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& Southern Ohio Chapter

# Shifting to Fee for Value: The Information Mandate

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CSOHIMSS 2013 Spring Conference May 17, 2013

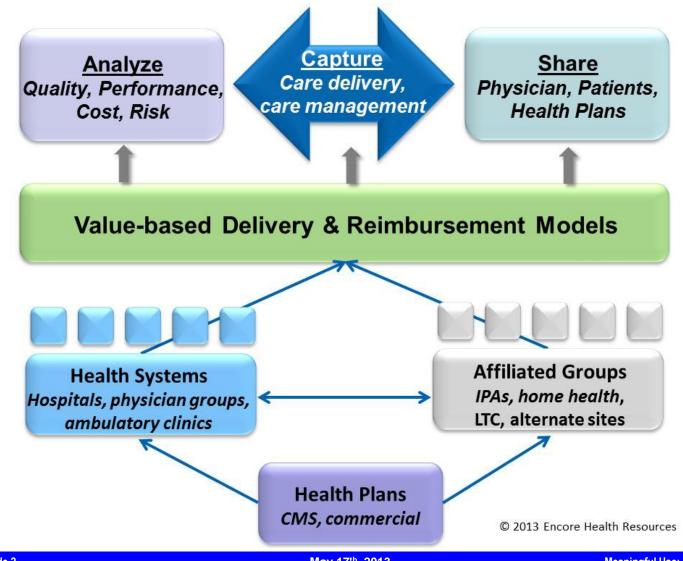
### **Discussion Topics**



What is the "information mandate" and why do it?

- How does it work?
- What will it take to be successful?
- Case study the journey of one organization

# New Models Require New Capabilities



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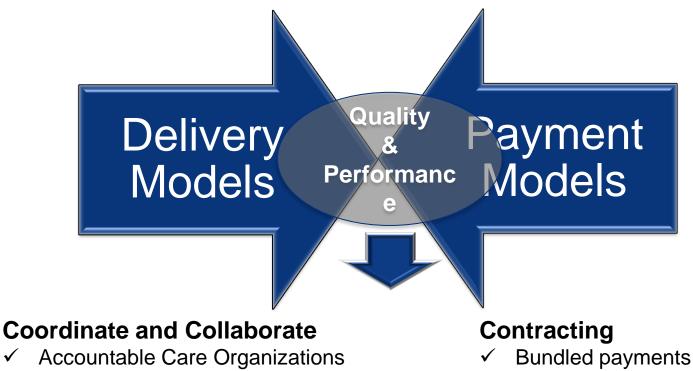
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# Hardwiring Performance to Payment

