



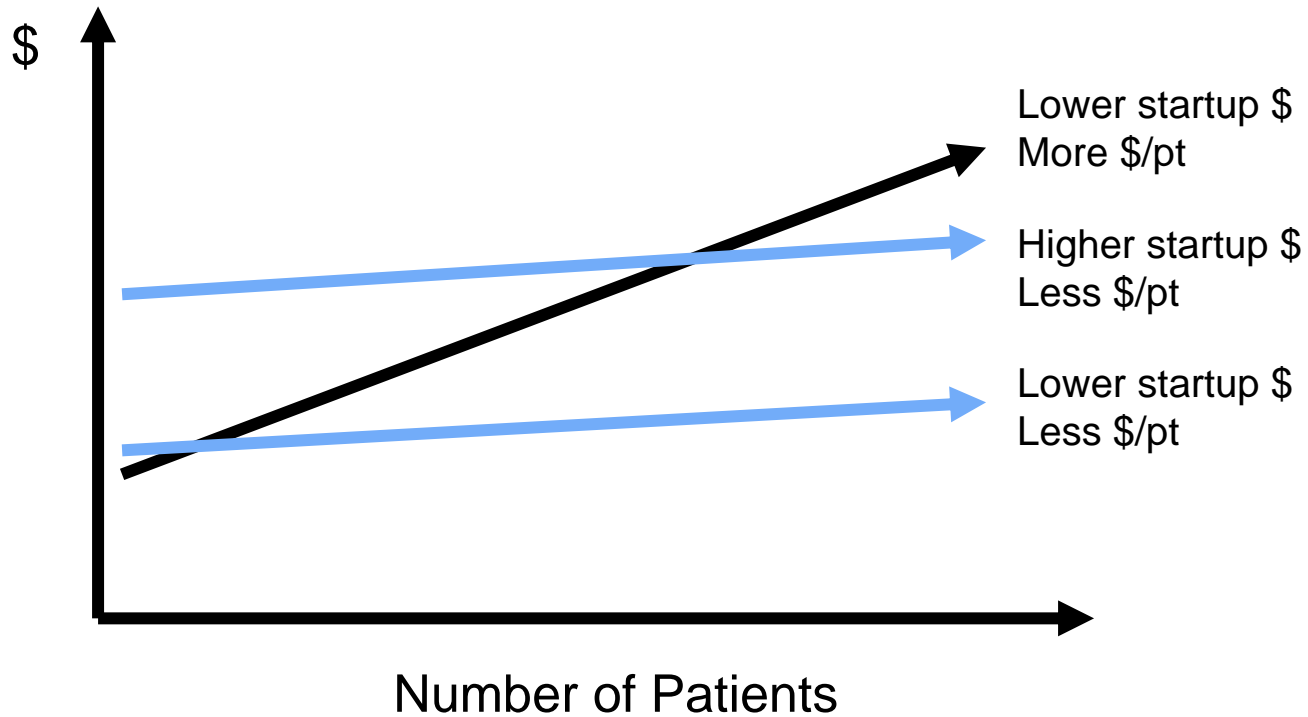
Methods for Data Capture, Integration, Exchange and Management

