HL7 C-CDA
Consolidated Clinical Document Architecture

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## HL7 C-CDA Resources

- Introduction
- C-CDA R2.1 Companion Guide
- C-CDA implementation-a-thon(s)
- Relevant and Pertinent
- C-CDA Rendering Tool Challenge
- CDA Example Search Facility
- “SITE” Validator & Scorecard
- C-CDA on FHIR IG
- CDA R2.1 Standard

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We come together to enable cost effective interoperability in the healthcare industry!
Introduction C-CDA

- The Consolidated Clinical Document Architecture IG

C-CDA Document Types

- Care Plan
- Consultation Note
- Continuity of Care Document
- Diagnostic Imaging Reports
- Discharge Summary
- History and Physical
- Operative Note
- Procedure Note
- Progress Note
- Referral Note
- Transfer Summary
- Unstructured Document
- Patient Generated Document

Volume 1 – Introductory Material
Volume 2 – Templates and Supporting Materials
C-CDA R2.1 Companion Guide

The new Companion Guide:

- Provides additional context to assist implementers and identify tools and resources
- Maps the common clinical data set (CCDS) to the appropriate C-CDA locations
- Provide guidance for meeting the 2015 Ed. CEHRT data requirements
- Includes clinically-valid examples of C-CDA components necessary to meet 2015 Ed. CEHRT requirements
- Recommends an approach to implementations using the C-CDA IG to meet the needs of clinicians and achieve ONC Certification
An informative document providing principles for development, and guidance on what information should and should not be present and appropriate in both entries and narrative content in an automatically generated clinical summary.

- **Chapter 1 – Introduction**
- **Chapter 2 – Executive Summary**
- **Chapter 3 – Method (surveys)**
- **Chapter 4 – Results, Interpretation, and Recommendations**
- **Chapter 5 – Conclusions**
- **References, Glossary, and Appendix**
C-CDA Implementation-a-thons

- Jan. 7-8 2016
- Sept. 15-16 2016
- Jan. 12-13 2017

Homework Scenarios
Companion Guide
C-CDA Scorecard
VSAC for Value Sets
Current Challenges
Ask the ONC

- EHR Vendors
- Consultants
- HL7 Co-chairs
- ONC Staff
- Others…

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Enable clinicians to efficiently review patient data

First place winner:
The Intelsoft C-CDA Viewer, developed by: Bryn Lewis, PhD, Principal Software Development Consultant, Intelsoft
https://github.com/brynlewis/C-CDA_Viewer

Second place winner:
Patient Insight, developed by: Will Tesch, CEO, HealthLX inc.
https://github.com/healthlx/HL7Challenge.git

Here is a view of the winning entry!
Watch a two-minute demo
Demo of Clinician Notes
CDA Example Task Force

SDWG formed the CDA template example task force to collect and share samples. The task force developed a process with SDWG to receive approval for samples.

This new search tool should make it easier to find and access the Office HL7 CDA Example Samples

http://hl7-c-cda-examples.herokuapp.com/
This Implementation Guide defines a series of FHIR profiles on the Composition resource to represent the various document types in C-CDA. This release does not directly map every C-CDA template to FHIR profiles, but rather tries to support the C-CDA use case using U.S. Core FHIR profiles.

U.S. Core FHIR Implementation Guide (IG)

Data elements, extension, and terminology used are based on the ONC 2015 Edition Common Clinical Data Set (CCDS).
The CDA R2.1 Standard

- Adds extensions in use
- Enables tables in tables
- Supports digital signatures
- Improved documentation
- Improved semantic capabilities

CDA R2.0 → CDA R2.1

The CDA R2.1 Standard

- May Ballot for Comment
- Sept/Jan Normative Ballot

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C-CDA DEMOs

- Standards
- CDA Viewers
- Sample Search
- SITE Validator
- SITE Scorecard
  - Additional demo’s located in the FHA Interoperability Showcase located at HALL F, Booth 9000.
QUESTIONS?