**Clinically Integrated Networks** 

Patient Centered Medical Home

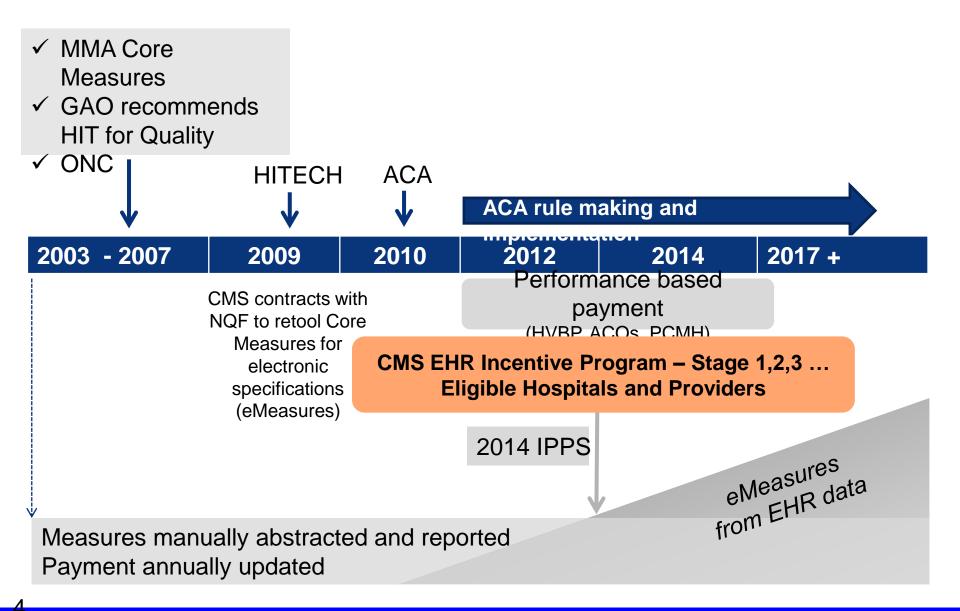




- ✓ Shared Savings
  - ✓ Readmission penalties
  - ✓ Incentive based payments

 $\checkmark$ 

#### **Transforming How Quality and Performance Will be Measured**

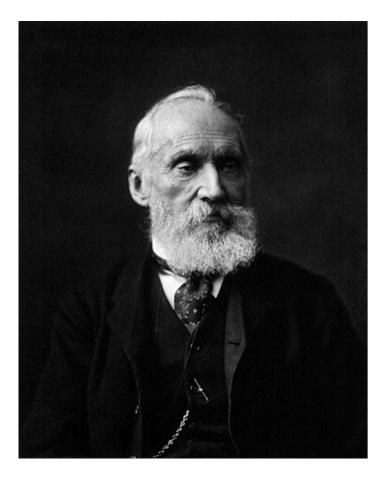


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### Measuring





"If you can't measure it, you can't improve it"

Lord Kelvin (Sir William Thomson)

#### Federal (and Commercial) Contracts are Driving Requirements



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http://www.ofr.gov/OFRUpload/OFRData/2013-10234\_PI.pdf

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#### eMeasures: Based on Evidencebased Guidelines and Programs



## Get with the Guidelines: Stroke





### **Measure Process Performance**



- Percent of acute ischemic stroke patients who arrive at the ED at the hospital within 120 minutes (two hours) of onset of stroke symptoms who receive IV t-PA within 180 minutes (three hours) of onset of stroke symptoms
- Percent of ischemic stroke or TIA patients who receive antithrombotic medication within 48 hours of hospitalization
- Percent of ischemic stroke or TIA patients discharged on antithrombotics (e.g., warfarin, aspirin, other antiplatelet drug)
- Percent of ischemic stroke or TIA patients with atrial fibrillation who are discharged on anticoagulation therapy (warfarin/Coumadin or heparin/heparinoids) unless an absolute or relative contraindication exist
- Percent of patients at risk for DVT who received DVT prophylaxis by the second hospital day
- Percent of ischemic stroke or TIA patients with LDL > or = 100 mg/dL OR on cholesterol reducer prior to admission who are discharged on cholesterol-reducing drugs
- Percent of smokers who receive smoking cessation advice or medication (e.g., Nicoderm or Zyban) at discharge

# eMeasures & Analytics Start in the EHR: Getting the Data Right





### NUMERATOR

#### 1011100011

All ischemic stroke patients prescribed anti-thrombotic therapy at hospital discharge.

All ischemic stroke patients excluding (age < 18, LOS > 120 days, transfer patients, expired patients, patients in clinical trials, elective patients, patients with comfort measures).

1001110011

DENOMINATOR

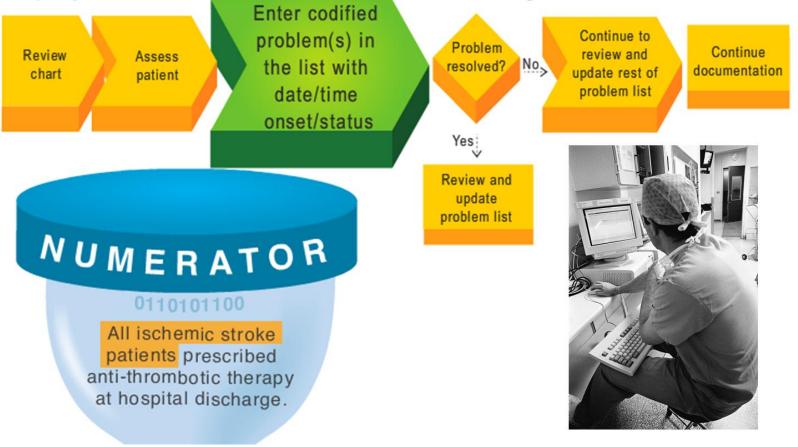
# Build for computerization using standards set by the NQF and CMS

