patient outcomes. Collette has served as an expert panel member for several patient reported outcome focused groups, holds a BSN degree in Nursing from the University of Minnesota, and is a certified professional in healthcare quality.

Paula Farrell, BSN, RN, CPHQ, LSSGB

Associate Project Director, Clinical Quality Measurement, Department of Quality Measurement, The Joint Commission
Oakbrook Terrace, Illinois

Paula Farrell is an Associate Project Director in the Department of Quality Measurement at The Joint Commission. In this role, she leads team-based projects addressing the identification, specification, testing, and implementation of standardized performance measures for various care settings and clinical areas. She received a Bachelor of Science in Nursing from Millikin University in Decatur, IL and is a Certified Professional in Healthcare Quality (CPHQ) and a Lean Six Sigma Green Belt (CLSSGB). She is currently working to obtain her Master of Science in Healthcare Quality and Safety from the University of Alabama Birmingham.

Mark Friedberg, MD, MPP

Senior Vice President, Performance Measurement & Improvement, Blue Cross Blue Shield of Massachusetts
Boston, Massachusetts

Mark Friedberg is Senior Vice President, Performance Measurement & Improvement at Blue Cross Blue Shield of Massachusetts. He is responsible for all activities related to measuring and improving the performance of BCBSMA's provider network, and he oversees data analytics related to BCBSMA's own performance. In his previous research position at RAND, Dr. Friedberg led multiple projects to measure, evaluate, and improve health system performance, including developing and assessing the validity and reliability of performance measures. Dr. Friedberg is a general internist who provides primary care at Brigham and Women's Hospital, where he completed his residency and fellowship.

Debbie Gipson, MD, MS

Professor of Pediatrics, University of Michigan
Ann Arbor, Michigan

Dr. Gipson is a Professor of Pediatrics at the University of Michigan. Dr. Gipson is trained in epidemiology, measure development, and pediatric nephrology. She has expertise in disease-specific PRO and ClinRO measure development, generic PROMIS patient self-report and proxy measure validation, scoring and interpretation in chronic diseases, and implementation and analysis of PRO, proxy, and ClinRO measures in clinical (ambulatory care and dialysis units) and research settings. Dr. Gipson is a member of the American Society of Pediatric Nephrology.

Ben Hamlin, MPH

Senior Research Informaticist, Research & Performance Measurement, National Committee for Quality Assurance
Washington, District of Columbia

Ben Hamlin is the Senior Research Informaticist at NCQA specializing in clinical quality, decision support, and the use of predictive outcomes for quality improvement. He is a nationally recognized leader in transformative quality strategies and the principal architect of HEDIS ECDS quality measure reporting. A specialist in application of CQL and FHIR standards to quality, Ben currently co-leads NCQA's Digital Measure Roadmap initiative, which is seeking to improve generation of knowledge derived from the process of quality assessment. His principal area of expertise is in quality measurement using multidimensional assessment models for assessing quality of patient-centered care.

Janel Hanmer, MD, PhD

Medical Director of Patient Reported Outcomes, University of Pittsburgh Medical Center
Pittsburgh, Pennsylvania

Dr. Hanmer is an acting general internist with a PhD in Population Health Sciences. Her research interest is in measuring health-related quality of life with a focus on preference-based summary scores and benchmarking. Dr. Hanmer's current roles include Medical Director of Patient Reported Outcomes at the University of Pittsburgh Medical Center where she oversees the integration and use of patient reported outcomes in clinical care.

Helen Haskell, MA

Founder and President, Mothers Against Medical Error
Columbia, South Carolina

Helen Haskell is president of the nonprofit patient organizations Mothers Against Medical Error and Consumers Advancing Patient Safety, and co-chair of the WHO Patients for Patient Safety advisory group. Since the medical error death of her young son Lewis in 2000, Helen has devoted herself to enhancing the patient contribution to safety and quality in healthcare in a wide range of areas. She serves on national and international boards and committees and has written numerous articles, book chapters, and patient educational materials, including a coedited textbook of case studies in patient safety from the patient perspective.

Brian Hurley, MD, MBA, DFASAM

Director of Addiction Medicine, Los Angeles County Department of Health Services
Los Angeles, California

Brian Hurley is an addiction physician and Director of Addiction Medicine for the Los Angeles County Department of Health Services. He is a senior researcher at the Friends Research Institute, a RAND Corporation co-investigator, and primary investigator on a project to integrate smoking cessation services into community health settings. He is currently a Director at Large on the board of the American Society of Addiction Medicine and is the Clinical Director of the Treatment Starts Here in Primary Care program through the Center for Clinical Innovation. Additionally, he is a Volunteer Assistant Clinical Professor at the David Geffen School of Medicine of the University of California, Los Angeles.

