Improving Population Health

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Becoming Accountable

**TODAY**

- Fee for Service
- Fragmented Care

**THE FUTURE**

- Episode & Global Payment
- Accountable Care Organizations

**PAYMENT SYSTEM REFORM**

**DELIVERY SYSTEM REFORM**
Crossing the Quality Chasm…

Evidence → Benefits

… Requires Redesigning Health Care Processes
Critical Steps to Redesigning

1. Prioritize
2. Standardize
3. Create and Use Data
4. Implement, Measure, Collaborate
Prioritizing for performance improvement

- Where is there evidence for beneficial intervention?
- What conditions affect significant numbers of people?
- What conditions have significant impact?
- Where are the gaps?
- Where is there organizational interest?
- Where is there public interest?
Improving Cardiovascular Outcomes: Drivers

**GOAL**

**KEY DRIVERS**

**INITIATIVES**

- CV Risk Reduction: smoking, activity, healthy eating and physical activity
  - Exercise as Vital Sign
- BP Control
  - LDL Control

**IMPROVING CV OUTCOMES**

- Prevention
- Acute Care

**Multidisciplinary Care Teams**

- Core Measures for MI, Stroke
  - Statins from day 1
  - Cardiac rehabilitation
Model for Exceptional Reliability in a Learning Organization

1. Frontline Engagement
2. Scripted Processes
3. Reliable Execution
4. Organizational Learning
5. Scientific Change Process
6. Clear Communication

Source: T Clemmer LDS Hospital
Data Finds “Bright Spots”

Distribution of Provider HTN Control Rates at one Medical Center
System Redesign for Hypertension Control

- Evidence Based Guideline development
- HTN Registry creation
- Performance measures published
- Successful practice dissemination
  - Test, treat, retest (escalate therapy)
  - Fixed Dose Combination therapy
  - Non-physician BP visit
  - PharmD for initiation and escalation
Roles of DATA in Driving Change

- **Discover**  
  *(Reason to go)*

- **Assess opportunity**  
  *(Direction to take)*

- **Tell the story**  
  *(Fuel)*

- **Assess progress**  
  *(Compass)*
Hypertension Control Rate
KPNC, 1958 to 2012

1958
Thiazides available

1977
1st JNC Report

1995
1st KP Guideline

2001, 1st Data Collection
35.7%

2012
87%

Data that Drives
Importance of Data
IHI Collaborative Model

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4. Implement, Measure, Collaborate

Prework

Expert Meeting

Develop Playbook

Planning Group

Email distribution, newsletters
Collaborative Calls
Medical Center Visits
Monthly Team Reports/Data

LS – Learning Session
AP – Action Period

LS 1
LS 2
LS 3
AP1
AP2
AP3*
Playbooks Expedite Spread

Early Goal Directed Therapy
Playbook
NCAL Sepsis Summit
November 12, 2008

- Aim
- Standardized Processes
- Compelling Story, presentations
- Implementation Tools
- Assembling your team - optimal membership
- Checklists, sample agendas
- Training materials for MDs and staff
- Implementation timelines and measures
- Implementation, process and outcome measurement strategy
Data Confirms Impact of Improvements

Since Year 2000:
- 30.4% reduction in mortality from CVD
- 42.2% reduction in mortality from stroke
- Heart Disease + Stroke mortality dropped below cancer mortality