- Definition of ischemic stroke value set (61 SNOMED CT codes)
- Definition of medication value set (105 RX Norm codes)
- Exclusion criteria require:
  - 21 Elements
  - 19 Code tables (SNOMED, NUBC, RxNorm)
  - 281 Individual codes

#### Workflows & Data Needs are Interdependent

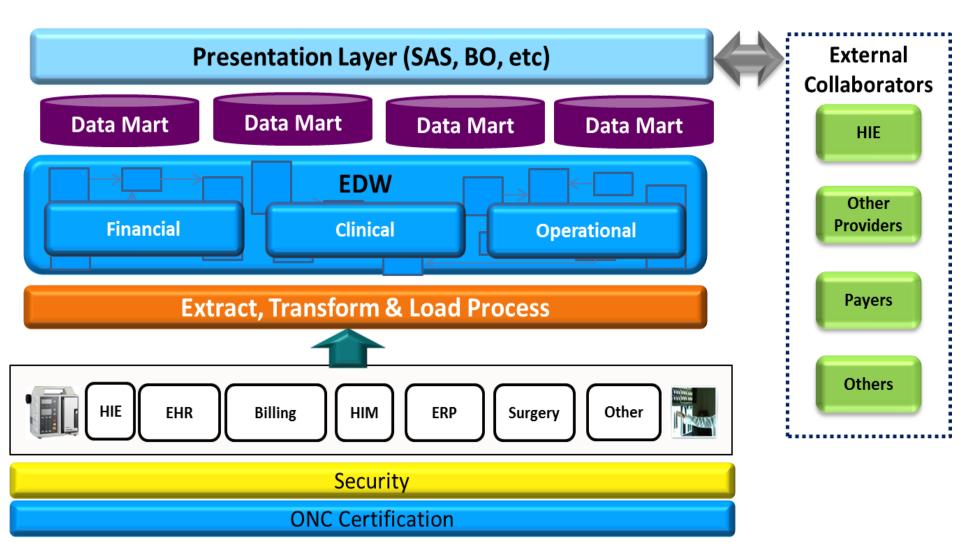


# Identifying Stroke 2 patients impacts physician workflow before discharge...



### **Technology & Tools**





### **Knowledge & Insights**



Community Medical Grou		<u> </u>											
	Cardiovascular	Rate											
Currently viewing:	Annual Monitoring for Patients on Persistent Medications-ACEI/ARB, Digoxin, Diuretics **	-											
	Cholesterol Management-LDL Screening	-											
Seaside Clinic	Cholesterol Management-LDL Control <100	-											
	HF: LVEF Assessment (Outpatient setting)	-											
	HF: Symptom and Activity Assessment	-											
iew	HF: Beta-blocker Therapy for LVSD **	-											
stem	HF: ACE Inhibitor or ARB Therapy for LVSD **	-											
nic	HF: Congestive Heart Failure Admission Rate	-											
ysician	HF: Post-discharge Appointments for HF Patients	-											
	HF: Hospital 30-day, all-cause, risk-standardized readmission rate following heart failure hosp.	-											
easure Domains	Diabetes	Rate											
	HbA1c Testing **	-											
nical	HbA1Cc Poor Control >9.0% **	-											
aningful Use of Health IT	HbA1c Control <8.0% **	-											
tient Experience	HbA1c Control <7.0% **	-	Overview	1	Meaningful U	se-EH	Meaning	ful Use - EP	Interna	al Measureme Analysis	ent &	Clinical Analyti Care Coordina	
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her Measures	LDL Control <100 **	-											
	Nephropathy Monitoring	-	Demo	_									
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# ... to improve performance and quality

