

# Health Story Project HIMSS EHRA Presentation

Tuesday, June 12, 2012



#### Session Overview

- 1. What is the Health Story Project, and what does it mean for EHR vendors?
- 2. What is HL7 Consolidated CDA?
  - 1. How does it relate to Health Story?
  - 2. How does it relate to Meaningful Use Stage 2?
- 3. How do we get started, get involved?
  - As EHR vendor, what can I do?
  - 2. As the EHRA, what can we do?



## Health Story Guests







Joy Kuhl

**Liora Alschuler**CEO, Lantana Consulting

Group

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Medical Group of
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President & CMO, Lantana Consulting Group

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Executive Director, Health Story Project



#### Session Overview

## 1. What is the Health Story Project, and what does it mean for EHR vendors?

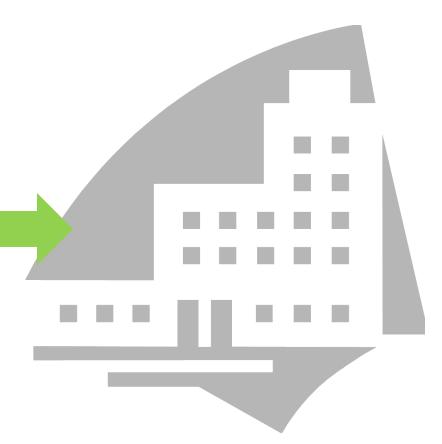
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## The Health Story Challenge



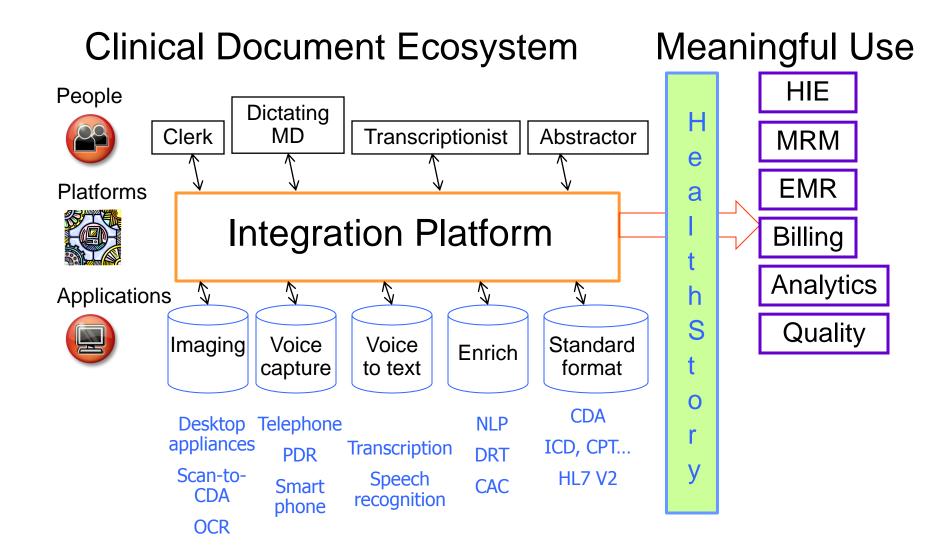
A physician's practical need for fast and easy (30 sec) methods of creating clinical documentation



The enterprise need for structured and coded information capture to support meaningful use



## Health Story Telling





## Health Story Project



- Non profit, industry alliance
- Founded 2007





- Member organizations provide direction
- Sponsored HL7 standards for common clinical documents (8!)
- www.healthstory.com

















## Guides for 8 Common Documents



#### Data Standards

Health Story has an Associate Charter Agreement with Health Level Seven and works with related organizations toward harmonization. Over the previous four years, Health Story developed standard implementation guides for eight common clinical documents using HL7's Clinical Document



Architecture (CDA). In 2011, Health Story worked with HL7 and IHE under the umbrella of ONC's Standards & Interoperability Framework to consolidate those guides along with the HL7 CCD standard into one implementation package. The package of clinical documentation standards is available for implementation today and is a recommended standard for clinical documents in the proposed rule supporting Meaningful Use Stage 2.

The standardization and adoption of these electronic documents unlocks the valuable data from narrative documents and will enlarge and enrich the flow of data into the electronic health record as well as speed the development of interoperable clinical document repositories for use within the enterprise and regional and national networks.

Does your system support the Health Story approach?

#### DATA STANDARDS

- » Consultation Note
- » History and Physical
- » Progress Note
- » Operative Note
- » Diagnostic Imaging Report
- » Discharge Summary
- » Procedure Note
- » Unstructured Documents
- » Vendor Requirements
- » Consolidation Project

## HEALTH-STORY DEMO HIMSS12

Demonstrating
Consolidated
CDA on the floor
at HIMSS12 & at
HIMSS GHIT this
week!







