Laboratory Interoperability Update

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ONC Interoperability Roadmap --bullets related to laboratory interoperability

- **NLM, FDA, CDC, CMS and other stakeholders should collaborate regarding approaches to promoting laboratory information exchange (especially through the use of LOINC, SNOMED-CT, UCUM and UDIs) between *in vitro* diagnostic devices and database systems, including laboratory information systems and electronic health records. (Table 8 H2.7, page 65)**

Connecting Health and Care for the Nation A Shared Nationwide Interoperability Roadmap, Final version 1.0, published October 2015; https://www.healthit.gov/policy-researchers-implementers/interoperability

ONC Interoperability Roadmap --bullets related to laboratory interoperability

- ONC, NIST, CMS, CDC and FDA should collaborate to advance laboratory data interoperability, including specifications to ensure compliance with CLIA, state and local quality laboratory regulations. (Table 9, I1.7, page 66)
- ONC, NIST, CMS, CDC and FDA should collaborate to advance laboratory data interoperability, including the establishment of requirements for common application programming interfaces (APIs) that meet CLIA requirements for laboratory test ordering and reporting. (Table 10, J2.4, page 68)

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- **CDC should encourage development of training aids to help laboratories use LOINC for laboratory test ordering and reporting in a structured format that includes data elements necessary to meet CLIA requirements. (Table 8 H2.8, page 65)**

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- **NIST, OCR, CMS, CDC, FDA and other stakeholders should collaborate regarding approaches for identity management, including HIPAA guidance for remote identity, authentication and access management. (Table 4, D2.5, page 58)**

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For more information please contact Centers for Disease Control and Prevention

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