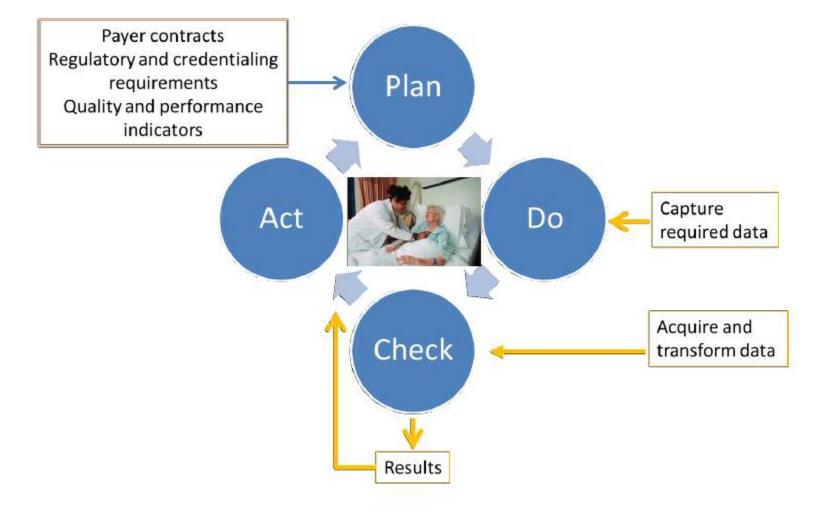
Preventive Measures Education Recommended Care Smoking cessation

Weight instruction

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May 17th, 2013

#### Information-based Performance Improvement...



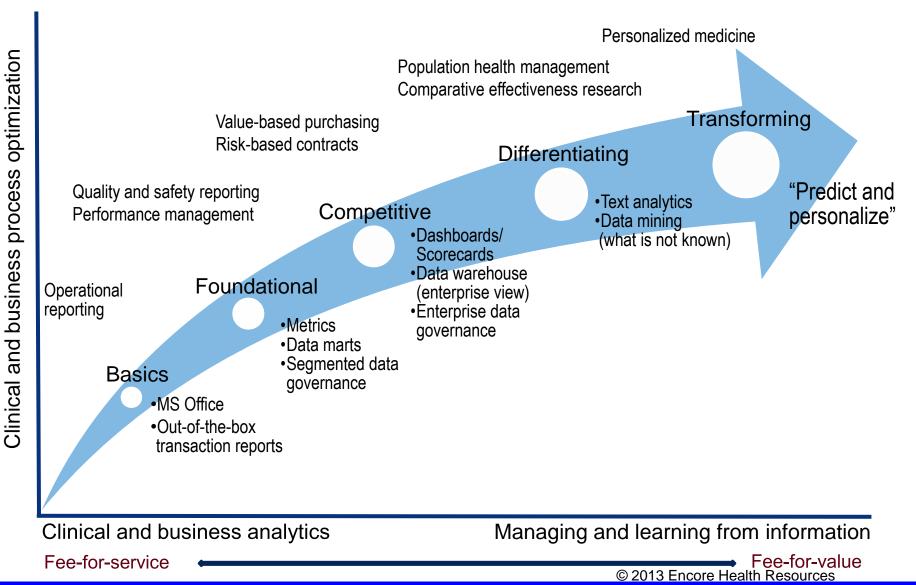
HUMSS Central & Southern Ohio Chapter IHA

