From Cost Transparency to Clinical Transformation:

Data Aggregation, Actionable Insights and Clinical Efficacy

Dr. S. Nicholas Desai Chief Medical Information Officer

Methodist

LEADING MEDICINE

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The Leadership Institute | October 16th, 2019

Overview



- Healthcare Market Context
- IllumiCare Smart Ribbon
 - Overview/Objectives
 - Pilot/Systemwide Launch
 - Outcomes
- Lessons Learned
- Journey Forward

Healthcare Market Context

National Impact, Global Reach





Healthcare Market Context

National Impact, Global Reach



Global Spending

 Projected to reach \$10.059 trillion by 2022





Digital Innovation

- Supports/augments clinicians
- Returns focus to value-added, patient-facing activities

Care Delivery Models

 Continued shift from fragmented, fee-for-service (volume) to comprehensive and coordinated (value)





Changing Consumers

 Seeking coordinated, convenient, customized and accessible solutions

Financial Disruptors

- Technologic advances
- Personalized medicine
- Disruptive competitors
- Market expansion





Clinician Burnout

- Addressing well-being
- Redesigning work

Moving the Needle

Restoring Clinical Efficiency





Moving the Needle

Restoring Clinical Efficiency



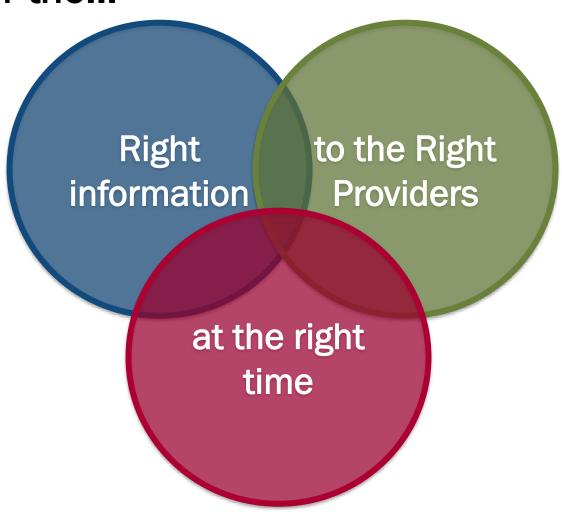


Shed Light on What Matters

IllumiCare Smart Ribbon



Deliver the...



