Clinically Enhanced Data Project

The Minnesota Hospital Association (MHA)
in partnership with the
Agency for Healthcare Research & Quality (AHRQ)
Goals of the Study

**Improved Outcomes**
Leverage clinically enhanced data analysis in support of quality assessment and improved outcomes in Minnesota hospitals

**Comparative Effectiveness**
Integrate lab and pharmacy data with administrative information currently being collected to facilitate rich comparative analysis

**Database Enhancement**
Enhance the scope and quality of the Minnesota hospital discharge database
MHA Claims Database

Collecting data for over 20 years

>130 Member Hospitals

UB-04 or 837 Claims Data
**Data Guided Outcomes**

**Comparative Effectiveness Research (CER)**

Creates informed healthcare decisions by providing evidence on the effectiveness, benefits, and harms of treatment options.

**Clinically Enhanced Data Project**

Our innovative approach to CER is foundational in creating analysis that will benefit patients, clinicians, and hospitals throughout the nation.
Benefits to Hospitals

Data Guided Outcomes

- Compare treatment and drug protocols for your hospital to other hospitals
- Receive individualized recommendations for potential quality improvement
- Practice evidence-based medicine
- Ease transition to required reporting
Focus on Acute Decompensated Heart Failure lays a foundation for future Comparative Effectiveness Research.
Clinically Enhanced Data Project is in phase with other initiatives

- Accountable Care
- Bundled Payment
- Pay for Performance
- Evidence Based Care
Hospitals are currently submitting data

28 hospitals have enrolled and recruitment is ongoing

More Hospitals Enrolled \(=\) Richer Data Analysis
Participation will not constrain current initiatives or resources
Hospitals receive MHA support

Clinical Semantics Analysis

LOINC Mapping

HL7 and/or ASCII interoperability

Project management
How will MHA collect the data?

MHA offers two alternatives to collect data:

Manually submit flat files via MHA secure web portal or Send via secure transport method such as Secure FTP

Real time data submission via Health Language 7 (HL7), electronic standard transfer
Data Flow

Existing Claims Database → New Clinical Data Warehouse → Analysis → Hospitals
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Comparative Analysis Reporting to Hospitals

Lab and Pharmacy Data

Added to existing Claims database

Clinically Enhanced Data

Comparative Effectiveness Research

Focus on Quality
Hospitals receive valuable reports

- Coding of present-on-admission (POA) modifiers
- Information about the pharmacological management of your CHF patients
- Clinically-enhanced data: to compare your risk-adjusted clinical outcomes to other participating hospitals
How do hospitals get involved?

Sign the letter of commitment

Assign a communication liaison from your organization
Get the ball rolling...

- On site meeting or phone call connecting technical teams
- MHA staff assists your team prepare and submit data
- Contact: Jaclyn Roland at MHA
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