New York State Initiatives in Quality Measurement using the UAS-NY
Office of Quality and Patient Safety
Mission of the Office

• Formed in 2012 by former Commissioner Shah
• Core mission of OQPS is to improve health, quality of care, and patient safety of New York State residents, consistent with:
  • DOH Strategic Plan
  • Medicaid Redesign Team
  • State Health Innovation Plan (SHIP)
• Office Structure of OQPS includes:
  • Division of Informatics and Statistics
    • SPARCS
    • Vital Statistics
  • Division of Quality Measurement
    • Bureau of Quality Measurement & Evaluation
    • Bureau of Quality Measurement of Special Populations
  • Division of Performance Improvement and Patient Safety
    • Office Based Surgery
  • Division of Data Transformation
    • Statewide Health Information Network for NY (SHIN-NY)
    • Bureau of All Payer Database (APD) Development
  • Innovation Center (SIM Grant)
Overview of Data Sets within OQPS

• Vital Statistics
  • Birth
  • Death
• Statewide Planning and Research Cooperative System (SPARCS)
• Medicaid Data Mart
• Uniform Assessment System for NY (UAS-NY)
• Minimum Data Set (MDS) 3.0
• Outcomes and Assessment Information (OASIS)
• Quality Assurance Reporting Requirements (QARR/HEDIS)
• All Payer Database
• Satisfaction data
Overview of Quality of Care Initiatives

• Medicaid Managed Care (MMC) Quality Incentive
• Nursing Home Quality Initiative
• Managed Long-Term Care (MLTC) Quality Incentive
• Fully Integrated Dual Advantage (FIDA) Quality
• Delivery Service Reform Incentive Payment (DSRIP)
• Redesign of the Profile pages on the DOH website
• Quality Improvement projects/Performance Matrices
• Health Homes
Implementation of the UAS-NY for MLTC
Uniform Assessment System-NY

- In October 2013, NY transitioned from the Semi-Annual Assessment of members (SAAM) to the UAS-NY
  - MLTC population

- OQPS has been the lead on the quality performance measurement based on the UAS-NY for the MLTC program
  - Built off of experience with SAAM
  - Collaboration with interRAI
  - Working with the UAS-NY to inform trainings, systematic modifications
Conflict Free Evaluation (CFE)

- Began October 1, 2014
- Are conducted by an independent organization, Maximus
- To determine eligibility for MLTC
- Are valid for 60 days
Nursing Facility Level of Care (NFLOC) Reliability
Reliability Initiative

- CFE and MLTC assessment on the same person within 60 days were compared
  - Evaluated NFLOC, and the 11 components and 22 UAS-NY items that NFLOC is based on
  - Included MLTC assessment dates 10/1/14 – 5/30/15
- Inter-rater reliability was determined by the kappa statistic
- Strength of agreement defined (Sim and Wright, 2005)

<table>
<thead>
<tr>
<th>Agreement Strength</th>
<th>Kappa</th>
</tr>
</thead>
<tbody>
<tr>
<td>Poor</td>
<td>&lt;0</td>
</tr>
<tr>
<td>Slight</td>
<td>0.01 – 0.20</td>
</tr>
<tr>
<td>Fair</td>
<td>0.21 – 0.40</td>
</tr>
<tr>
<td>Moderate</td>
<td>0.41 – 0.60</td>
</tr>
<tr>
<td>Substantial</td>
<td>0.61 – 0.80</td>
</tr>
<tr>
<td>Almost Perfect</td>
<td>0.81 – 1.00</td>
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</tbody>
</table>

- Findings, 94% **substantial or moderate agreement** between CFE and MLTC assessments
# NFLOC Inter-Rater Reliability

<table>
<thead>
<tr>
<th>Time Between Assessments</th>
<th>Paired Assessments</th>
<th>Kappa Type</th>
<th>Kappa</th>
<th>95% Confidence Interval</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 – 60 days</td>
<td>100%</td>
<td>Weighted</td>
<td>0.77</td>
<td>0.764 – 0.785</td>
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<tr>
<td>0 – 14 days</td>
<td>66%</td>
<td>Weighted</td>
<td>0.77</td>
<td>0.759 – 0.786</td>
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<tr>
<td>0 – 21 days</td>
<td>79%</td>
<td>Weighted</td>
<td>0.77</td>
<td>0.761 – 0.785</td>
</tr>
<tr>
<td>22 – 60 days</td>
<td>21%</td>
<td>Weighted</td>
<td>0.78</td>
<td>0.756 – 0.802</td>
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</table>

<table>
<thead>
<tr>
<th>Agreement</th>
<th>Overall n=35</th>
<th>Component n=11</th>
<th>UAS-NY Item n=22</th>
</tr>
</thead>
<tbody>
<tr>
<td>Almost perfect</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
</tr>
<tr>
<td>Substantial</td>
<td>40%</td>
<td>36%</td>
<td>41%</td>
</tr>
<tr>
<td>Moderate</td>
<td>54%</td>
<td>64%</td>
<td>50%</td>
</tr>
<tr>
<td>Fair</td>
<td>6%</td>
<td>0%</td>
<td>9%</td>
</tr>
<tr>
<td>Slight</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
</tr>
<tr>
<td>Poor</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
</tr>
</tbody>
</table>
MLTC Measures
MLTC Quality Measures

- Plan Performance Examples—descriptive
  - Independence in Activities of Daily Living (ADLs),
  - Percent with intact cognitive functioning
  - Percent living alone
- Plan Performance Examples—prevalence
  - No shortness of breath
  - No severe daily pain
  - Pneumococcal/influenza vaccination
  - No falls requiring medical intervention
- Performance Over Time Examples
  - Stable or improved in Nursing Facility Level of Care score
  - Stable or improved in bathing
- Potentially Avoidable Hospitalizations
MLTC Satisfaction

- Access and Experience of Care
  - Biennial DOH-sponsored survey
  - Mail survey, conducted in four languages (English, Spanish, Russian, and Chinese)
  - Examples of measures
    - Rating of Health Plan
    - Involved in Decisions
    - Rating of Home Health Aide
Uses of the Measures
MLTC Publications

- Reports Page
  - Annual Report
  - Satisfaction Report
  - EQRO Reports
  - Statistical Briefs
MLTC Regional Consumer Guides

- Provides consumers with an easy to read, less technical overview by six regions of the state
- Preventive Care
- Quality of Life
- Stability or Improvement
- Satisfaction with Care
- Included in MLTC new enrollee packets
New York State’s Health Data NY

• Open Data Portal
  • Began in March, 2013
  • Agency-wide

• Health Data NY
  • Improve access to DOH data assets and help consumers to make informed health decisions
  • [https://health.data.ny.gov/](https://health.data.ny.gov/)
    • MLTC quality data
    • Health Facility Map
NYS Health Profile Pages

• Consumer-oriented portal
• Information about quality of care, inspections, and national and statewide comparisons
• Redesign of the NYS Health Profiles website
  • Hospital – released September 2014
  • Nursing Home – released in September 2015
  • Home Health agencies and Hospice programs – 1st release in September 2015; 2nd release in February 2016
  • Physicians – links to NYS Physicians Profile
  • Compare functionality – currently has basic functionality; planned redesigned starting June 2016
Questions???

Contact Information:
Raina.Josberger@health.ny.gov
(518) 486-9012