#### ...Leads to ...



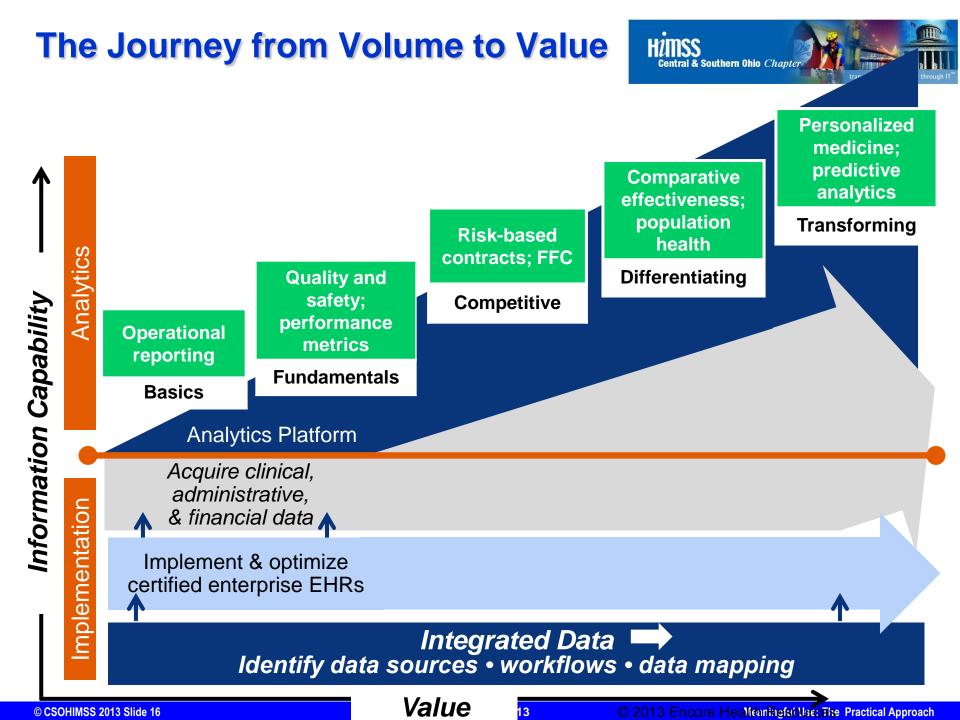


### Health Analytics Maturity Model

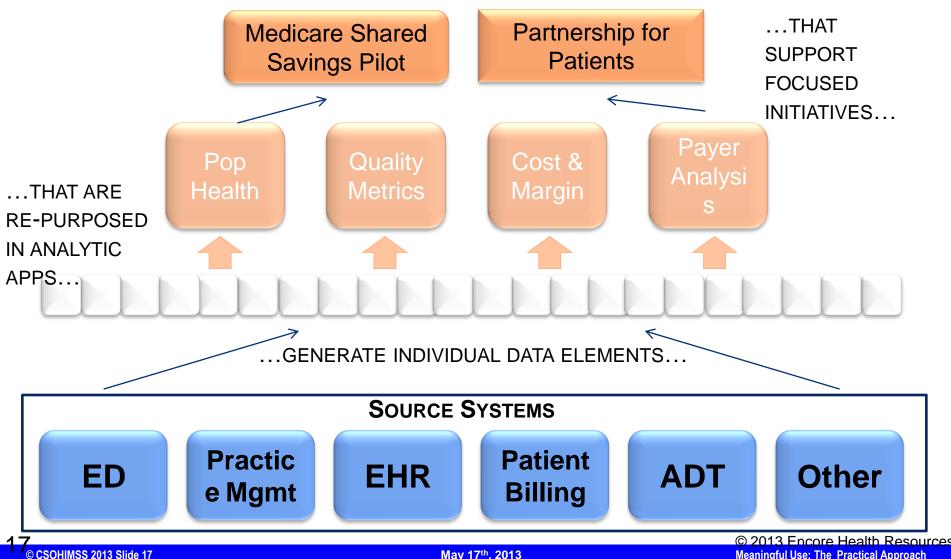


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#### **Anatomy of a Data Element – From** Source to Re-purpose



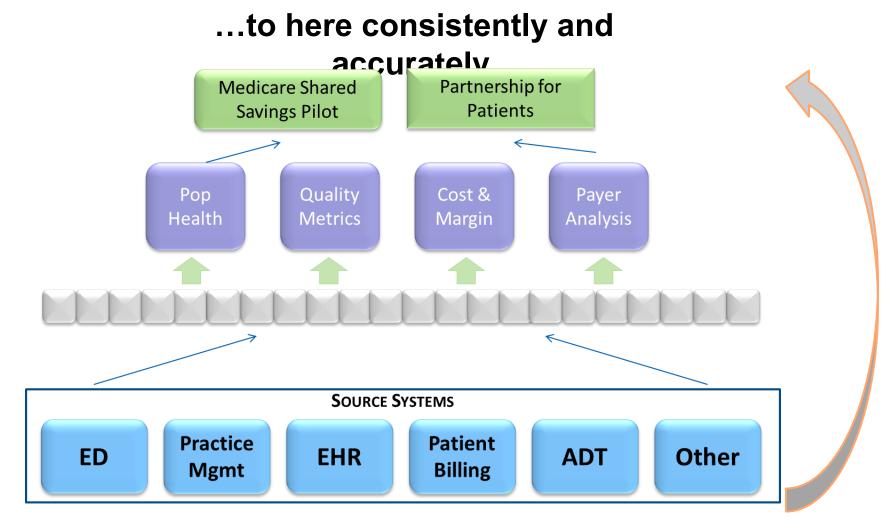
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Meaningful Use: The Practical Approach