Shed Light on What Matters

IllumiCare Smart Ribbon





Solution Overview



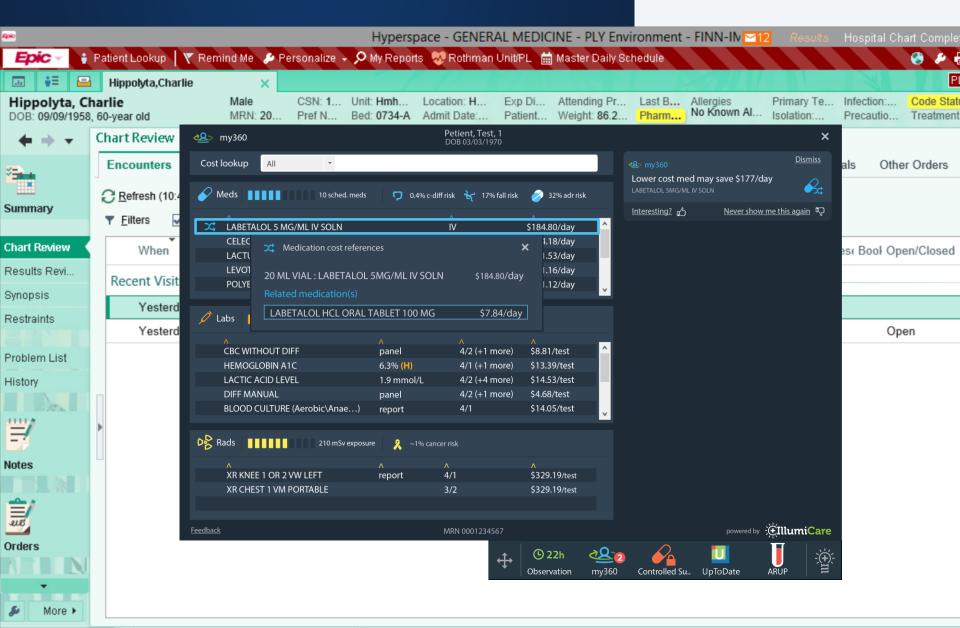


Unobtrusive, automatically hovers over Epic

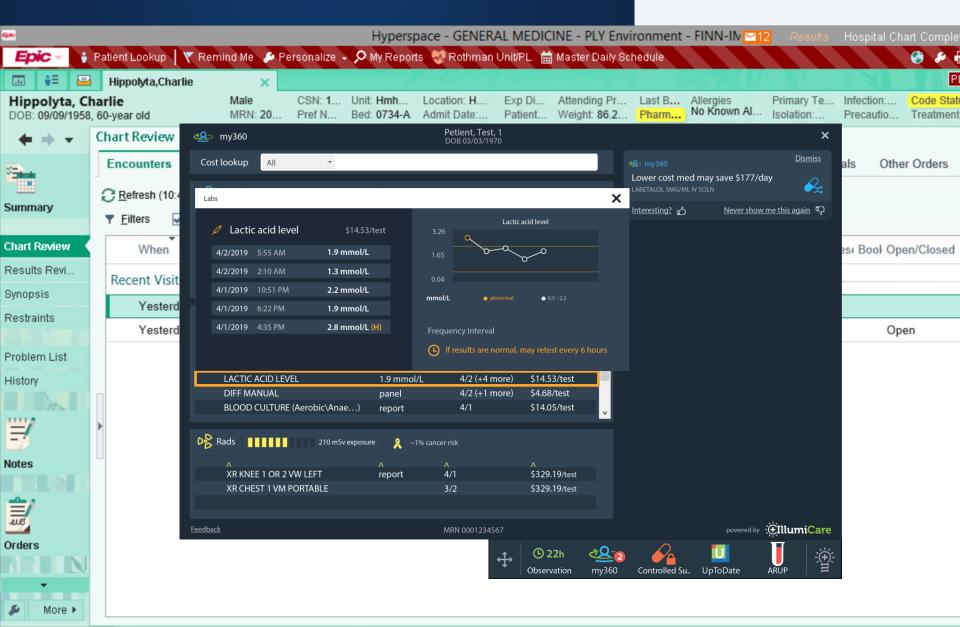
- Provides real-time, patient-specific cost, result and risk data at point of care for:
 - Medications
 - Labs
 - Radiology

- Also provides quick access to:
 - Observational status
 - NarxCare report
 - UpToDate CME tracking
 - VigiLanz activations (pharmacy)

