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The Final Standards Rule

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<http://geekdoctor.blogspot.com/>



Categories of Standards

- Content
- Vocabulary
- Privacy/Security



Patient Summary Record

- Standard - HL7 Clinical Document Architecture (CDA) Release 2, Continuity of Care Document (CCD)
- Implementation specifications - The Healthcare Information Technology Standards Panel (HITSP) Summary Documents Using HL7 CCD Component HITSP/C32
- Standard - ASTM E2369 Standard Specification for Continuity of Care Record and Adjunct to ASTM E2369

e-Prescribing

- Standard - The National Council for the Prescription Drug
- Programs (NCPDP)
Prescriber/Pharmacist Interface
SCRIPT standard, Implementation
Guide Version 8, Release 1
(Version 8.1) October 2005
- Standard - NCPDP SCRIPT
Standard, Implementation Guide,
Version 10.6

Public Health Labs

- Standard - HL7 2.5.1
- Implementation specifications - HL7
Version 2.5.1 Implementation Guide:
Electronic Laboratory Reporting to Public
Health, Release 1

Public Health Surveillance

- Standard - HL7 2.3.1
- Standard - HL7 2.5.1
- Implementation specifications - Public Health Information Network HL7 Version 2.5 Message Structure Specification for National Condition Reporting Final Version 1.0 and Errata and Clarifications National Notification Message Structural Specification

Public Health Immunizations

- Standard - HL7 2.3.1
- Implementation specifications - Implementation Guide for Immunization Data Transactions using Version 2.3.1 of the Health Level Seven (HL7) Standard Protocol Implementation Guide Version 2.2
- Standard - HL7 2.5.1
- Implementation specifications - HL7 2.5.1 Implementation Guide for Immunization Messaging Release 1.0

Quality

- Standard - The CMS Physician Quality Reporting Initiative (PQRI) 2009 Registry XML Specification
- Implementation specifications - Physician Quality Reporting Initiative Measure Specifications Manual for Claims and Registry

Vocabulary - Problem List

- Standard - The code set specified at 45 CFR 162.1002(a)(1) for the indicated conditions (i.e. ICD9-CM)
- Standard - International Health Terminology Standards Development Organization (IHTSDO) Systematized Nomenclature of Medicine Clinical Terms (SNOMED CT®) July 2009 version

Vocabulary - Procedures

- Standard - The code set specified at 45 CFR 162.1002(a)(2). (2) Standard. The code set specified at 45 CFR 162.1002(a)(5) (i.e. CPT-4)

Vocabulary - Labs

- Standard - Logical Observation Identifiers Names and Codes (LOINC®) version 2.27



Vocabulary - Medications

- Any source vocabulary that is included in RxNorm, a standardized nomenclature for clinical drugs produced by the United States National Library of Medicine.

Vocabulary - Immunizations

- Standard - HL7 Standard Code Set
CVX - Vaccines Administered, July
30, 2009 version

Vocabulary - Race/Ethnicity

- Standard - The Office of Management and Budget Standards for Maintaining, Collecting, and Presenting Federal Data on Race and Ethnicity, Statistical Policy Directive No. 15, October 30, 1997

Privacy/Security

- Encryption and decryption of electronic health information
 - In general - Any encryption algorithm identified by the National Institute of Standards and Technology (NIST) as an approved security function in Annex A of the Federal Information Processing Standards (FIPS) Publication 140-2
 - For data exchange - Any encrypted and integrity protected link
- Record actions related to electronic health information
 - The date, time, patient identification, and user identification must be recorded when electronic health information is created, modified, accessed, or deleted; and an indication of which action(s) occurred and by whom must also be recorded

Privacy/Security

- Verification that electronic health information has not been altered in transit
 - Standard - A hashing algorithm with a security strength equal to or greater than SHA-1 (Secure Hash Algorithm (SHA-1) as specified by the National Institute of Standards and Technology (NIST) in FIPS PUB 180-3 (October, 2008)) must be used to verify that electronic health information has not been altered.

- Record treatment, payment, and health care operations disclosures
 - The date, time, patient identification, user identification, and a description of the disclosure must be recorded for disclosures for treatment, payment, and health care operations, as these terms are defined at 45 CFR 164.501

Summary

- Content, Vocabulary, and Privacy/Security Standards have enhanced specificity and clear implementation guidance
- Transport - SOAP/REST have been removed and replaced with a statement requiring encryption and data integrity
- Administration Simplification Standards have been moved to Stage 2



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Latisha Smith, MD

Associate Professor University of Texas Health Science Center,
Houston Medical Director, Memorial Hermann Center for Wound Healing

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