#### Session Overview

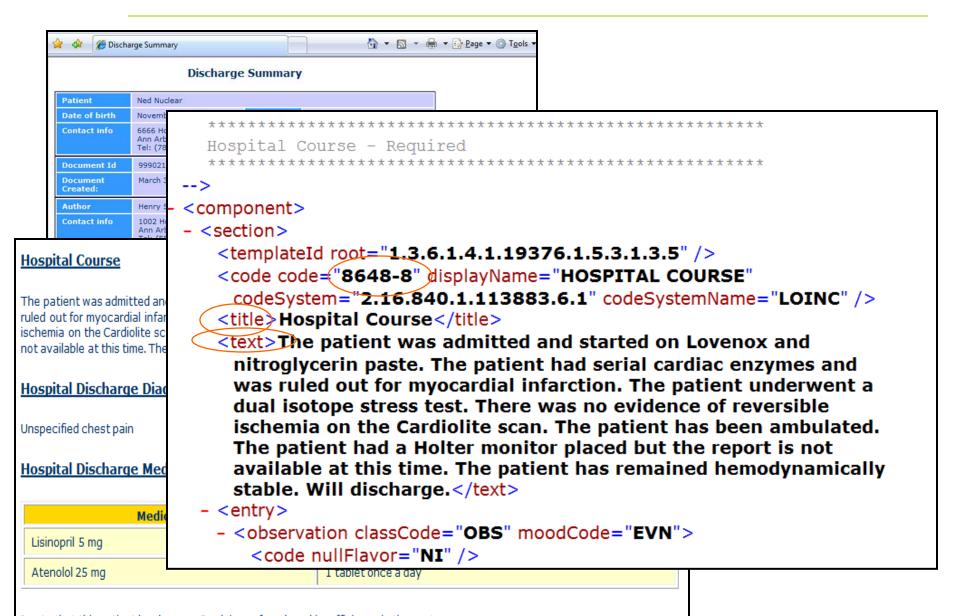
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#### There is Structure in All Dictated Notes





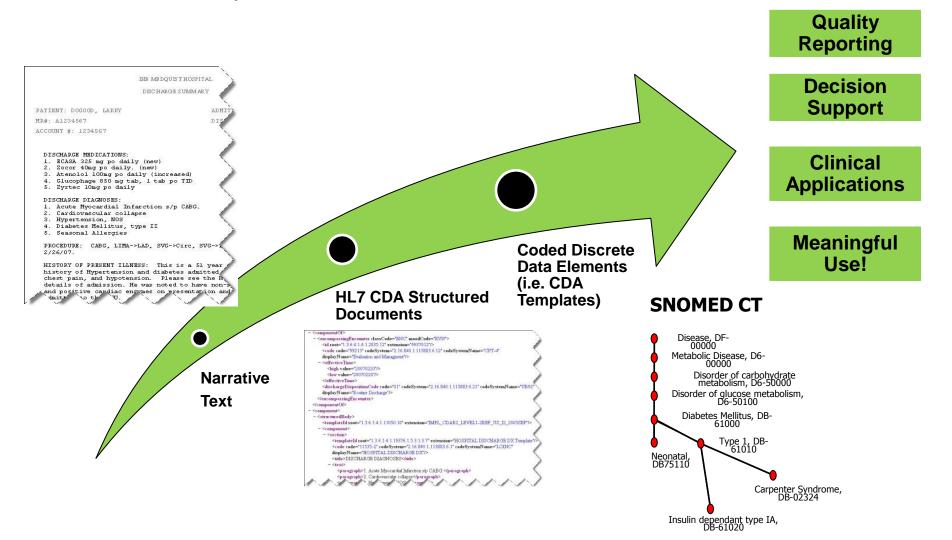
## Incrementalism Works for the Internet