Christine Izui, MS

Health Policy Principle, Center for Transforming Health, MITRE Corporation
McLean, Virginia

Christine Izui, a Health Policy Principle at MITRE, develops strategies for federal value-based programs, including the Quality Payment Program (QPP), that measure and reward clinicians' performance. Measurement strategies have examined how patients can be included in the identification of measured priorities and how clinicians can be supported in the use of shared-decision making tools and patient-reported information. Ms. Izui has launched quality measurement programs used by insurers, business groups, hospitals, and regulators. Ms. Izui holds a Master of Science, Patient Safety Leadership through the University of Illinois and a Bachelor of Arts from the University of Virginia.

Laura Jantos, LFHIMSS

Patient Advocate, Healthcare Technology/Digital Health
Mercer Island, Washington

Laura Jantos was a partner in a national consulting firm leading its healthcare information technology practice when a snowboarding accident in 2012 left her with a traumatic brain injury (TBI) and significant cognitive impairments. Another TBI in 2018 erased 6 years of progress and initiated a new recovery journey. She has spent the last 8+ years working to regain skills to advocate for better digital health tools for patients and caregivers. Her cognitive impairments combined with deep industry knowledge provide a unique perspective on patient engagement and HCIT adoption.

Kirk Munsch

Patient Advocate, Rare Patient Voice
Colorado Springs, Colorado

Kirk Munsch is currently a Multiple Sclerosis patient and a member of the Patient Advocacy Team at Rare Patient Voice. Prior to this current position, Kirk was employed for 33 years in the Defense Industry and primarily Naval Aviation. Kirk also served as an Antisubmarine Warfare Acoustic Operator onboard the P-3 Orion Navy aircraft and participated in numerous tactical events involving USSR Submarines. Kirk's Defense Industry experience included weapons systems training development, in-person onsite instructor duties, deployed acoustic readiness training system courseware development, implementation and instruction. Later, Kirk became involved in the development and maintenance of Naval Air Training and Operating Procedures Standardization (NATOPS) manual products as well as Naval Aviation Technical Information Products (NATIPs.) Kirk has performed as a Subject Matter Expert (SME) to Program Management within the Defense Industry and managed the successful acquisition and execution of approximately \$500M worth of Defense contracts.

Deborah Paone, DrPH, MHA

Performance Evaluation Lead and Policy Consultant, SNP Alliance
Washington, District of Columbia

Dr. Deborah Paone is Performance Evaluation Lead and Policy Consultant to the Special Needs Plan Alliance, a national, non-profit leadership association. She is the subject matter expert in quality measurement/methods and collaborates with NQF, NCQA, and CMS. Deborah leads work on SDOH and the SNPA Survey. Dr. Paone also serves on the CMS/RAND TEP on MA Stars (2018-2021). Dr. Paone is President of Paone & Associates and has held senior positions with the National Chronic Care Consortium and the American Hospital Association. She holds a Doctor of Public Health, a Master of Health Services Administration, and a Bachelor in Gerontological Issues.

Brenna Rabel, MPH

Lead Health Research Scientist, Battelle Memorial Institute
Arlington, Virginia

Brenna Rabel has a decade of experience in public health and healthcare quality improvement. Her experience has been largely focused on electronic clinical quality measure (eCQM) development, testing PRO-PMs, and stakeholder engagement for federal agencies and private foundations. Currently, Breanna is a Lead Health Research Scientist at Battelle, where she serves as a measure expert on the CMS Measures Management System contract and as Project Director for a contract to provide technical assistance to grantees developing metrics to improve diagnostic performance in the fields of cancer, infection, and acute vascular diseases.

Nan Rothrock, PhD, MA

Clinical Psychologist, Feinberg School of Medicine, Northwestern University
Chicago, Illinois

Nan Rothrock is a licensed clinical psychologist with specialization in psychosocial oncology and a professor in the Departments of Medical Social Sciences, Psychiatry and Behavioral Sciences, and Neurology in the Feinberg School of Medicine at Northwestern University. She is a health outcomes researcher with a focus in patient-reported outcome (PRO) measure development and application. Her research includes qualitative and quantitative methodologies for measure development, development and evaluation of health information technology for PROs, evaluation of implementation strategies for PROs in clinical care, and construction of new tools to facilitate PRO use in clinical practice.