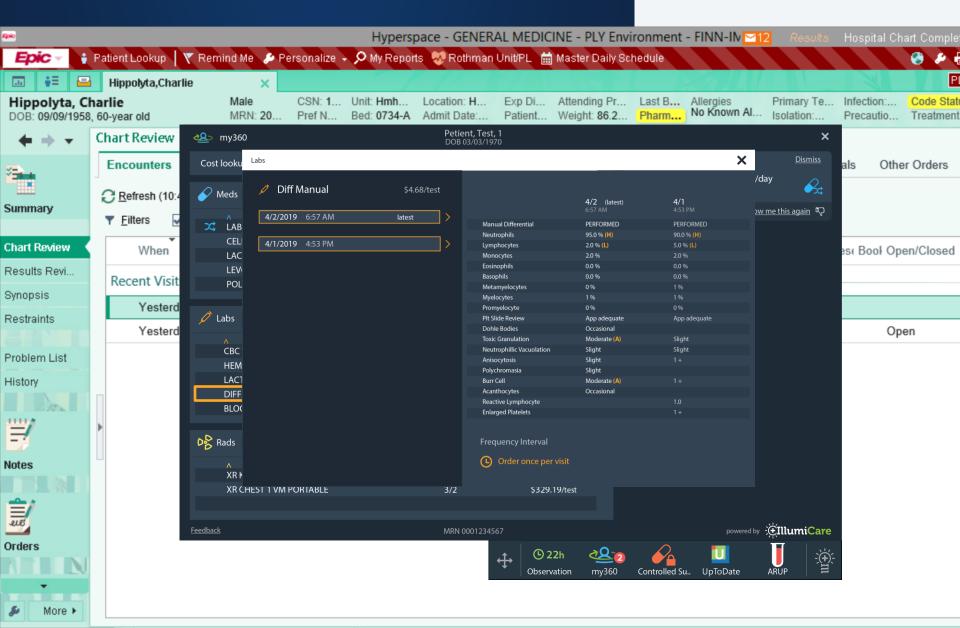




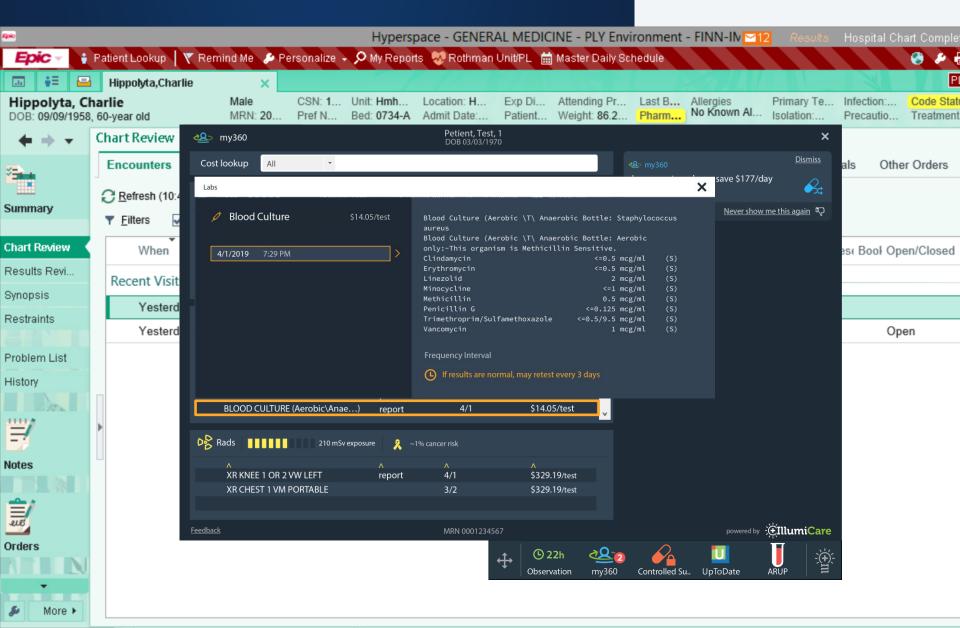








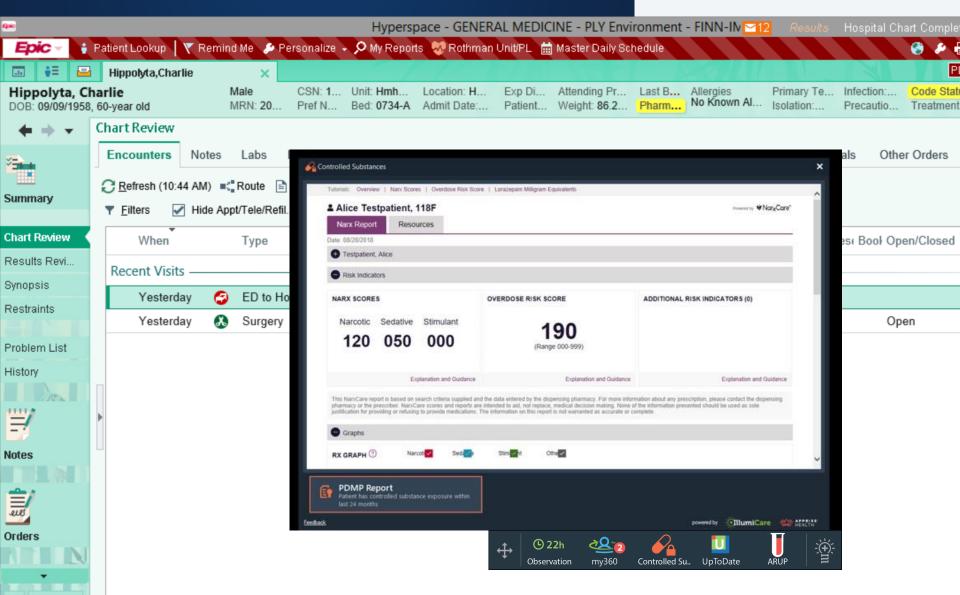




Solution Overview

More ▶

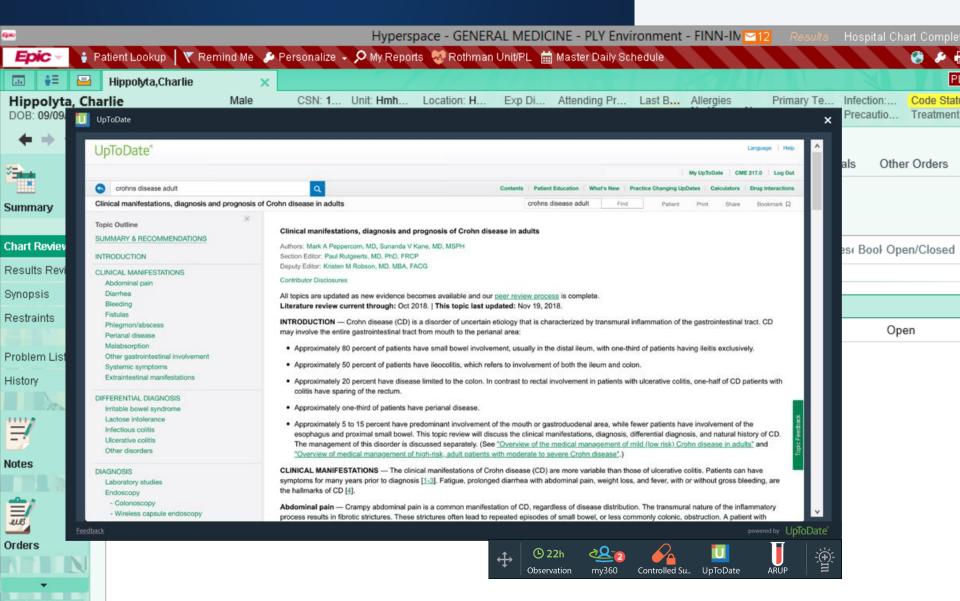




Solution Overview

More ▶





Pilot Overview



Houston Methodist Sugar Land Pilot

Show Me the Data:

Does presenting cost/risk data at point of care impact ordering behavior and reduce cost?

