

*“Using Clinically-Enhanced  
Claims Data to Guide Treatment  
of Acute Heart Failure”  
An AHRQ Grant to MHA*



## Hospital Benefits

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CareFusion

# New AHRQ-Funded Research Study

- Clinical enhancement of claims data
  - Continue screening for quality of POA coding
  - Increase number of hospitals transmitting lab data
  - Begin transmitting electronic pharmacy data
- Comparative effectiveness research
  - Characterize use of drugs in patients hospitalized with acute decompensated heart failure
  - Evaluate clinical effectiveness of alternative initial and secondary interventions
  - Determine best therapies based on patient profiles

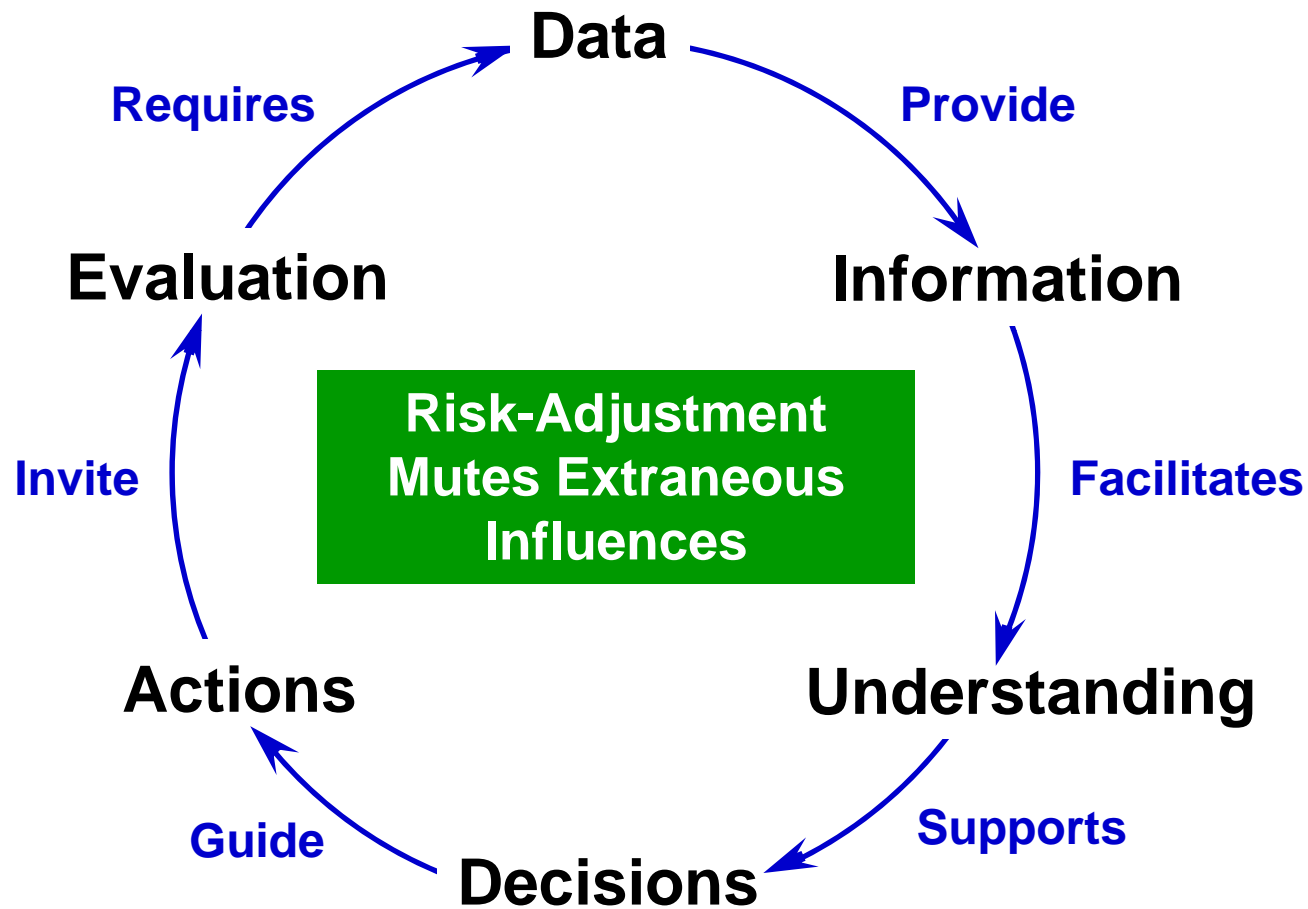
# Assistance in Data Management

- Help meeting 'meaningful use' requirements
- Preparation for future mandatory reporting requirements
- Creation of clinically-enhanced claims data sets
  - Better distinguishes between comorbidities and complications
  - Adds objective findings to more subjective diagnostic designations
  - Provides finer definition of progression of disease and underlying pathophysiology than does diagnostic codes

