Toward Meaningful Children’s Measures
The Pediatric Quality Measures Program
Jeffrey H. Silber, MD, PhD
The Nancy Abramson Wolfson Professor of Health Services Research and Director, Center for Outcomes Research, *The Children’s Hospital of Philadelphia*

Professor of Pediatrics and Anesthesiology & Critical Care
*University of Pennsylvania Perelman School of Medicine*

Professor of Health Care Management
*The Wharton School*

• Principal Investigator of the AHRQ-funded Pediatric Quality Measurement Program Center of Excellence at The Children’s Hospital of Philadelphia
Jeffrey H. Silber, MD, PhD

- Internationally known authority on outcomes measurement and severity adjustment for both adult and pediatric applications
- Created the quality of care measure Failure-to-Rescue (FTR) in 1992 that has been adopted as three specific quality measures by the National Quality Forum (NQF) and adapted to examine pediatric cardiac surgery quality
- Twice won the Article-of-the-Year Award from AcademyHealth
Rita Mangione-Smith, MD, MPH
Professor and Chief, Division of General Pediatrics
University of Washington Department of Pediatrics
Senior Investigator, Center for Child Health, Behavior and Development
Seattle Children’s Research Institute
Adjunct Professor of Health Services
University of Washington, School of Public Health

• Principal Investigator for the AHRQ-CMS funded Center of Excellence on Quality of Care Measures for Children with Complex Needs
Rita Mangione-Smith, MD, MPH

• Principal Investigator on two multi-site studies focused on developing and testing quality measures for pediatric inpatient respiratory illness (NHLBI)

• Served as the co-Chair for the AHRQ National Advisory Council Subcommittee on Children’s Healthcare Quality Measures for Medicaid and CHIP Programs
Mark A. Schuster, MD, PhD
Chief of General Pediatrics and Vice Chair for Health Policy
Department of Medicine, Boston Children’s Hospital
William Berenberg Professor of Pediatrics
Harvard Medical School

• Principal Investigator of the AHRQ/CMS-funded Center of Excellence for Pediatric Quality Measurement. The Center has developed such measures as Child HCAHPS and a Pediatric All-Condition Readmission Measure
Mark Schuster, MD, PhD

- Conducts research on child, adolescent, and family issues
- Elected member of the Institute of Medicine
- Currently serving as the President of the Academic Pediatric Association.
- Recipient of the Richardson Award for lifetime achievement for the Society of Pediatric Research
CHIPRA Measurement and Improvement Activities

• Together AHRQ and CMS are implementing selected provisions of the legislation
  – Identification of the Initial Core Set of Children’s Health Quality Measures
  – Improving the Initial Core Set
  – National Evaluation of the CHIPRA Quality Demonstration
  – Children’s EHR Format
  – Institute of Medicine Report
  – Formation of the Pediatric Quality Measures Program
CHIPRA and PQMP

- The Pediatric Quality Measures Program (PQMP) is intended to:
  1. Improve and strengthen the initial core set of children's health care quality measures.
  2. Expand on existing and advance the development of pediatric quality measures used by public and private health care purchasers.
  3. Increase the portfolio of evidence-based, consensus-based pediatric quality measures available to public and private purchasers of children's health care services, providers, and consumers.
The Pediatric Quality Measures Program

- Seven CHIPRA Pediatric Quality Measures Program Centers of Excellence (CoE)
- Two CHIPRA quality demonstration project grantees
  - Includes new quality measure development
## 7 Hubs for Quality

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<tr>
<th>Center of Excellence</th>
<th>Example measure topics</th>
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<tr>
<td>University of Michigan</td>
<td>• Sickle cell disease&lt;br&gt;• Septicemia&lt;br&gt;• Imaging&lt;br&gt;• Respiratory conditions&lt;br&gt;• Availability of services</td>
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<tr>
<td>Mount Sinai School of Medicine</td>
<td>• Mental health medication reconciliation&lt;br&gt;• Asthma ED visits&lt;br&gt;• Availability of high-risk OB services</td>
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<td>Seattle Children’s Hospital</td>
<td>• Care coordination for children with medical complexity&lt;br&gt;• Care coordination for children with social complexity&lt;br&gt;• Hospital-to-home and ED-to-home transitions&lt;br&gt;• Mental health care in ED and inpatient settings</td>
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<td>Center of Excellence</td>
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<tr>
<td>American Academy of Pediatrics and Medical College of Wisconsin</td>
<td>• Continuum of care&lt;br&gt;• Prenatal care&lt;br&gt;• Dental treatment&lt;br&gt;• PICU&lt;br&gt;• Follow up care for ADHD</td>
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<tr>
<td>PI – Ramesh Sachdeva, M.D., Ph.D., J.D.</td>
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<tr>
<td>National Committee for Quality Improvement</td>
<td>• Depression&lt;br&gt;• Alcohol and substance use&lt;br&gt;• Content of well-child visits</td>
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<tr>
<td>PI – Sarah Scholle, Dr.P.H., MPH</td>
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<tr>
<td>Boston Children’s Hospital</td>
<td>• Child HCAHPS&lt;br&gt;• Readmissions&lt;br&gt;• Patient safety&lt;br&gt;• Transition to adult care&lt;br&gt;• Identification of children with disabilities</td>
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<tr>
<td>PI – Mark A. Schuster, M.D., Ph.D.</td>
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<tr>
<td>The Children’s Hospital of Philadelphia</td>
<td>• Disparities&lt;br&gt;• Person-reported outcomes&lt;br&gt;• NICU Quality&lt;br&gt;• Duration of enrollment/Coverage&lt;br&gt;• Multivariate Matching Methods</td>
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<tr>
<td>PI – Jeffrey H. Silber, M.D., Ph.D.</td>
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<td>Director – Christopher B. Forrest, M.D., Ph.D.</td>
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