Day 2. Panel debate 2:

*How new technological innovations can make the promise of “real world data” and “big data” a reality*

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First things first

EHRs must Die
Integrated Care requires care coordination

Deliberate organization of patient care activities between two or more participants involved in a patient's care to facilitate the appropriate delivery of health care services.

Organizing care involves

- Marshalling of personnel and other resources needed to carry out all required patient care activities
- Often managed by the exchange of information among participants responsible for different aspects of care.

Enable Team Based Collaborative Care
Enable Deeper Patient Engagement
Enable Data Driven Decision Support
The post-EPR value proposition

Enabling Integrated care coordination require fundamentally different health IT solutions beyond the legacy EPRs

- Support for all clinical as well non-clinical points of care from screening through disease management
- Enable context relevant collaboration between care teams across multiple points of care
- Engage patients as members of the care team and enable patient education, communication and outcomes
- Aggregate and analyze collective experience, outcomes and information from available sources to enable rapid learning
- Integrate decision support into the clinical and operational workflows and make it available at the point of care
Elevating scope of health IT solutions

Increasingly critical and unifying role of informatics in all stages of Integrated Care

- Population management
  - Risk based Population stratification and data driven policy making
  - Comparative effectiveness based on clinical, quality and cost outcomes
  - Standard of care, quality compliance, clinical decision support
  - Patient Engagement, Coordination of multidisciplinary care, compliance, benchmarking
  - Workflow efficiency, treatment care-paths, patient satisfaction, clinical decision support integration, team based care

Rapid Learning
Technology is not the barrier

**Key technologies to enable integrated care are available today**

**Care Coordination**
- Cloud platforms to enable collaborative virtual enterprises
- User centered design concepts
- mHealth solutions to enable deeper patient engagement
- Advanced interoperability platforms and standards

**Big Data driven decision support**
- Data aggregation platforms
- Ontology platforms
- Federated rapid learning platforms