Diagnostic Error Measurement Resource

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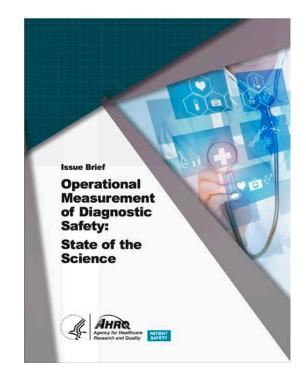
Figure 1. Characteristics of Diagnostic Safety Measurement and Monitoring in High Reliability Organizations



Adapted from Vincent C, Burnett S, and Carthey J, BMJ Quality and Safety 2014; 23:670-77.

Background

- AHRQ contract awarded to MedStar and Baylor College of Medicine
- Work completed to date:
 - Organizational Measurement of Diagnostic Safety: State of the Science
 - Environmental scan of existing resources to support measurement of diagnostic safety
- Current project: Create and field test a succinct, practical resource to translate measurement research and principles into real-world guidance





"What do I need to do tomorrow?"

Measurement Strategies



Strategy A: Use Data Collected from Operations

 Further review of events captured in existing processes such as peer review, malpractice claims, risk management, morbidity and mortality conferences



Strategy B: Review of Solicited Reports

- Diagnostic safety concerns could be solicited from clinicians or patients
- Strategies to reinforce reporting behavior and minimize burden



Strategy C: EHR-enhanced Record Review

- Queries to identify sets of records of patients at higher risk for diagnostic error
- E-triggers

Cross-cutting tools for reviewing cases and communicating learning & feedback

Core Team

Subject Matter Experts

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