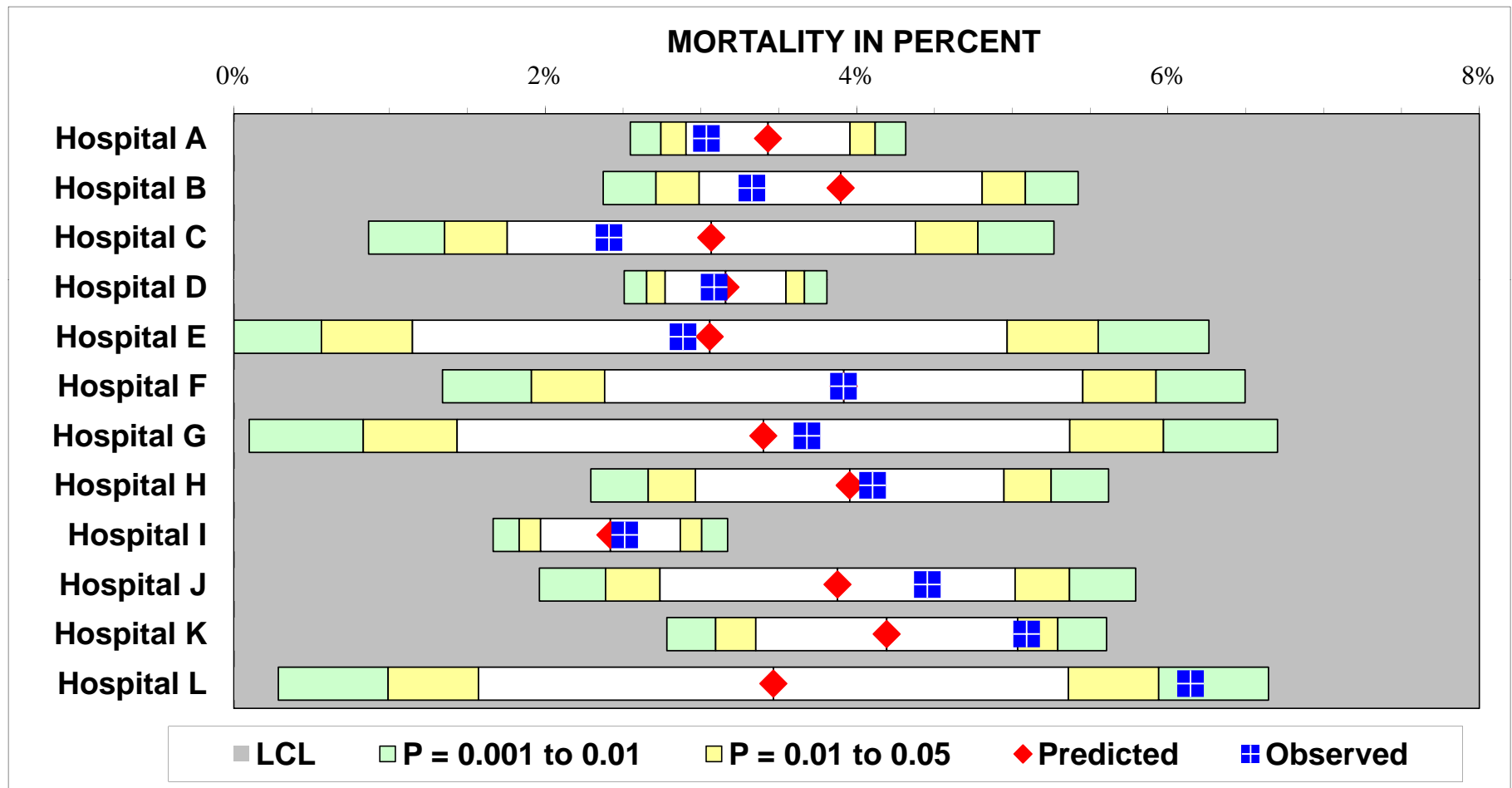
# Reports to Participating Hospitals

- Detailed analyses of the quality of its POA coding
- Comparative risk-adjusted mortality and adverse outcome rates based on clinically-enhanced claims data
- Description of how its drug treatment of acute decompensated heart failure compares to those of other hospitals
- Analysis of how critical processes in its drug treatment of acute decompensated heart failure may be altered to improve clinical outcomes