72% of physicians consider cost data valuable yet only 28% of them receive it



90-Day Pilot

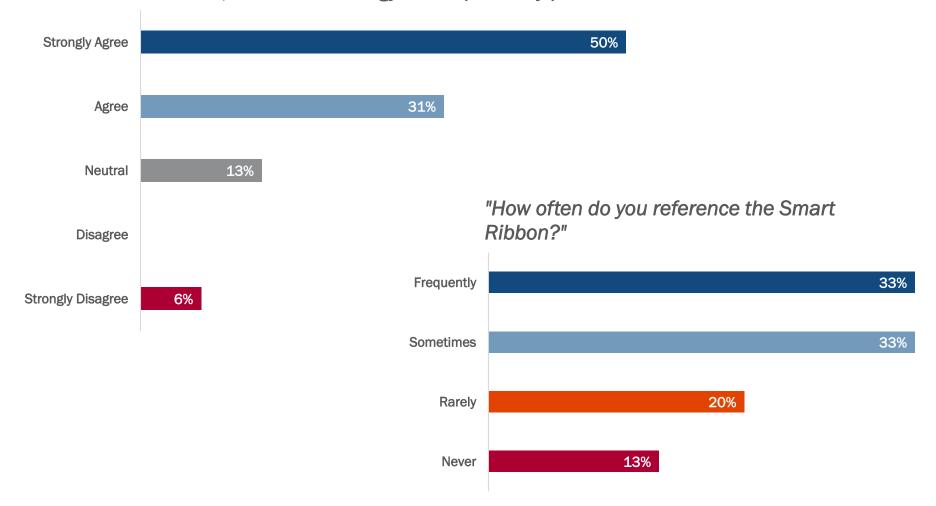
- 145 Providers
- 38 Pharmacists

https://www2.deloitte.com/insights/us/en/industry/health-care/volume-to-value-based-care.html

HMSL Pilot Survey



"Costs are an important consideration in the value and quality of care I provide to patients, and knowing the actual cost/risk of medications, labs and radiology can improve my practice."



