

# SMART C-CDA COLLABORATIVE VENDOR CHARTER

## Introduction

With support from ONC, the SMART Platforms team at Harvard is working with Lantana Consulting Group to address and improve the interoperability of C-CDA based data exchange. Together, we will analyze real world C-CDA examples from leading health technology vendors and propose solutions to improve data fluidity and use in SMART applications.

Your participation will achieve goals for improving healthcare interoperability by:

- Discovering simpler methods for generating and processing C-CDA documents
- Improving and influencing next-generation C-CDA standards

This charter defines the levels of engagement, project scope and organization, communication plan and funding source for the project.

## Levels of Vendor Engagement

All organizations are required to engage in Level 1 activities as described below if they are a producer of C-CDA documents. Levels 2 and 3 are optional, yet strongly encouraged.

**Level 1:** Share documents by submitting EHR or Health IT generated C-CDA samples that include data in seven key domains included in MU2 care transition summaries, namely: Demographics Problems, Medications, Allergies, Vital Signs, Laboratory Results and Smoking Status. C-CDA samples should not contain protected health information.

**Benefits of Participation:** Distribution of domain analysis results

**Level 2:** Share feedback on the domain analysis and proposed solutions for reducing and accommodating variability across C-CDAs. Candidate solutions will be vetted with participants to determine practical/best practice ways to guide implementation and development.

**Benefits of Participation:** Improving and influencing next-generation C-CDA standards and other proposed interoperability solutions.

**Time required for participation:** Approximately 2 hours per week beginning the week of July 15<sup>th</sup> through mid-September

**Level 3:** Pilot identified solutions for reducing or accommodating variability across C-CDAs. Compliant C-CDA export documents can fuel SMART apps including:

- a. [Cardiac Risk Profile Tool](#)
- b. [Medication Reconciliation](#)

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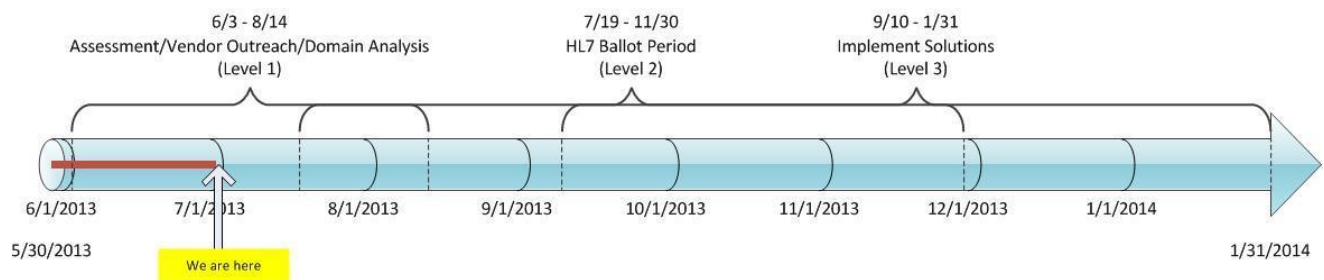
- c. [Blood Pressure Visualization](#)
- d. [Pediatric Growth Charts](#)

**Benefits of Participation:** Discovering and implementing simpler methods for generating and processing C-CDA documents. Capability to integrate with SMART C-CDA based medical apps.

**Time required for participation:** Open ended commitment to participate in implementation and integration with SMART-based medical applications

## Timelines

The timelines in the diagram below map to the levels of engagement discussed in previous section



## Communication

### Guidelines for Sharing C-CDA Samples

Vendors should follow the following guidelines while sharing their C-CDA samples:

- **No identifiable protected health information (PHI) should be shared.**
- C-CDA is the preferred format for sharing per Meaningful Use Stage 2 rules. If C-CDA format is not available, contact the Lantana team for further instruction.
- The CCD (Continuity of Care Document, preferably CCD 1.1) sample is preferred as it would contain data for the seven requisite domains. If another C-CDA document type is all that a vendor can share, this is acceptable.
- Sharing a single document (e.g. CCD 1.1) is the minimum requirement but vendors are strongly encouraged to share multiple samples with different data in order to increase the breadth of real-world samples which can be analyzed.

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## Sample Submission Process

- Vendors shall submit documents through the following page: <http://bit.ly/contribute-ccda>
- Each vendor shall be required to affirm that each sample it submits does not contain PHI
- Choice on the level confidentiality will be made during submission of sample

## Communication & Group Conference Calls

Beginning the week of July 15th, a biweekly group conference call will be organized for participants of the SMART C-CDA Collaborative. This will be an opportunity for Level 2 engagement where feedback can be shared regarding the domain analysis and proposed solutions.

## Use of Vendor Samples

Vendor samples will be utilized for the immediate goals of this project. Various results of this project are also likely to inform future C-CDA HL7 balloting, documenting of other technological approaches and proposals to improve interoperability.

## SMART C-CDA Collaborative Scope

### In-Scope

We will focus on structured data in the following seven domains:

- Demographics
- Problems
- Allergies
- Medications
- Lab Results (as in 'Results' section)
- Vital Signs
- Smoking Status (as in 'Social History' section)

### Out-of-Scope

- Other XML-based templates (e.g. QRDA) and other data interoperability formats
- Additional C-CDA domains in vendor samples, if present, will not necessarily be analyzed

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## Project Organization

The project organizers in this project are ONC, SMART Project Team and Lantana Consulting group. This section describes the key roles supporting the project.

<b>Name &amp; Organization</b>	<b>Project Role</b>	<b>Project Responsibilities</b>
Dr. Kenneth Mandl , SMART Dr. Isaac Kohane, SMART	Project Sponsor	Person responsible for acting as the project's champion and providing direction and support to the team. In the context of this document, this person approves the request for funding, approves the project scope represented in this document, and sets the priority of the project relative to other projects in his/her area of responsibility.
Avinash Shanbag, ONC	Government Monitor	Government participates as an interest party and may provide the guidance to the project team and the project sponsor
Rachel Ramoni, SMART Bob Dolin, Lantana	Project Executive (SMART and Lantana)	Person in management, often the Branch Chief or Division Director, who is responsible for the project in its entirety.
Sumesh Sundareswaran, Lantana	Project Manager (SMART and LANTANA PMs)	Person who performs the day-to-day management of the project and has specific accountability for managing the project within the approved constraints of scope, quality, time and cost, to deliver the specified requirements, deliverables and customer satisfaction.
Josh Mandel, SMART John D'Amore and Ashley Swain, Lantana	Technical Steward	Person who is responsible for the technical day-to-day aspects of the system including the details of system development. The Technical Steward is responsible for providing technical direction to the project.

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## Funding

The project is funded and monitored by ONC.

## Submission & Confidentiality Preference

As part of participating in the Collaborative, participants should acknowledge that there is no Personal Health Information (PHI) sent with the C-CDA Samples

Participation includes three levels of sharing regarding C-CDA submission. These are outlined on the submission website: <http://bit.ly/contribute-ccda> for selection when submitting a C-CDA sample.

For any question regarding the SMART C-CDA Collaborative, please feel free to contact Sumesh Sundareswaran (sumesh.sundareswaran@lantanagroup.com, 706.250.0457) or John D'Amore (john.damore@lantanagroup.com, 917.733.3735).