

The Future of CTMS in an EHR World

Vendor Panel

11/17/2016

Michael Rauwerdink
Director, Product Development
Forte Research Systems

FORTE RESEARCH SYSTEMS

Developing clinical research software since 2000



Madison, WI, USA



Bangalore, India



Our Approach

We collaborate with the clinical research community to develop standards-based systems that promote best practices.

Our Values



Collaborate



Pursue
Excellence



Fulfill
Commitments



Celebrate

WHY A CTMS?



Research Operational
Metrics



Research Operations
Management



Financial
Management

CTMS manages clinical trial operations – accelerates research.
EHR manages daily patient care.

OVERLAPPING FOCUS

CTMS and EHR Responsibilities



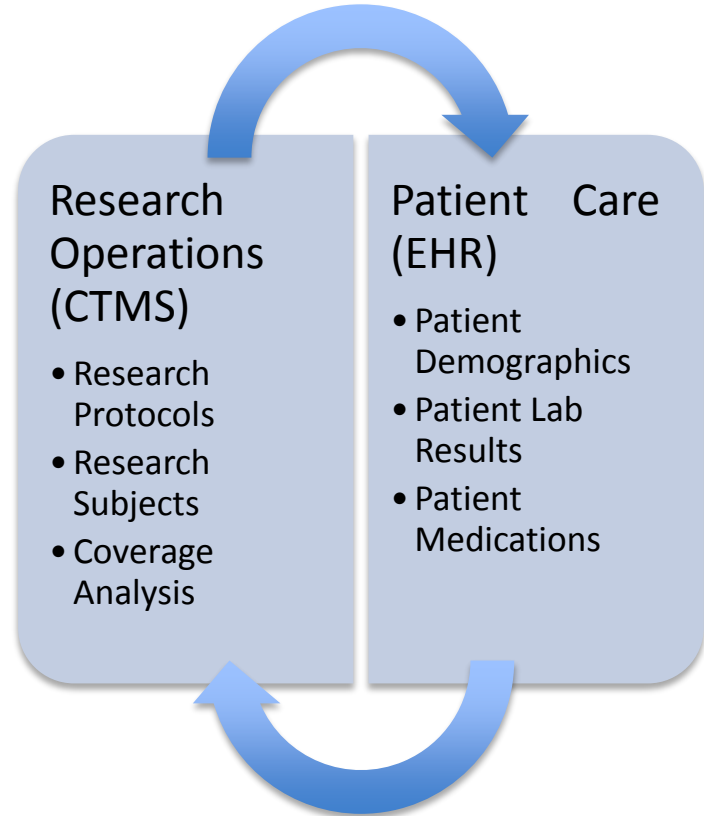
Clinical
Research
Operations

Patient
Care

THE POWER OF INTEGRATION

The best of both worlds

- Research operations empowering patient care
 - Patient Safety
 - Billing Compliance
- Patient care information improving research
 - Subject Registration
 - Case Report Forms



STANDARDS-BASED APPROACH

- Standards-based solutions are possible
 - Commonality and best practices in clinical research operations
 - Strong buy-in from both organizations and vendors
 - Standards for data exchange
 - Vendor collaboration
- Lead to proven repeatable integrations
 - Accelerating research across many organizations
 - Provides streamlined, time-tested implementation process

- Case study: RPE Integration
 - Protocols and subject enrollment status
 - CTMS -> EHR
- Key components
 - Strong buy-in from both organizations and vendors
 - Clear, broadly applicable value proposition for many organizations
 - Standards for data exchange
 - IHE RPE standard
 - Vendor collaboration
 - Direct integration testing
 - Implementation partnership

- Case study: FHIR
 - Concomitant Medications, Patient Demographics
 - EHR -> CTMS
- Key components
 - Strong buy-in from both organizations and vendors
 - Standards for data exchange
 - FHIR standard
 - Changing quickly – requiring closer collaboration
 - Standardized data exchange, but implementation of standard can still vary
 - Vendor collaboration
 - Sandbox example as main collaboration tool
 - Uncertainty about interface availability

HOW CAN YOU HELP?

- Thought leadership from AMC's
 - Common set of priorities
 - Bring vendors to the table
- Examples
 - Additional FHIR resources
 - Serious adverse event reporting
 - Patient recruitment