Brian McCourt

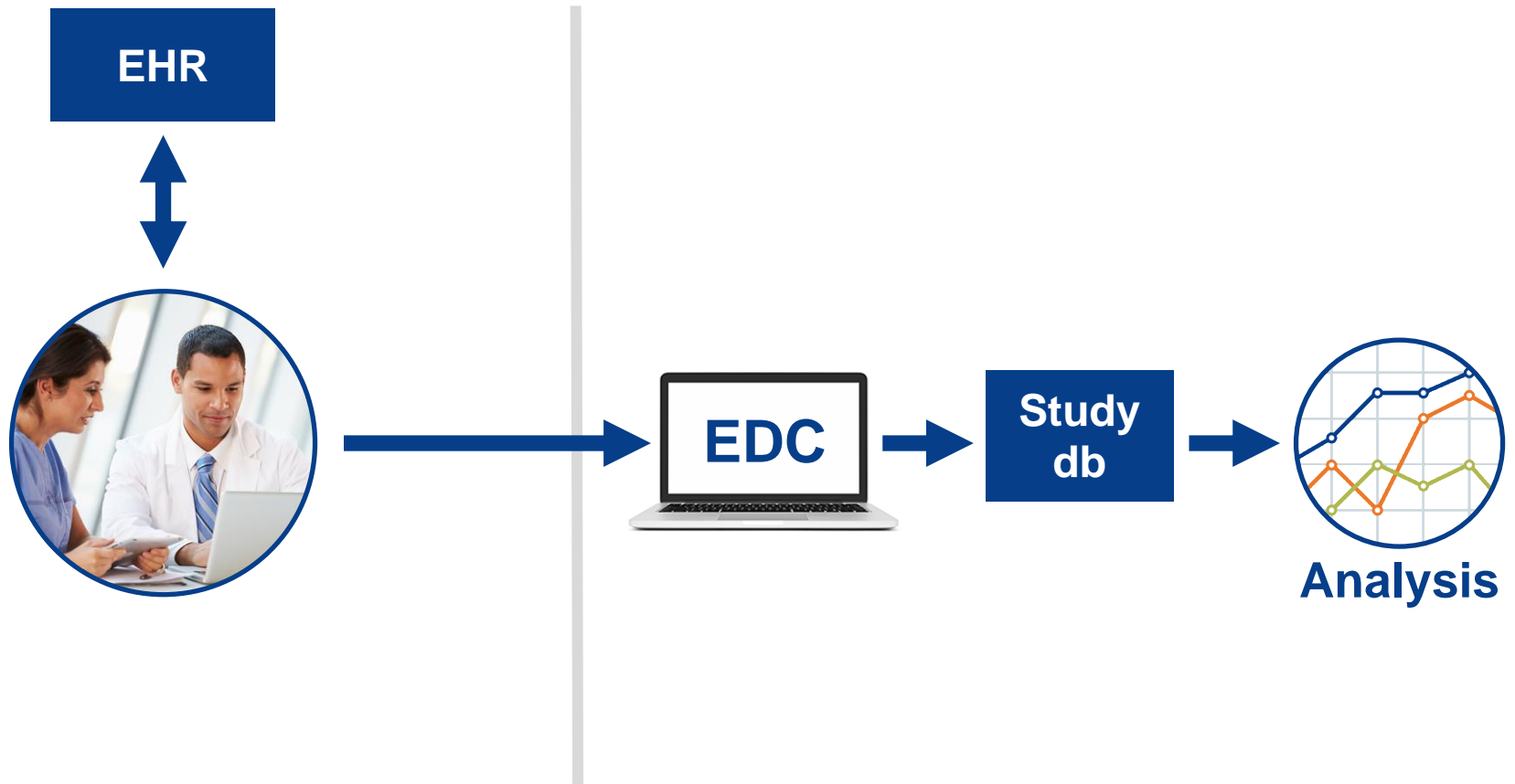
Director, Clinical Research Informatics



