

The Road to Meaningful Use: An Alternate View

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> HIMSS13 Interoperability Showcase Tuesday, March 5, 2013 11:30 AM – 12:00 PM Session IS20

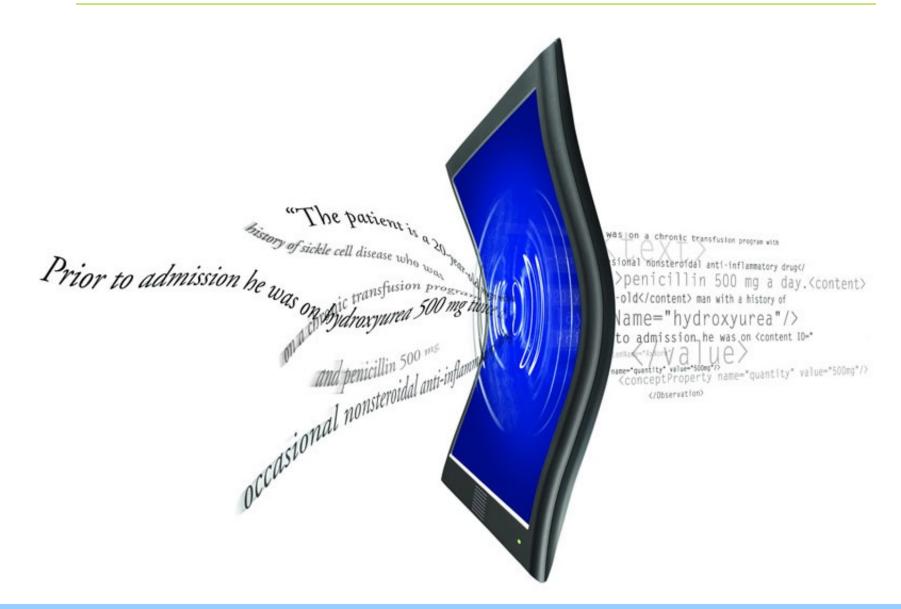


Meaningful Use?





Meaningful Use!



EXECUTIVE SUMMARY



Health Story Strategy

Big data, incrementally structured



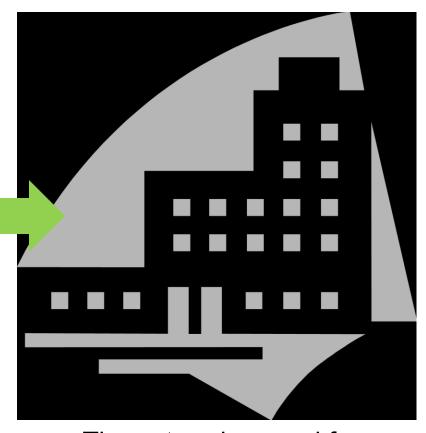
THE CHALLENGE



The Health Story Challenge



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

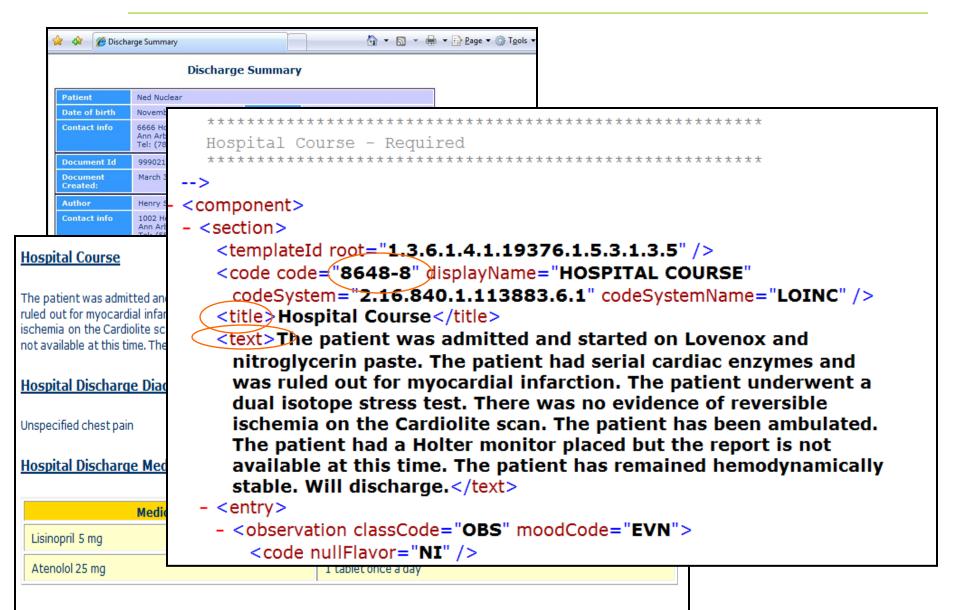


The enterprise need for structured and coded information capture to support meaningful use