#### Data governance makes sure data gets from May 17<sup>th</sup>, 2013 Slide 18

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Reading Contraction Pleading Approximates

# Multi-dimensional Assessment and Plan

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#### **Dimensions**

#### 1) Organizational Alignment

- Enterprise-level strategy
- Alignment of Business / IT strategic goals

#### 2) Information Culture

#### 3) Clinical Integration

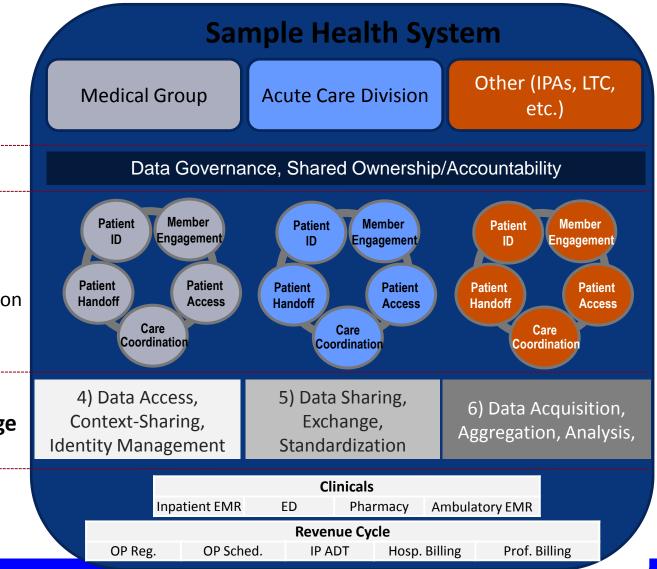
- Enterprise-level workflow optimization
- Cross-continuum care coordination
- External community linkages
- Patient-Centric Care

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#### 4) Front-End Integration