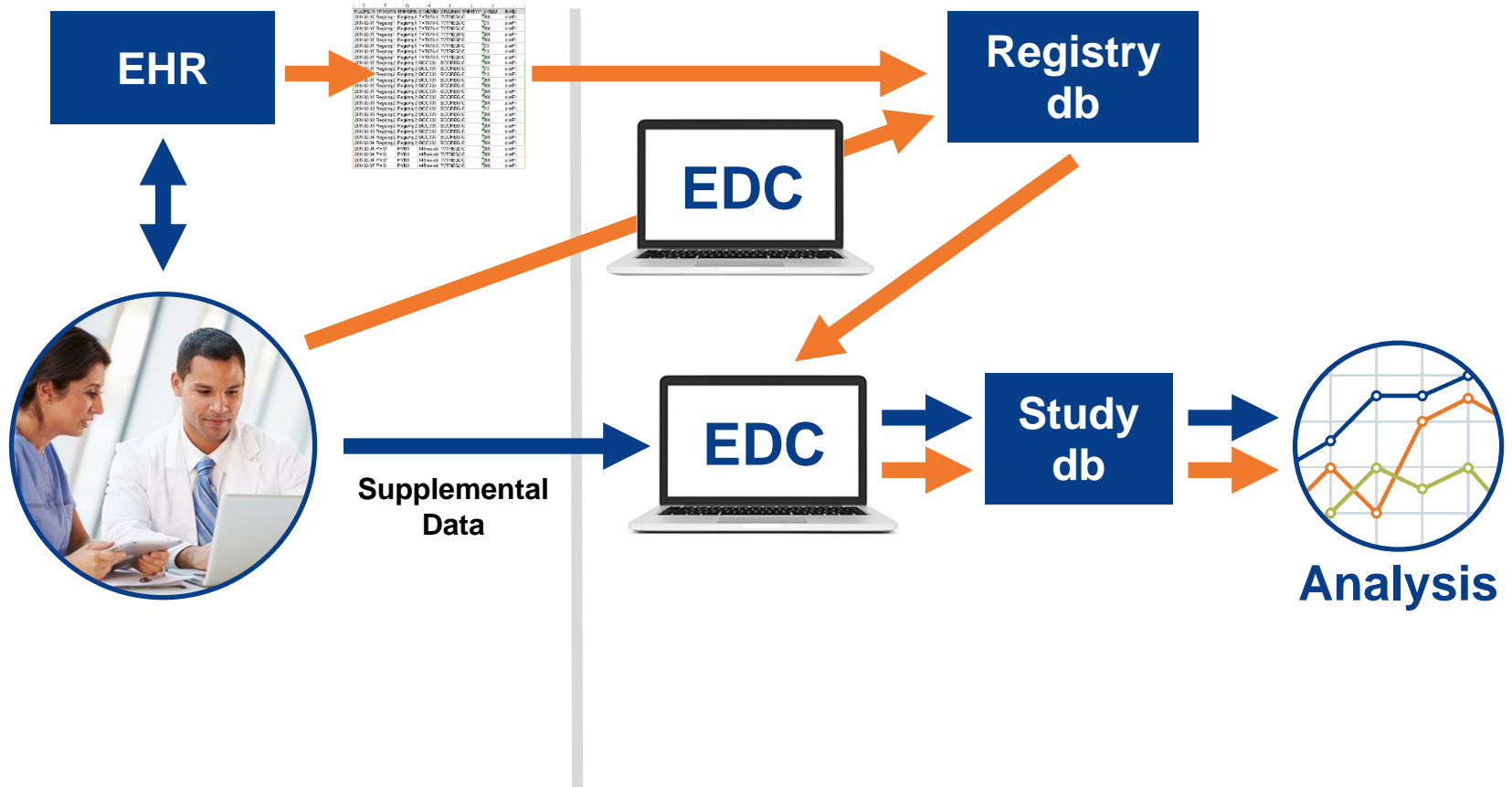
Cost impact of new data acquisition methods