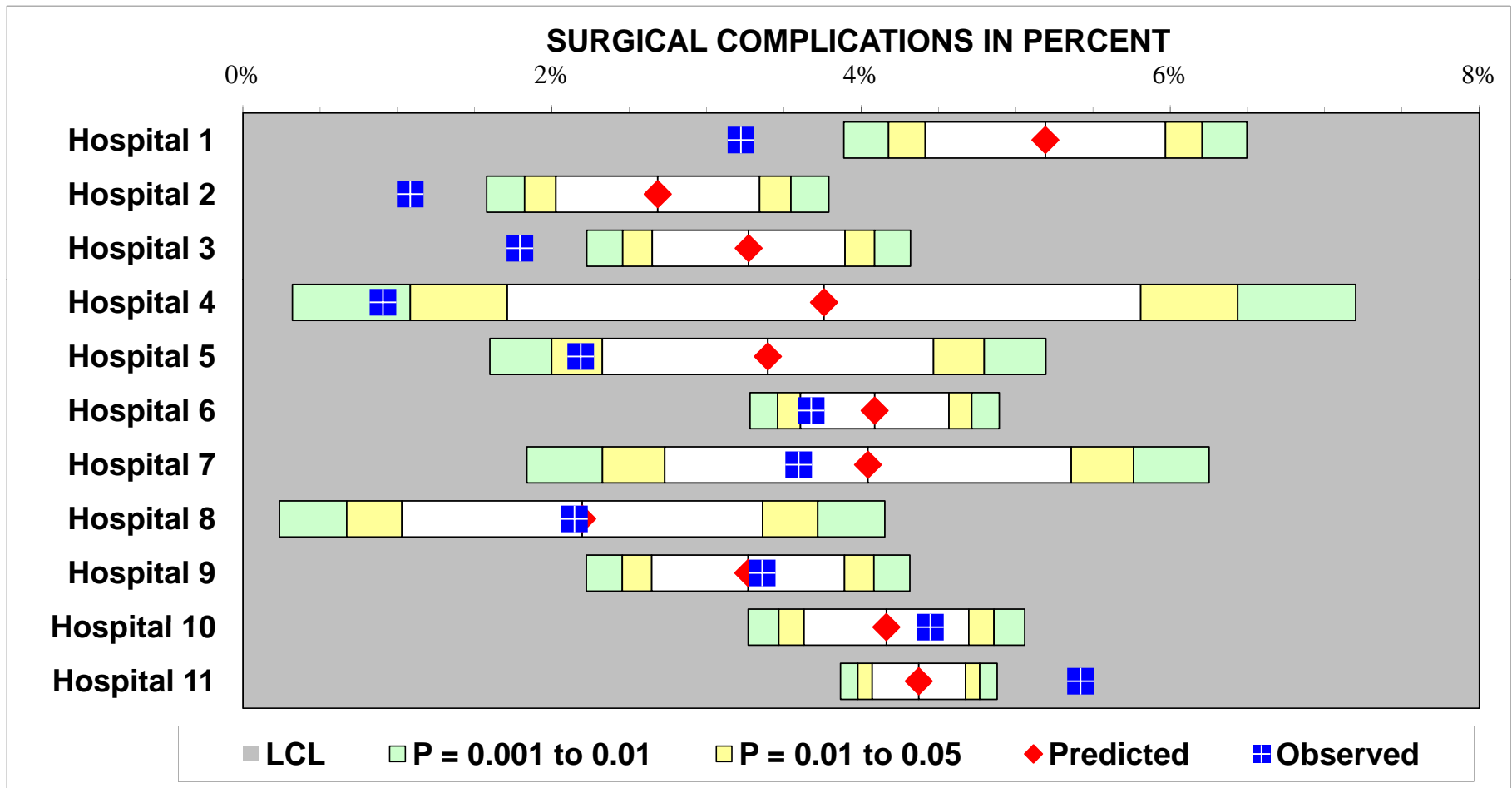
# Linking Data to Decisions



# Risk-Adjusted Mortality



# Risk-Adjusted Complications



# Linking Outcomes and Processes