5) Health Information Exchange 6) BI / Analytics

#### 7) Core Systems Environment







# A CASE STUDY

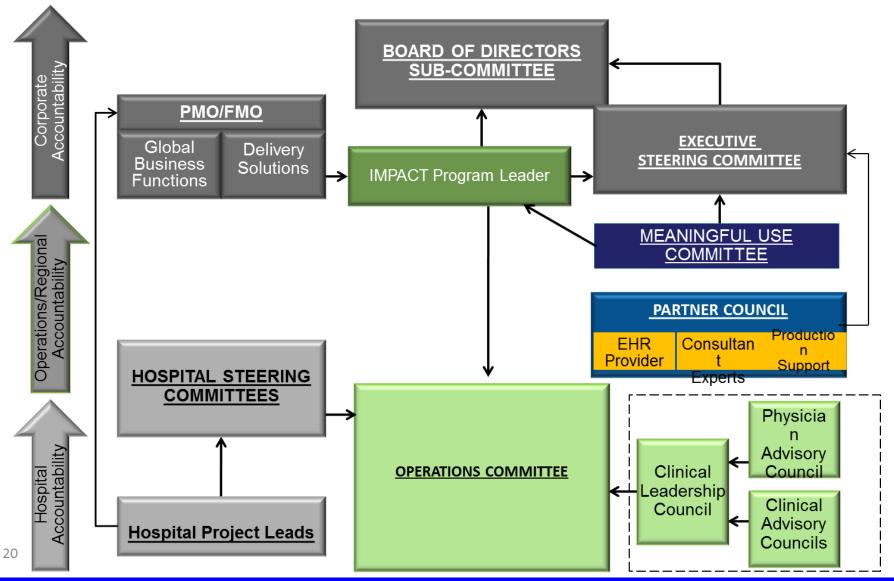




Meaningful Use: The Practical Approach







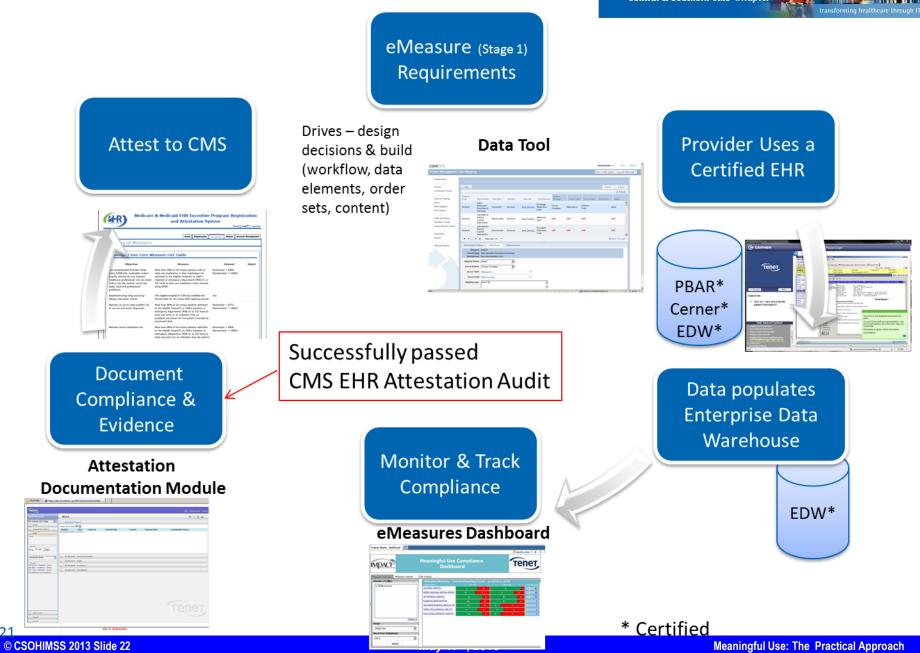
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May 17<sup>th</sup>, 2013

Meaningful Use: The Practical Approach

### **Based on an eMeasure foundation**

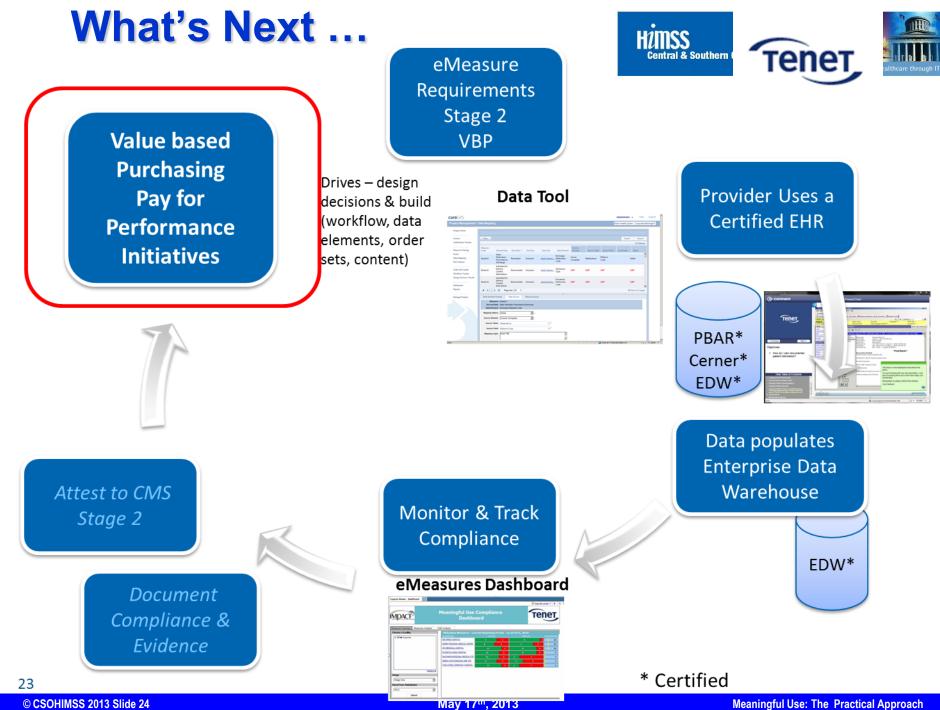
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#### Driving performance improvement: A Meaningful Use Dashboard

