Category: Implementation science (Study of methods to promote the adoption and integration of evidence-based practices/interventions into health care)

Title: A Centralized View for the Delivery of Cardiovascular Value-Based Care: Leveraging Past and Present Performance from Disparate Data Sources and Multiple Specialties to Identify and Monitor Paths for Optimization

ABSTRACT BODY

Background: Data in Healthcare is vast and variable in both sources and structures. Though software tools can provide insights that assist in medical and financial decisions, resulting scorecards and dashboards are often specialty-specific. At INSITUTION a central "Value Dashboard" was therefore created to display data encompassing all subspecialties to provide the big picture of cardiovascular quality and cost.

Methods: A multi-disciplinary team, formed by MD Vice Chair of Quality and Clinical Transformation, included specialty physician champions, administrative leaders, and teammates with expertise in quality/care transformation, cost/clinical analytics, and clinical registries. Over multiple months this team created and revised an initial concept of the "Value Dashboard" to display metrics from various sources such as registries, variable costs, quality, clinical compliance tracking, and patient reported outcomes.

Results: The "Value Dashboard" is comprised of 10 subspecialty pages and an institute-wide page that contains a high-level summary of each subspecialty page. The institute-wide and subspecialty pages are widely available and evaluated at least monthly at teammate and stakeholder meetings to encourage transparency and to foster ongoing quality improvement efforts.

Conclusions: Having a central dashboard allows for efficient performance evaluation and the identification of paths for optimization.

Clinical Implications: My study will help enable cardiovascular clinicians to optimize availability of quality and cost data in a centralized dashboard to drive continuous improvement in the value of care.