ONC on FHIR

ONC engagements and efforts related to
Fast Healthcare Interoperability Resources as of 11/18/14

	Clinical Quality Framework	Data Access Framework	Privacy on FHIR	Structured Data Capture
Scope	• Harmonize CDS and eCQM standards to reduce implementation burdens, promote integration between CDS and eCQM and facilitate care quality improvement	• Enable providers to access patient and population data within and across care settings and better manage the patient and care transitions • Liberate data for 3rd party applications to provide value-added services using data collected during workflows	• Joint pilot with VA, testing FHIR on privacy & security protocols so patients can manage access to their data • On-demand bi-directional exchange with apps • Provide early insights into the Interoperability Roadmap 3-year privacy and security milestones	• Enable a structured set of data to be accessed from EHRs and to be stored for merging with comparable data for purposes such as clinical trial research
Role of FHIR	• Bridge between the CDS and eCQM providing flexibility to work with multiple combinations of standards • Enables the data to support both business functions (i.e., CDS and eCQM)	• FHIR is used as the API to enable the data access • FHIR is also used as the container to return query results in-lieu of CCDA • FHIR Security Labeling strategy will be used to build the necessary Security and Privacy Controls	• Define a privacy and security layer to secure the transmission of FHIR data on behalf of the patient and its focus is on patient mediated exchange	• Facilitates creating starter set of CDEs (based on Meaningful Use 2) to serve as examples for industry to apply in its own implementation and development
Status	• QUICK data model and CQL expression language have completed ballot for comment • DSTU for CQL in Jan 2015, for QUICK and QUICK/FHIR May 2015	• HL7 PSS has been approved for DAF FHIR IG • Next step: Ballot DAF FHIR IG in January 2015 as "Draft for Comment" and eventually publish the DAF FHIR IG as DSTU later in 2015 • Use the Draft DAF FHIR IG to obtain pilot feedback	• Constrained security RESTful profiles in support of patient mediated exchange • Open source reference implementations and guides for privacy • HL7- FHIR consent resources endpoints • To be displayed at HIMSS 2015	• ONC is working with HL7 to reconcile ballot comments on the SDC FHIR Profile