

30 May 2014

Implementing Standards-based EHR-enabled Research

IOM ROUNDTABLE ON VALUE & SCIENCE-DRIVEN HEALTH CARE

Agenda

- History of efforts
- Ready, Willing and Able
- Where is the demand?
- How can we advance?

History

- CDISC and IHE (Integrating the Healthcare Enterprise)
 - Retrieve Form for Data Capture (RFD)
 - Clinical Research Document (CRD)
 - Authentication and Security workgroup
 - IHE revisions and updates
- Presentation to FDA Office of Scientific Investigation
- ONC S&I Structured Data Capture (SDC)

RFD Retrieve Form

I've got Mrs. Jones here for her research visit and I need to retrieve her form so that I can do the data capture. And here's some data on her to start off.



Research System

Sure, here's the form we need for Mrs. Jones. I've inserted the data you sent me, and you do the rest.



Electronic Health Record

Ready, Willing and Able

- IHE North America Connectathon
- HIMSS Interoperability Showcase
- Drug Investigators Association
- PHIN
- Discussions leading to *ASTER Project

Where is the demand?

- Shhhhhh..... We have a well kept secret
- We have technical capability to Reduce the Burden of Reporting
- However, consider the Allscripts Clients
 - 180,000 physicians in 50,000 practices
 - 1,500 hospitals
- No Current Projects using our Standards-based Approach

What does Success look like?

- 4,993 hospitals eligible for Medicare and Medicaid incentives
 - more than 94% have registered for EHR incentives
 - nearly 91% have been paid incentives
- 537,600 professionals eligible for Medicare or Medicaid incentives
 - nearly 87% have registered for an Incentive Program
 - 68% have received payments

How can we advance?

- Socialize / Evangelize
 - get coverage in HIT, Healthcare Executive Summary, ... publications, blogs
 - Publicize this meeting
- Getting inside provider workflow
 - Enrollment - automate
 - Study / Subjects – some sort of federated data support ?
 - Protocol support – automate
- Certification/ Meaningful Use – a very powerful driving force
- Additional gaps – identify and close
 - See one, do one {, teach one} – why is the latter often missing?