American Telemedicine Association
Transforming the American Healthcare Delivery System

Anthony Rodgers,
Deputy Director
Center for Strategic Planning
The CMS Vision of Health System Transformation
The Triple Aim Goals of CMS

• Better Care
  – Patient Safety
  – Quality
  – Patient Experience

• Reduce Per Capita Cost
  – Reduce unnecessary and unjustified medical cost
  – Reduce administrative cost thru process simplification

• Improve Population Health
  – Decrease health disparities
  – Improve chronic care management and outcome
  – Improve community health status
Better Care
Closing the Quality Chasm
CMS Specific Aims for Health System Improvement

- Safety
- Effectiveness
- Patient-centeredness
- Timeliness
- Efficiency
- Equity
A Strategic System Approach to Healthcare Delivery Transformation

Strategic HIT Focus Areas

- Cost Containment
- Quality Improvement
- Administrative Efficiency
- Population Health & Research

Strategic Performance Metrics

- Reduction of Duplication, Errors and improve care Cost Effectiveness
- Improved quality Performance and Evidence of coordinate care
- Meaningful use of EHR to Reduce Admin. Process Cycle Times
- Improve community & Population Health Mgmt.

Quality and Cost Performance Outcomes

- Reduced Unnecessary Cost/Utilization = Reduced PMPM & Lower % Admin Cost
- Improved Quality HEDIS & Patient Wellness Benchmarks
- Provider Satisfaction & Reduction in Admin. Cost
- Improve health status Reduction in Health Disparities

Meaningful USE Barrier

PERFORMANCE Management Barrier
Health Care Delivery System Transformation

Adoption of Health Information Technology

Infrastructure Barrier

Episodic/Uncoordinated

Enhancing Health System Performance Competencies

Clinical Care Knowledge Barrier

Accountable Care

Transformation Barrier

Integrated Care

Personalized Health Care Management
Health Care System Transformation Maturity

Initial Level of Health System Transformation Maturity

Episodic Non Integrated Care

- Episodic Health Care
  - Sick care focus
  - Uncoordinated care
  - High Use of Emergency Care
  - Multiple clinical records
  - Fragmentation of care
- Lack integrated care networks
- Lack quality & cost performance transparency
- Poorly Coordinate Chronic Care Management

Managed Performance Level of Health System Transformation Maturity

Accountable Care

- Transparent Cost and Quality Performance
  - Results oriented
  - Access and coverage
- Accountable Provider Networks Designed Around the patient
- Focus on care management and preventive care
  - Primary Care Medical Home
  - Utilization management
  - Medical Management

Optimize Care Level of Health System Transformation Maturity

Integrated Health

- Patient Care Centered
  - Patient centered Health Care
  - Productive and informed interactions between Family and Provider
  - Cost and Quality Transparency
  - Accessible Health Care Choices
  - Aligned Incentives for wellness
- Integrated networks with community resources wrap around
- Aligned reimbursement/cost Rapid deployment of best practices
- Patient and provider interaction
  - Aligned care management
  - E-health capable
  - E-Learning resources
Purpose and Mission
CMS Center for Innovation

• To test innovative payment and service delivery models to reduce program expenditures under the applicable titles.

• At the same time preserving or enhancing the quality of care.

• Preference shall be given to models that also improve coordination, quality and efficiency of health care services furnished.
Center for Innovation

• In evaluating service and delivery models consideration should be given to whether the model utilizes technology, such as electronic health records and patient-based remote monitoring to coordinate care overtime and across settings.

• Payment reform models, such as shared savings, global payment, and even capitation will change the economics for ACOs and integrated delivery systems to use telemedicine and other advanced electronic health information tools to coordinate care, at lower cost, and keep beneficiaries in their networks.
Return on Investment from HIT
Wide Spread Adoption of Electronic Health Information (EHI) Technologies for Better Outcomes, Lower Cost, Improve Population Health

Improving Health Care Quality, Cost Performance, Population Health

**ROI of EHI at Point of Care:**

- Improved Patient Safety
- Reduced Complications Rates
- Reduced Cost per Patient Episode of Care
- Enhanced cost & quality performance accountability
- Improved Quality Performance
- Improve Community Health Surveillance

Better Outcomes
Lower Costs
Population Health
We are looking for technologies that are engineered to:

- Support Patient/Person Centered Care Management
- Support early disease detection
- Facilitate better care coordination
- Support early treatment & intervention
- Facilitate better quality of care
- Help reduction in ER use and duplication of services
- Support better medication management
- Improve patient compliance
Opportunities for Advance Uses of Telemedicine and Remote Monitoring Technologies

We believe CMS new payment models, like shared savings, global rate payments, and partial capitation will drive delivery system models to use telemedicine and advance use of e-health technologies:

• Accountable Care Organizations
• Medical Homes
• Integrated Delivery Systems
• Multi-payer care delivery models
CMS Levers and Initiatives to Improve Care, Reduce Cost & Impact Population Health

• Levers and Initiatives
  – Create national visibility of the CMS Strategic Aims
  – Invest in specific initiatives on (“Top 10”) High-Yield Clinical Conditions and Care Settings (e.g., Surgery Safety, Chronic Care Conditions, Care of Frail Elderly, etc.)
  – 10th Scope of Work for QIO’s
  – Payment Reform and Incentives
  – Public Reporting, Registries, Public Access Databases
  – Graduate Medical Education funding and other Supplemental Funds
  – Provide or Sponsor Technical Assistance to collaborators
  – Leverage Innovation Center Service Model and Delivery System Initiatives
  – Public-Private Partnering on strategic aims
  – Data Supports - Registries, Public Access Databases, etc.
Timeline for Healthcare Delivery System Reform and Transformation 2011-2019

Successful Payment and Service Model Innovation

Program and Policy Redesign

Healthcare Delivery System Reform and Transformation

2010-2019

2012-2019

2013-2019
Questions?

Thank you!