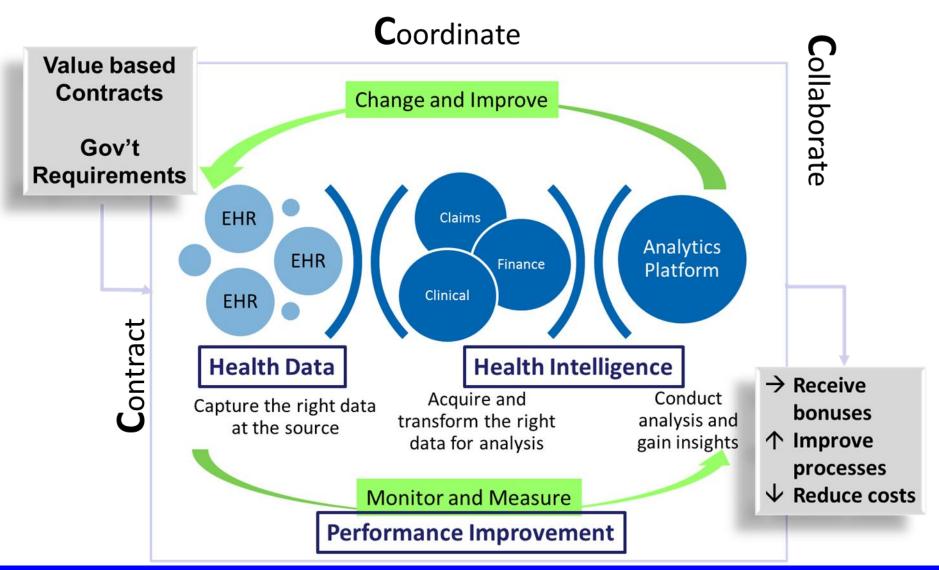


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	JFK MEMORIAL HOSPITAL	11	3	8	2 35						
	PLACENTIA LINDA HOSPITAL	10	4	8	2 5						
	SAN RAMON REGIONAL MEDICAL CTR	10	4	3 7	5						
	SIERRA VISTA REGIONAL MED CTR	9	5	4 6	5						
	TWIN CITIES COMMUNITY HOSPITAL	11	3	3 7	5						
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CSOHIMSS 2013 Slide 23			way 17", 2013		Wea	aningrui Use: The Practical Approach					



### **The New Fundamentals**





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Meaningful Use: The Practical Approach



#### **References**:

White Paper: A World Evolving Toward Value Video: eMeasures

http://www.encorehealthresources.com/

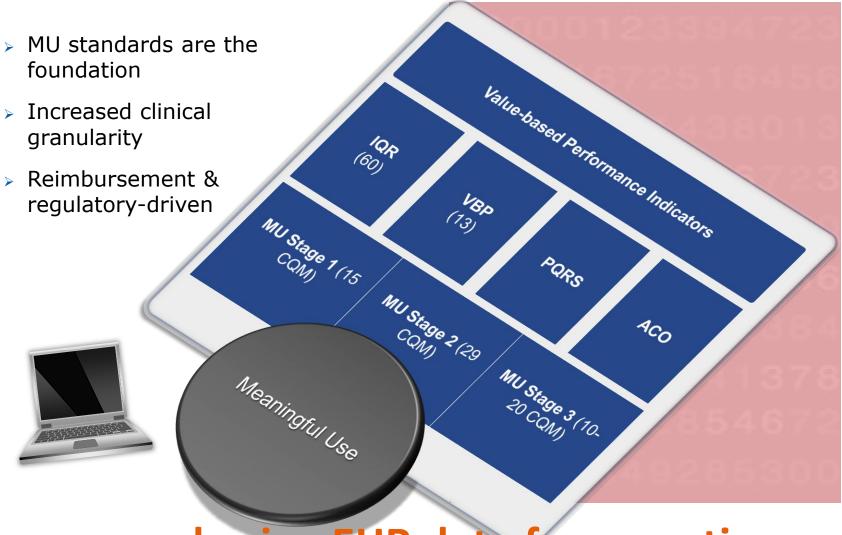


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beckert@encorehealthresources.com

# MU is the foundation for clinical eMeasures ...





# ... and using EHR data for reporting

### Agenda