## Health Story: Incremental Approach

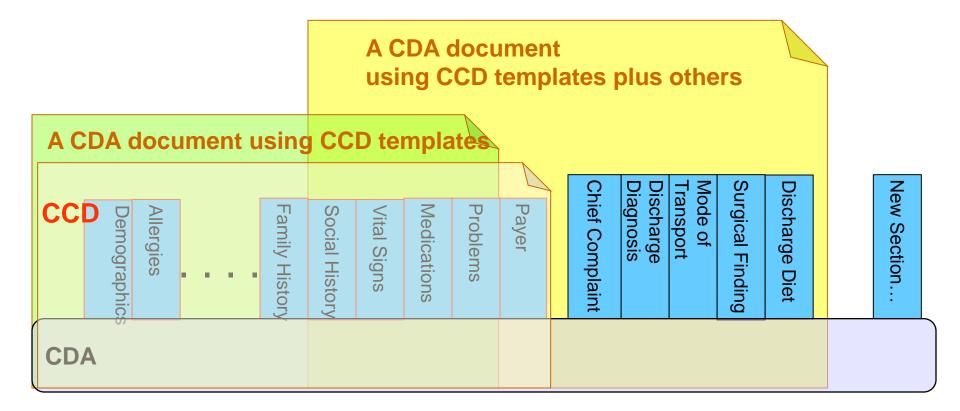
- 1. Get the data flowing, get the data flowing, get the data flowing.
- Incrementally add structure, where cost effective to do so.





## What are CDA templates?

- Many different kinds of documents.
- A bucket of reusable templates.





## Consolidated CDA Project Goals

- Update and harmonize C32 while addressing known issues (ambiguity, gaps, etc.)
  - Initially, those issues identified by ONC and required for Meaningful Use (MU) (open technical issues from HITSP, etc.)
  - Next, those reused in Health Story
  - 3. Finally, if time allows, full set of CCD/C32 templates
- Proof of concept for model-driven, structured tools supporting easy-to-use developer documentation AND implementation
- Pull in other HL7 and IHE documents, to create a single "all in one place" set of common clinical documents



## C-CDA: Key Participants





















Approximately 140 volunteers participating in weekly calls and offline work



#### Health Story + Templated CDA = C-CDA!

- Consolidated library of reusable CDA templates and common document types:
  - CCD
  - Consultation Note
  - **Diagnostic Imaging Report**
  - Discharge Summary
  - H&P
  - **Operative Note**
  - Procedure Note
  - **Progress Note**
  - Unstructured Document

CDAR2\_IG\_IHE\_CONSOL\_R1\_DSTU\_2011DEC



#### HL7 Implementation Guide for CDA® Release 2: IHE Health Story Consolidation, Release 1

(US Realm)

#### DRAFT STANDARD FOR TRIAL USE December 2011

Publication of this draft standard for trial use and comment has been approved by Health Level Seven, Inc. (HL7). Distribution of this draft standard for comment shall not continue beyond 24 months from the date of publication. It is expected that following this 24 month period, this draft standard, revised as necessary, will be submitted to a normative ballot in preparation for approval by ANSI as an American National Standard. This draft standard is not an accredited American National Standard. Suggestions for revision should be submitted at http://www.hl7.org/dstucomments/index.cfm

Produced in collaboration with







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## Consolidated CDA → Meaningful Use

Meaningful Use	Health Story Interoperability Strategy
✓	Delivers common clinical documents to the point of care
<b>✓</b>	Standardizing document types and sections today makes it easier to agree on data elements tomorrow
<b>✓</b>	Incrementally adding key data elements into narrative is attractive to clinicians
<b>✓</b>	Partial structuring and knowledge of underlying model facilitate NLP

#### **Health Story's path to Meaningful Use**

- Hit the ground running with basic CDA, to meet the needs of front line clinicians
  - Incrementally layer discrete data elements into CDA documents





## 1. Document originators

- MU Stage 1: CCD/HITSP C32
- 2. MU Stage 2 NPRM:
  - Consolidated CCD
  - Consolidated Discharge Summary
  - Other CDA document types as "level 0-1-2 +"

## 2. Document recipients

- MU Stage 1: Display CCD/C32
- MU Stage 2 NPRM: Display all; Incorporate and use templated information for Decision Support



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#### Let's Collaborate!

- Implement: C-CDA & Health Story Approach
- Test: IHE Connectathon (Jan 28-Feb 2, 2013)
  - Consolidated CDA testing
  - Originators & Recipients
- Demonstrate: Health Story HIMSS Showcase (March 3-7, 2013)
- Influence: Health Story Membership



### **HIMSS EHR Association**

#### Let's Collaborate!

- Organization affiliation
- Strategic collaboration
- Participate in, support HIMSS13 Showcase
- Other



Q&A



## Health Story Project Members

#### **Organization Affiliates**













#### **Promoters**











#### **Contributors**

Canon U.S.A. - Scribe Healthcare Technologies

#### **Participants**

Apixio - Arrendale Associates - BayScribe - ChartLogic Documentation Services Group - Emdat - eMTS - Healthwise InfraWare - InterFix - Mediscribes - NEMT - Phoenix Medcom MedEDocs - MEDfx - Physicians Medical Group of Santa Cruz County St. John's Regional Medical Center