

**Clinically-Enhanced Risk-Adjustment Method for Performance Measurement
Issue Brief OUTLINE**

- 1) Background**
 - a) Current measurement efforts (process and outcome) rely on administrative data**
 - b) Administrative data enhanced with clinical data can strengthen the validity of measurement results**

- 2) Collaboration with Virginia Health Information**
 - a) Develop and test clinically-enhanced risk-adjustment method for cardiac-related mortality measures**
 - b) Sources of clinical data include lab results and present on admission codes**

- 3) Methods**
 - a) Data collection from 28 hospitals**
 - b) Integration of lab results**
 - c) Integration of present on admission codes**

- 4) Results**
 - a) Stronger c-statistic show adding clinical data strengthened risk-adjustment method**
 - b) Quality of present on admission coding varied across hospitals**
 - c) Defined set of lab tests had greatest impact on risk-adjustment method**

- 5) Evaluation of sustainability, utility, and scalability of clinically-enhanced risk-adjustment method: stakeholder workgroup discussion**
 - a) Standardization of risk-adjustment method needed for widespread adoption of method**
 - b) Further testing of method on other measures needed**
 - c) Potential application of method using all-payer databases (i.e., HCUP data)**