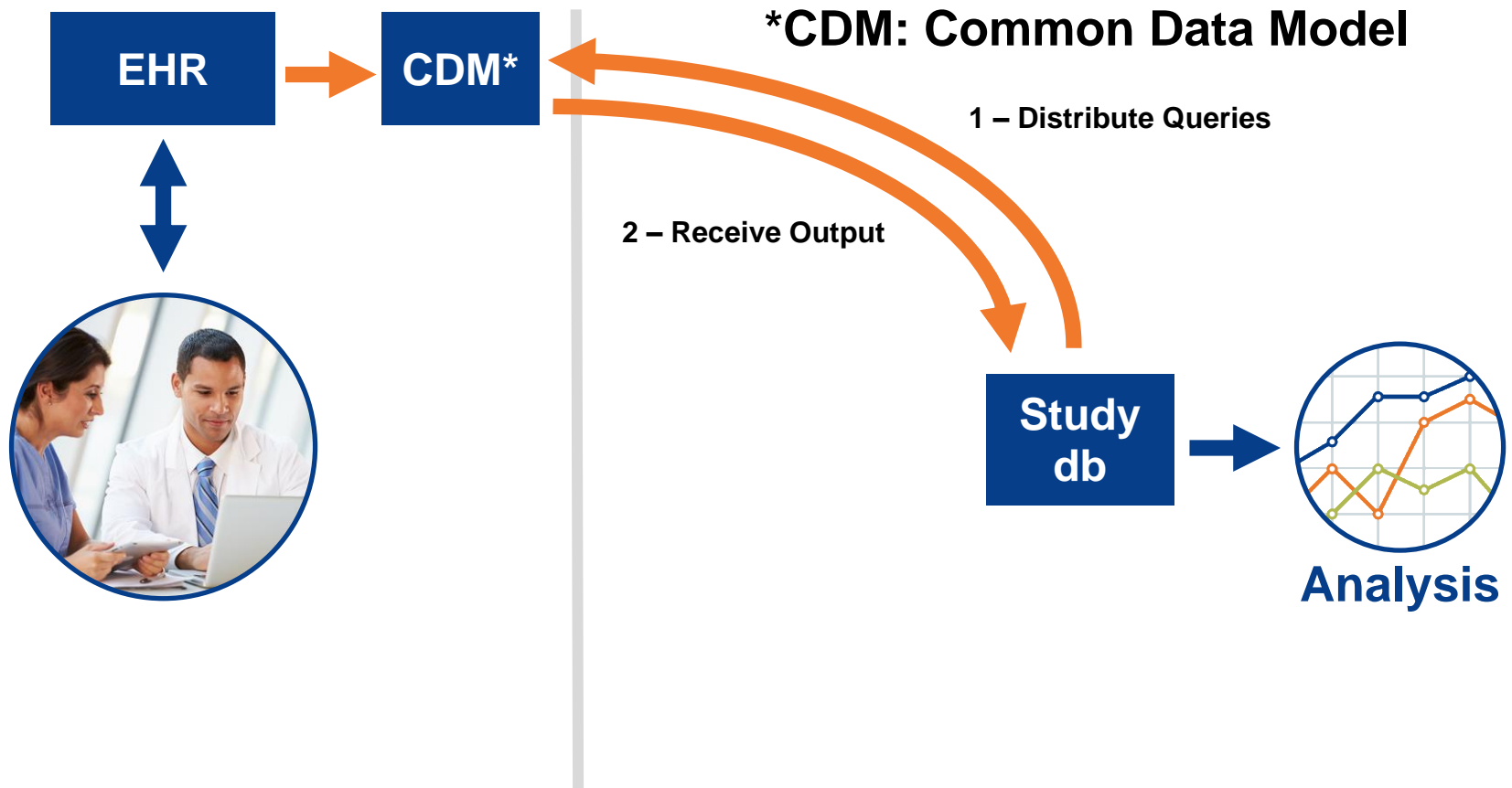
Traditional EDC



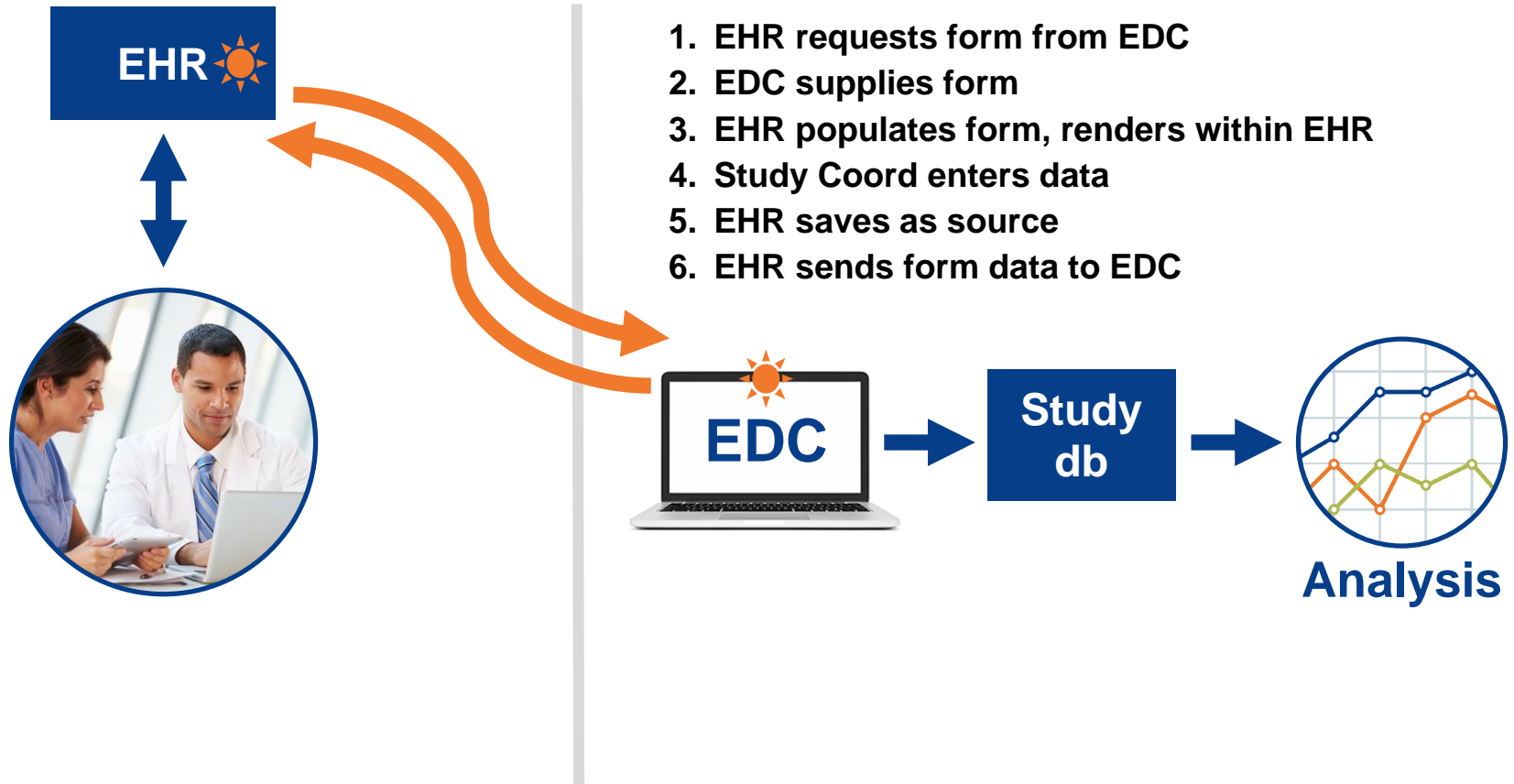