HMSL Pilot Feedback



Empowerment

Finally, something that makes sense!

Now I can see and understand the data

I can be a proactive steward of care

Efficiency

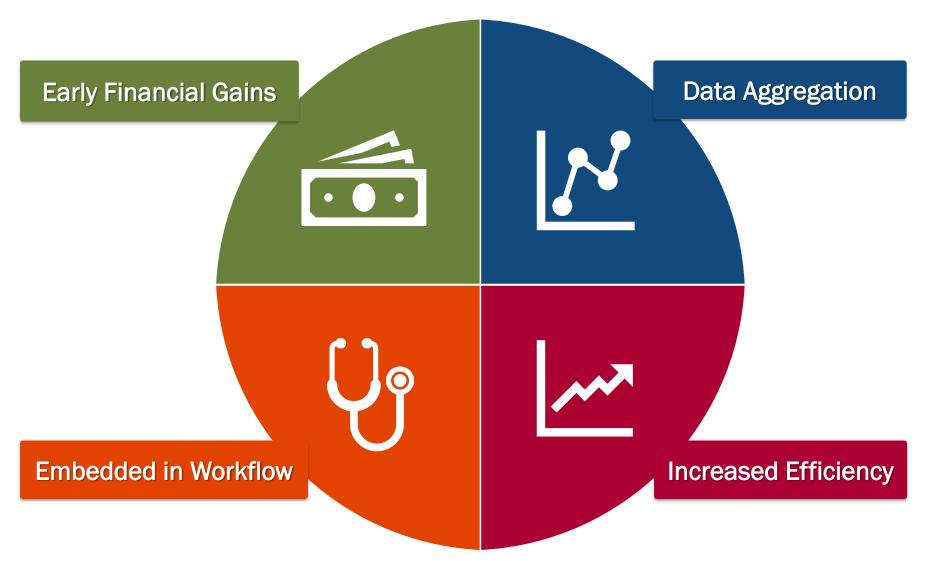
Simple interface; has clinical utility

Aggregates actionable data

Good reference tools within workflow; greater collaboration

Early Success





Enterprise Rollout



IP/OP Physicians

- Hospitalists/Internal Medicine
- Surgical Subspecialties
- Pulmonary/Critical Care/ Intensivists

Advanced Practice Providers

In Specialties Listed (See Left)

Graduate Medical Education

- Residents/Fellows
- Pharmacy Students

Pharmacists

Transplant Coordinators

January – Early September 2019



Includes lab, imaging and drug expense costs \$129 savings/admission

System ROI:

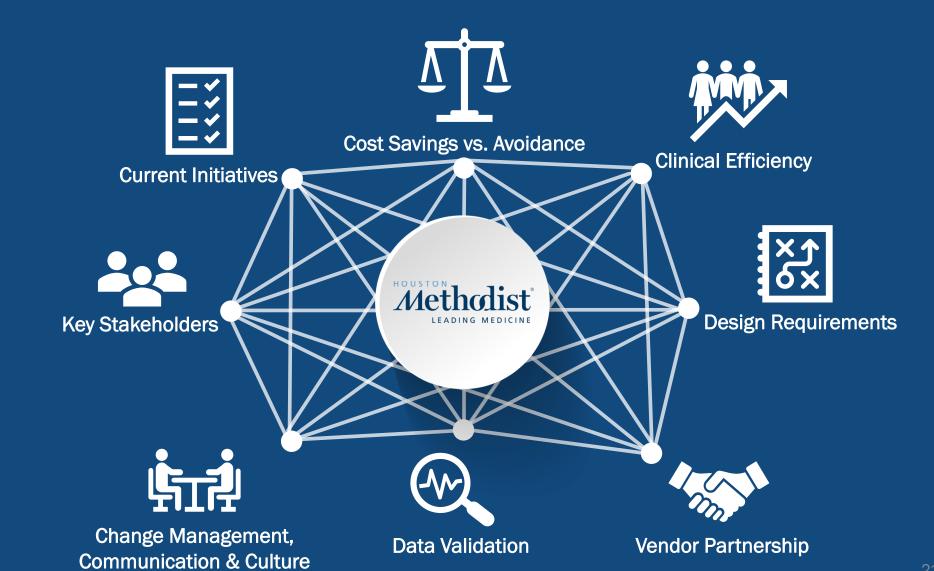
~\$15.5 M to
date projected
savings

Ribbon Period	Average Cost per Admission	Average Lab Cost per Admission	Average Med Cost per Admission	Average Rad Cost per Admission
Pre-Ribbon	\$2,114.85	\$516.13	\$1,263.71	\$335.01
Post-Ribbon	\$1,985.02	\$452.59	\$1,206.70	\$325.73

- Key savings opportunities pharmacy, internal medicine, hospitalists, residents, lab
- Highest utilizers residents, hospitalists, pain management, internal medicine
- Includes hospital-based cost savings initiatives in pharmacy, lab and radiology

Lessons Learned





Lessons Learned



Initially cost transparency initiative; quickly became clinical efficiency driver

Careful planning, stakeholder analysis and close vendor partnership are key

Integration of solution capabilities with current initiatives is critical for adoption

Conversations shift from cost savings to cost avoidance over time

Involve stakeholders from beginning and leverage to validate data for clear metrics

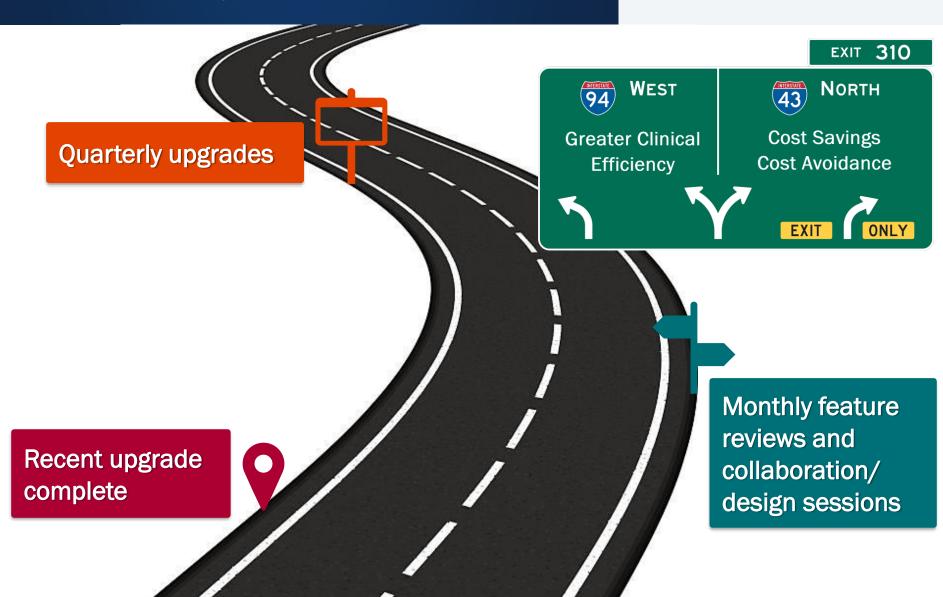
Iterate, emulate and innovate – continuous improvement, convergence of best practices with system learning to co-create new solutions



Journey Forward

Continued Partnership





Questions? Let's Connect!



S. Nicholas Desai, DPM, MBA

Chief Medical Information Officer, Houston Methodist

houstonmethodist.org

Houston Methodist IT 2550 Holly Hall St., HH3-IT Houston, Texas 77054

Houston Methodist Hospital 6560 Fannin St., Scurlock Tower, STB2 Houston, Texas 77030

sdesai2@houstonmethodist.org

Office: 832.667.5964 Cell: 281.413.8415

