Partners in Interoperability Workshop

April 26-27, 2016
Kaiser Permanente® Center for Total Health, Washington DC

Biopharma Report – Day 1

- State of the Challenge: High Interest in FHIR
- What opportunities and use cases did we identify for improving interoperability?
  - Aligned with the clinical research process:
  - Study design/planning; recruitment;
  - Data collection; aggregation
- Which are the top 3 priorities? - *Next Slide*
- What systems and processes need to be introduced or changed internally to use HL7's FHIR to improve interoperability? -*TBD*

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Opportunity Voting Results

Opportunity Area	Opportunity	Importance	Actionable in 1 year	Total
Design	Protocol Feasibility - counts of potential subjects who meet eligibility criteria	3	20	23
Recruitment	Apps to support Subject Recruitment and consent	3	16	19
Data Collection	Farvesting EHR data that already exists for study databases	12	14	26
	Collection of patient provided data (ePro Questionnaires, etc.)	11	5	16
	Collecting additional CRF data not typically in EHRs	0	7	7
	Accessing EHR bulk data for secondary research purposes (e.g., drug safety)	11	0	11
Data Aggregation & Sharing	Making research data accessible to patients	20	6	26
	Sharing aggregate study results with patients and research community	7	3	10
	Enabling aggregation of data from multiple sites and multiple studies	5	0	5
	Mapping patient data to CDISC formats	3	7	10

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Breakout Reports Day 2

- What did we learn about FHIR implementations?
- Given what we've learned, are we on the right track?
- What's holding us back? How an we remove obstacles?
- What next steps can we suggest to make it happen?
- What other great thoughts to share with each other?

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