Registry-based Trial



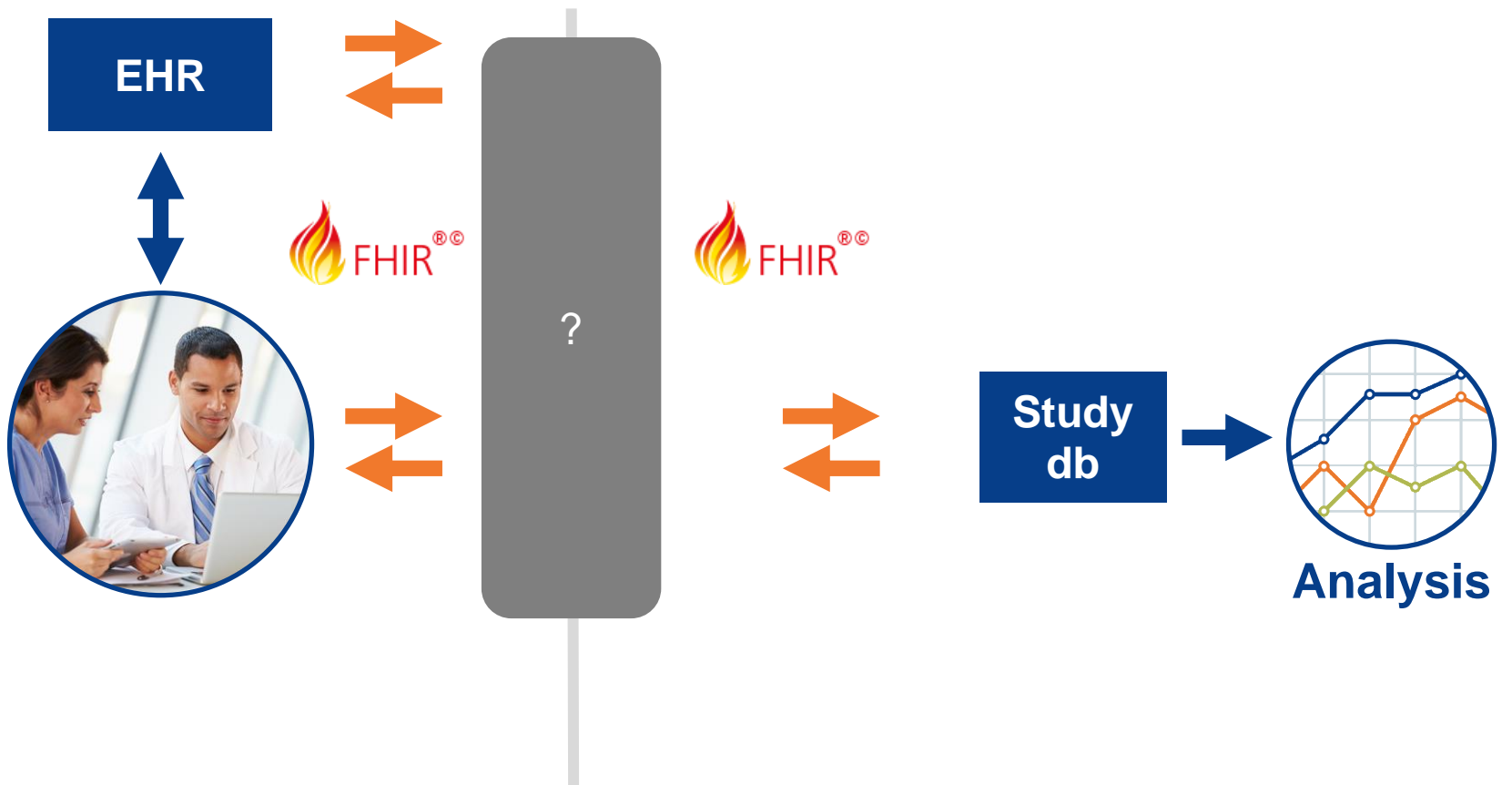
Distributed Research Network



IHE Retrieve Form for Data Capture (RFD)