THE SOLUTION



There is Structure in All Clinical Notes





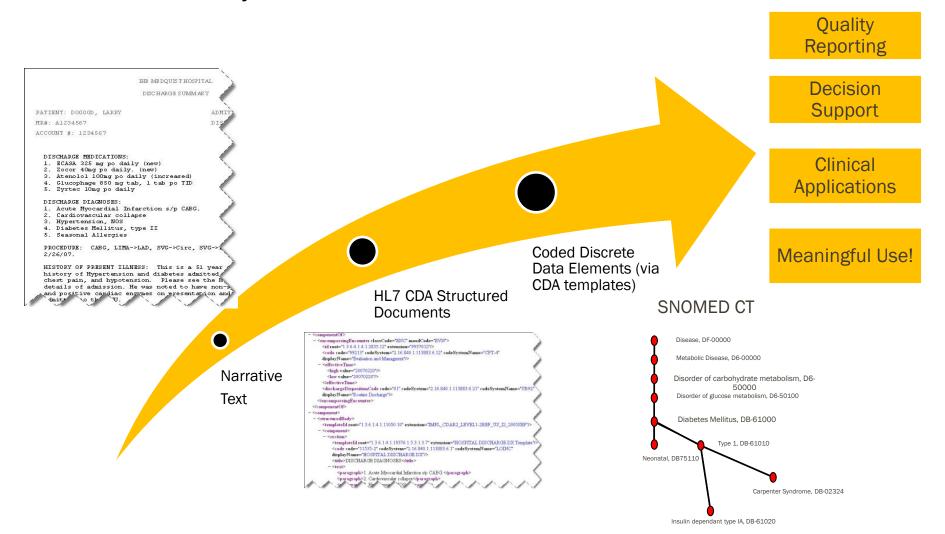
Incrementalism Works for the Internet





HL7 CDA: Incrementalism

- Get the data flowing, get the data flowing, get the data flowing
- Incrementally add structure, where valuable to do so

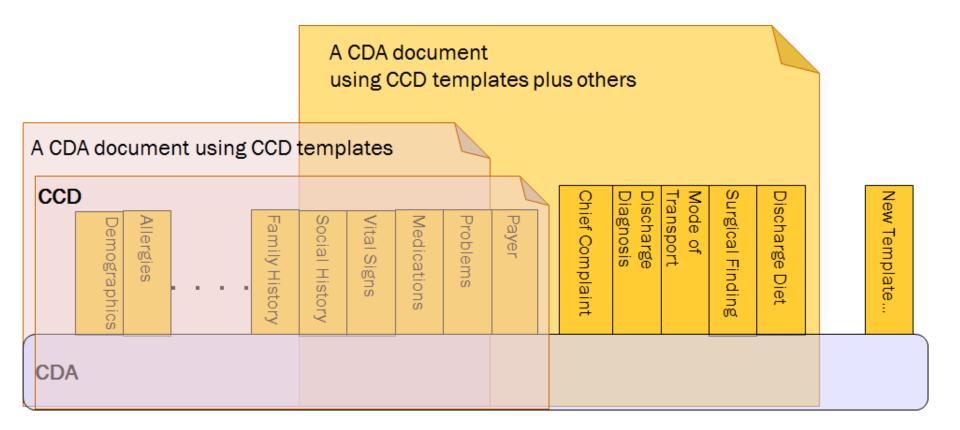




Templated CDA

Many different kinds of documents.

A bucket of reusable templates.

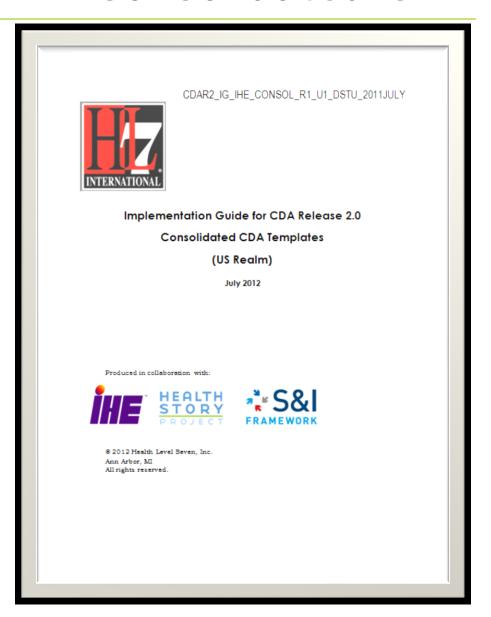




Consolidated CDA

Many different kinds of documents:

- CCD
- Consultation Note
- Diagnostic Imaging Report
- Discharge Summary
- H&P
- Operative Note
- Procedure Note
- Progress Note





Health Story → Meaningful Use

Meaningful Use	Health Story Interoperability Strategy
✓	Delivers common clinical documents to the point of care
✓	Standardizing document types and sections today makes it easier to agree on data elements tomorrow
✓	Incrementally adding key data elements into narrative is attractive to clinicians
✓	Partial structuring facilitates natural language processing

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

ABOUT THE HEALTH STORY SHOWCASE

HIMSS Health Story Project



- Non profit, industry alliance
- Founded 2007
- Associate Charter Agreement: HL7



- Sponsored HL7 standards for common clinical documents (8!)
- Member organizations provide direction
- New: Integration with HIMSS
- www.healthstory.com
- Leverages HL7 Clinical Document Architecture / templated CDA

Care Theme: Innovations

Health Story:
New Approaches for Coordinating
Long-Term and Cancer Care

Himss Interoperability Showcase

In collaboration with IHE

Use Case 17

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Himss Inter

Interoperability Showcases

In collaboration with Integrating the Healthcare Enterprise [IHE]



Care Theme: Innovations

Use Case 17: New Approaches for Coordinating Long-Term and Cancer Care

Primary Goal: Cancer care is complex and crosses institutional boundaries many times. This story illustrates how innovations in interoperability for oncology and long term care can coordinate care and improve patient safety.

Key Points: Standards

- HL7 Consolidated Clinical Document Architecture standard (C-CDA)
- DRAFT standards proposed for C-CDA:
 - Clinical Oncology Treatment Plan and Summary
 - sponsored by The American Society of Clinical Oncology (ASCO)
 - Surrogate EHR Environment (SEE) Transfer of Care Implementation Guide
 - sponsored by IMPACT (Improving Massachusetts Post-Acute Care Transfers), an ONC grant-funded project

Key Points: Tools

- Full spectrum of data capture from document imaging to speech understanding to light weight editor to Meaningful Use certified EHR to NLP
- Connectivity through secure messaging and health information exchange

Meaningful Use Relevance (MU Objectives):

- Improve care coordination
- Improve quality, safety, efficiency, and reduce health disparities

Interoperability Showcases

In collaboration with Integrating the Healthcare Enterprise [IHE]

STORY

Care Theme: Innovations

Use Case 17: New Approaches for Coordinating Long-Term and Cancer Care

Clinical Workflow:



1. PCP

- 2. Oncology, Surgery
- 3. Tumor Board
- 4. Visiting Nurse

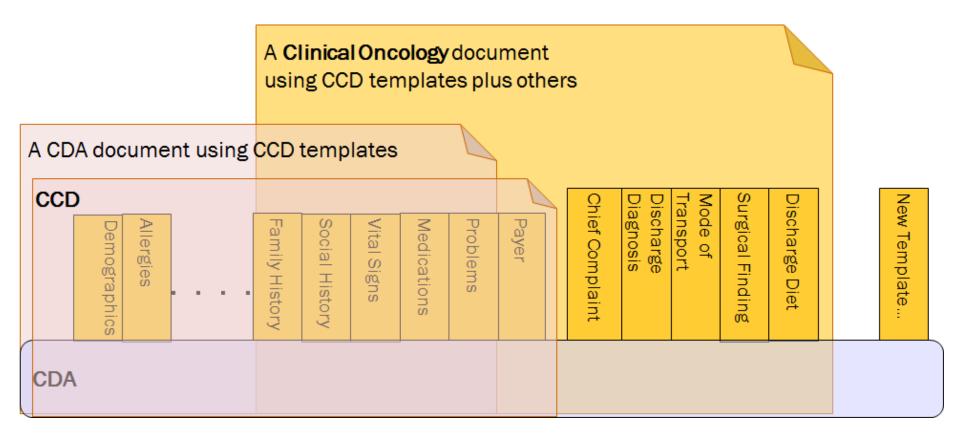
- 1. Patient visits PCP to review Mammogram Report.
- 2. Patient visits Surgeon, Oncologist; Diagnosis is made, surgery indicated, Mastectomy performed
- 3. Tumor Board reviews case and documents cancer treatment summary which is distributed to PCP and Home Health Agency
- 4. Visiting Nurse sees patient at home, uses prior documents and produces a Long Term Care Transfer Summary



Templated CDA Revisited

Many different kinds of documents.

A bucket of reusable templates.



THANK YOU!