

Promoting Health Information Technology

Linda Magno

Medicare Demonstrations Program Group

Office of Research, Development, and Information

Health Information Technology: The Vision

A comprehensive knowledge-based network of interoperable systems of clinical, public health, and personal health information that would improve decision making by making health information available when and where it is needed

Health Information Technology: The Goals

- Inform clinical practice
- Interconnect clinicians
- Personalize health care
- Improve population health

Health Information Technology Meets Pay for Performance

CMS goal is to pay for the improvements in quality and efficiency that can be achieved by the effective deployment and use of health information technology

Physician Group Practice Demonstration Overview

- Section 412 of BIPA 2000 (P.L. 106-554)
- Medicare FFS payments + performance payments
- Performance payments derived from practice efficiency & improved patient management (shared savings)
- Performance payments allocated
 - Financial Performance
 - Quality Performance
- Budget neutral

Physician Group Practice: Goals & Objectives

- Encourage coordination of Medicare Part A & Part B services
- Reward physicians for improving quality and outcomes
- Promote efficiency through investment in administrative structure and processes

Physician Group Practice: Process & Outcome Measures

- Congestive heart failure
- Coronary artery disease
- Diabetes mellitus
- Hypertension
- Cancer screening

Physician Group Practice: Process & Outcome Measures

Diabetes Mellitus	Congestive Heart Failure	Coronary Artery Disease	Hypertension & Cancer Screening
HbA1c Management	Left Ventricular Function Assessment	Antiplatelet Therapy	Blood Pressure Screening
HbA1c Control	Left Ventricular Ejection Fraction Testing	Drug Therapy for Lowering LDL Cholesterol	Blood Pressure Control
Blood Pressure Management	Weight Measurement	Beta-Blocker Therapy – Prior MI	Plan of Care
Lipid Measurement	Blood Pressure Screening	Blood Pressure	Breast Cancer Screening
LDL Cholesterol Level	Patient Education	Lipid Profile	Colorectal Cancer Screening
Urine Protein Testing	Beta-Blocker Therapy	LDL Cholesterol Level	
Eye Exam	Ace Inhibitor Therapy	Ace Inhibitor Therapy	
Foot Exam	Warfarin Therapy for Patients HF		
Influenza Vaccination	Influenza Vaccination		
Pneumonia Vaccination	Pneumonia Vaccination		

Physician Group Practice Models & Strategies

- Expansion of managed care infrastructure & processes to Medicare FFS population
- Care management
 - Disease management & case management strategies
- Increased access through nurse call lines, primary care physicians, geriatricians
- Enhanced patient monitoring through EMRs, disease registries
- Increase quality through evidence-based guidelines

Medicare Care Management Performance Demonstration

- Medicare Modernization Act (Sec. 649)
- Goals:
 - Improve quality and coordination of care for chronically ill Medicare FFS beneficiaries
 - Promote adoption and use of information technology by small to medium-sized physician practices
- Budget neutral

Medicare Care Management Performance Demonstration

- ~ 800 practices participating in DOQ-IT project in four states
 - Arkansas
 - California
 - Massachusetts
 - Utah
- Technical assistance to physician practices by quality improvement organizations

Medicare Care Management Performance Demonstration

- Pay for performance for physicians who:
 - Achieve quality benchmarks for chronically ill Medicare beneficiaries
 - Adopt and implement practice standards to promote care management and coordination

Physician Practice Standards

- Patient assessment
- Health care information system
- Continuity of care
- Evidence-based guidelines
- Self-care support
- Community referrals

Quality & Outcome Measures: Examples

- Diabetes mellitus – HgA1c, blood pressure, lipids
- Congestive heart failure – left ventricular function, ACE inhibitor, beta blocker
- Coronary artery disease – LDL cholesterol, antiplatelet therapy
- Prevention – mammogram, flu vaccine, pneumonia vaccine

Medicare Health Care Quality Demonstration

- Medicare Modernization Act of 2003 (Sec. 646)
- Delivery/payment models incorporating incentives to improve quality, safety, efficiency
 - Decision support (evidence-based guidelines, best practices, shared decision-making) to eliminate scientific uncertainty and unwarranted variation in practice
 - Cultural competence

Medicare Health Care Quality Demonstration

- Opportunity to “hardwire” quality into delivery system – facilitate doing the right thing for every patient at every time
- Improvements along IOM’s six dimensions of quality: safety, effectiveness, efficiency, timeliness, patient-centeredness, equity
- Integration of health information technology into clinical practice

Medicare Health Care Quality Demonstration

- Provider-driven redesign: Eligible organizations
 - Physician groups
 - Integrated delivery systems (IDS's)
 - Regional coalitions of physician groups or IDS's – can include other payers
- Broad waiver authority – align incentives, link payment to outcomes

Medicare Health Care Quality Demonstration

- Payment models
 - Shared Savings
 - Capitation or Partial Capitation
 - Per Member Per Month Fee
 - Restructured Fee-for-Service Payments
 - Regional Global Budget
 - Other?

www.cms.hhs.gov/researchers/demos

The screenshot shows a Microsoft Internet Explorer browser window displaying the CMS Research and Demonstrations page. The address bar shows the URL <http://cms.hhs.gov/healthplans/research/>. The page header includes the CMS logo, navigation links for Consumers, Professionals, and Public Affairs, and a search bar. The main content area is titled "CMS RESEARCH AND DEMONSTRATIONS: PROJECT DESCRIPTIONS AND FACT SHEETS" and lists several demonstration projects. The left sidebar contains links for Programs (Medicare, Medicaid, SCHIP, HIPAA, CLIA) and Topics (Coverage, Laws & Regulations, State, Waivers). The bottom of the browser window shows the Windows taskbar with the Start button and several open applications.

Centers for Medicare & Medicaid Services

Programs

- [Medicare](#)
- [Medicaid](#)
- [SCHIP](#)
- [HIPAA](#)
- [CLIA](#)

Topics

- [Coverage](#)
- [Laws & Regulations](#)
- [State](#)
- [Waivers](#)

Initiatives

- [Advisory Committees](#)

CMS RESEARCH AND DEMONSTRATIONS:
PROJECT DESCRIPTIONS AND FACT SHEETS

- [Capitated Disease Management Demonstration](#)
- [Physician Group Practice Demonstration](#)
- [Calculation of Charge-Based Relative Values for Part B Laboratory Procedures](#)
- [Medicare Preferred Provider Organization Demonstration](#)
- [Demonstration Project for Disease Management](#)
- [Medicare Partnerships for Quality Services Demonstration](#)
- [Medicare Coordinated Care Demonstration](#)
- [DME Competitive Bidding Demonstration](#)
- [Evaluation of the Program of All-Inclusive Care for the Elderly Demonstration \(PDF Format, 199 KB\)](#)