HL7 FHIR

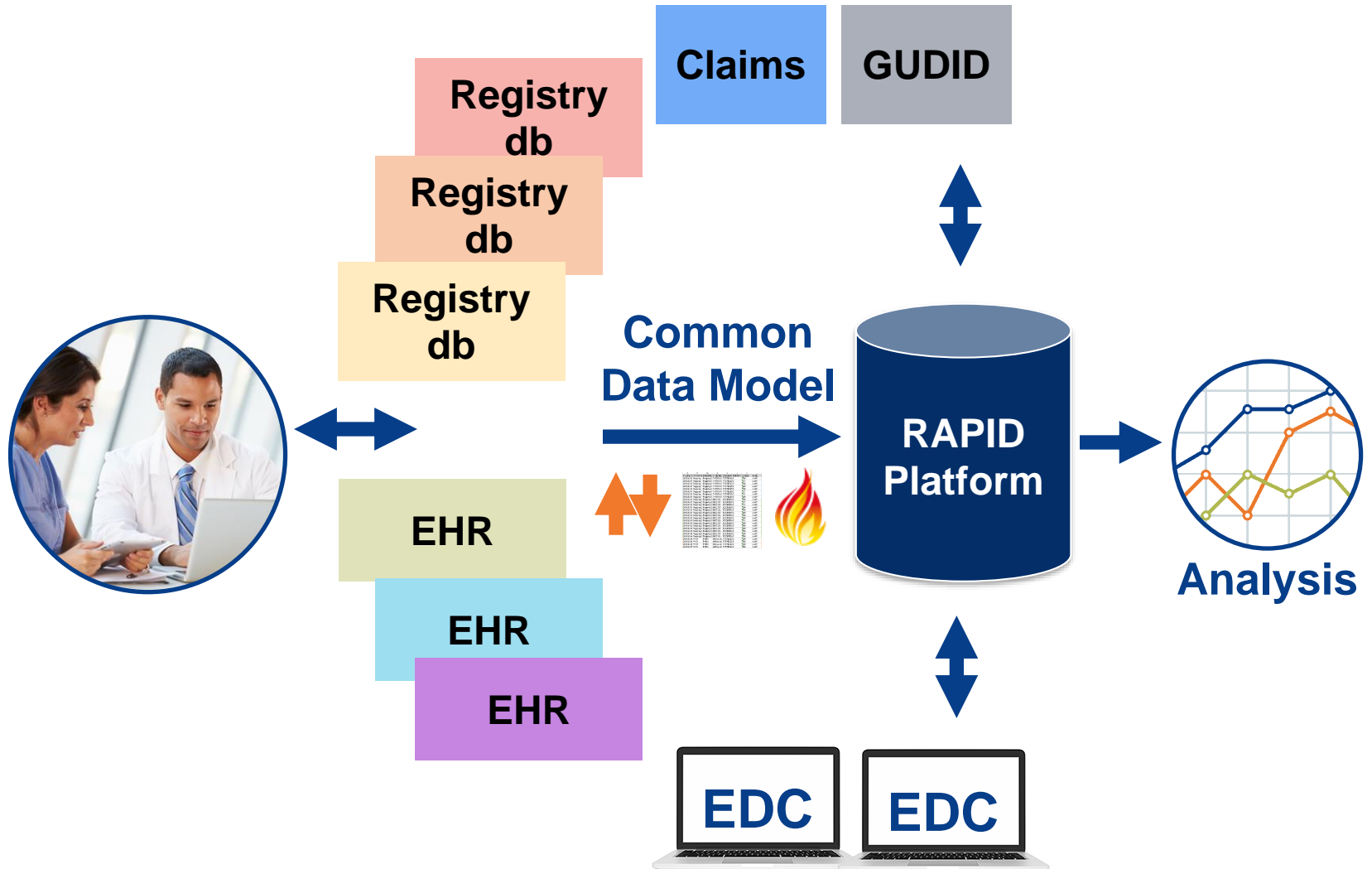


RAPID Platform

- Challenges
 - Many registries
 - Many EHR's
 - RAPID CDE penetration timelines
 - Study-specific data
 - Emerging technical resources
 - Need to crawl, walk, run. Starting now.
- Strategies to consider
 - Crawl: Tackle governance and adopt traditional methods (CDM xfer)
 - Walk: Enhance governance and methods (Distributed network)
 - Run: Flexible interfaces (FHIR)



RAPID Platform





Duke Clinical Research Institute

FROM **THOUGHT LEADERSHIP**
TO **CLINICAL PRACTICE**