Mike Sacca, AS

Vice President, Healthcare Quality and Data Analytics, RELI Group
Douglassville, Pennsylvania

Mike Sacca is experienced in all aspects of the measure development lifecycle, including the identification, prioritization, development, testing, endorsement, and implementation of electronic measures for national programs and payment models across CMS, ONC, and NIDA—including high-priority measure types such as outcomes, patient-reported outcomes, and composite measures. His experience cuts across the public/private sector, multiple clinical care settings, domains, and attribution levels, including clinician, group, facility, system, plan, and ACO/APM. He is actively serving on the NQF EHR Data Quality TEP, and previously served on the NQF Incubator Data Steering Committee and championed the HHS eCQM National Test Bed.

Rachel Sisodia, MD

Senior Medical Director for Specialty Care and Patient Reported Outcomes, Massachusetts General Brigham Health
Boston, Massachusetts

Dr. Rachel C. Sisodia is an Assistant Professor at Harvard Medical School, a surgeon at Massachusetts General Hospital, and the Senior Medical Director for Specialty Care and Patient Reported Outcomes (PROs) for Mass General Brigham (formerly Partners Healthcare). Dr. Sisodia oversees the largest PRO program in the world, with over 10,000,000 PROs collected in 255 clinics, 56 specialties, 8 hospitals, and more than 100 different geographic locations. An internationally recognized expert in implementation, contracting, and pragmatic use of PROs in clinical care, Dr. Sisodia serves on multiple technical expert panels for PRO use and has published extensively in the area.

John Spertus, MD, MPH, FACC, FAHA

Clinical Director of Cardiovascular Education and Outcomes Research, Mid America Heart Institute
Kansas City, Missouri

Dr. Spertus is a cardiologist who has pioneered the creation of disease-specific PROs (e.g., the Seattle Angina and Kansas City Cardiomyopathy Questionnaires) and guided efforts to include the 'patient's voice' as outcomes in clinical trials, as tools in patient care, and as a means for judging the quality of care. He co-led the ACC/AHA's methodology to develop performance measures.

Ruth Wetta, PhD, MSN, MPH, RN

Lead Clinical Researcher, Population Health, Cerner Corporation
Kansas City, Missouri

Ruth Wetta is a Lead Clinical Researcher at the Cerner Corporation and an Adjunct Associate Professor at the University of Kansas School of Nursing. She is a RN holding a master's degree in nursing administration and public health, Ph.D. in Community Psychology, and nursing informatics. Ruth's career has spanned more than 40 years, with applied clinical nursing experience (15 years), quality improvement and outcomes research (7 years), health services/health behaviors research using the determinants of health (15 years), and informatics (5 years). Her research interests include access to healthcare, care management in vulnerable populations, and population health.

Albert Wu, MD, MPH, FACP

Professor, Department of Health Policy and Management and Medicine, Johns Hopkins Bloomberg School of Public Health
Baltimore, Maryland

Albert Wu is a practicing internist and Professor of Health Policy and Management and Medicine at Johns Hopkins. He directs the Center for Health Services and Outcomes Research, Masters in Patient Safety and Healthcare Quality, and Armstrong Institute Center for Meaningful Measures. He is an expert on PROs, was President of the International Society for Quality of Life Research and has published over 475 papers. He is editor of Journal of Patient Safety and Risk Management, served on the IOM committee on preventing medication errors, NQF Patient Safety Standing Committee, and was Senior Adviser for Patient Safety to WHO.

Federal Liaisons

Girma Alemu, MD, MPH

Office of Planning, Analysis, and Evaluation, Health Resources and Services Administration

Joel Andress

Centers for Medicare & Medicaid Services (CMS), Center for Clinical Standards and Quality

David Au, MD, MS

U.S. Department of Veterans Affairs

Kyle Cobb

U.S. Department of Health and Human Services, Office of the National Coordinator for Health Information Technology, Office of Technology

Janis Grady, RHIT, FAC-COR III

CMS, Center for Clinical Standards and Quality

Rhona Limcango, PhD

Agency for Healthcare Research and Quality

Meghan McHugh, PhD, MPH

Substance Abuse and Mental Health Services Administration

Sandra Mitchell, PhD, CRNP, FAAN

National Institutes of Health, National Cancer Institute

Ashley Wilder Smith, PhD, MPH

National Institutes of Health, National Cancer Institute

Clifford A. Smith, PhD, ABPP-Cn

Veterans Affairs, Office of Mental Health and Suicide Prevention