



Center for Performance Measurement

Leveraging Measurement Science to Improve Healthcare

The Center for Performance Measurement at IPRO is an interdisciplinary team that brings a broad and deep range of experience to performance measurement activities. With deep subject matter expertise in Medicare, Medicaid, infection measures, patient experience, sepsis, performance improvement, and HEDIS-like measures, our experience spans providers, hospitals, health plans, external quality review contracts, physician advisors, MIPS, and more.

Center Experience

Measure conceptualization

- Selecting measure criteria
- Performing literature reviews
- Conducting expert interviews
- Reviewing existing measures
- Identifying priority areas

Measure specification, use, continuing evaluation and maintenance

- Defining numerator, denominator, data sources
- Convening expert panels
- Creating final specifications

Measure testing

- Recruiting pilot participants
- Conducting reliability analyses
- Surveying participants

Measure implementation/operationalization

- Developing technical portal
- Receiving data
- Providing public reports
- Educating users on data collection

Staff Expertise

The Center's team of research professionals is comprised of clinician researchers, performance measurement science experts, data scientists, benchmarking experts, quality management specialists, and others.

Director

Nikolas Matthes, MD, PhD, MPH, MSc
Assistant Vice President,
State Healthcare Assessment



Nikolas Matthes has more than 20 years of experience in health care performance measurement. His professional experience spans not-for-profit organizations, trade associations and the health care industry and includes patient level clinical quality, electronic clinical quality, and nursing sensitive quality measures as well as survey-based patient reported outcome and patient experience measurement.

Dr. Matthes serves on the Center for Medicare & Medicaid Services/ Yale New Haven Health Services Center for Outcomes Research and Evaluation Technical Expert Panel (TEP), as well as the TEP for the National Quality Forum's Core Quality Measures Collaborative (CQMC) Health Equity Workgroup. He was principal investigator for Agency for Healthcare Research and Quality's (AHRQ's) MONAHRQ initiative developing software enabling organizations to generate a health care quality reporting website.

Dr. Matthes is an adjunct Assistant Professor in Health Policy and Management at the Johns Hopkins Bloomberg School of Public Health. He earned a medical degree from the Freie Universität Berlin, Germany, a doctorate from the Universität Heidelberg, Germany, a Master of Science from the University of Oxford, United Kingdom, and a Master of Public Health from the Johns Hopkins School of Hygiene and Public Health.

Contact us

For additional information, please contact
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The Center for Performance Measurement is a program of IPRO, a national, not-for-profit healthcare organization that works with government agencies, providers and consumers to implement innovative programs that bring policy ideas to life. IPRO does this by making creative use of clinical expertise, emerging technology, data solutions, and diverse marketplace experience to make the healthcare system work better. Incorporated in 1983, IPRO is one of the nation's largest and most experienced healthcare quality improvement organizations.