eCare Plan Home

Announcements

Welcome to the e-Care Plan for People with Multiple Chronic Conditions (MCC) Project Page

The eCare Plan for People with Multiple Chronic Conditions Project participated in HL7 FHIR Connectathon 26

- The eCare plan FHIR IG, provider and patient facing app was tested at the HL7® FHIR® Connectathon 26 January 13-15, 2021
- Visit the Care Coordination Track proposal to view presentations and track light: 2021-01 Care Coordination Track

The eCare Plan for People with Multiple Chronic Conditions Project participated in their first connectathon

- The eCare plan FHIR IG was tested for the first time at the HL7® FHIR® Connectathon 25 September 9-11, 2020
- To view the track proposal page recording and presentation click here

To follow join our FHIR IG development meetings please follow the link here

To hear an overview of the project visit the link here to download our powerpoint click MCC eCare Plan Overview 20200624 Final (1).pptx

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Overview

This project will involve the development of an open-source SMART on FHIR-based electronic (e-)care plan application to enable clinicians to better manage patients with MCC, including chronic kidney disease (CKD), type 2 diabetes (T2D), cardiovascular disease (CVD), pain and opioid use disorder (OUD). The application will be developed to align with emerging industry standards with the goal of creating publicly available, scale-able artifacts and services that could be used nationwide.

Project Purpose

The Development of a SMART on FHIR e-Care Plan application, implementation guide and clinical information models for persons with multiple chronic conditions.

> **Quick Links**
>
> Project Deliverables
>
> HL7 MCC eCare plan page
>
> The Electronic Long-Term Services and Supports (eLTSS) FHIR Implementation Guide
>
> Cardiovascular Disease (CVD) Domain
>
> Pain with Opioid Use Disorder (OUD) Domain
>
> Type 2 Diabetes Mellitus (T2DM) Domain
>
> NIDDK Chronic Kidney Disease eCare Plan Project

Project Objectives

- Develop & test a SMART on FHIR e-care plan application
  - Create clinical information models (CIM) using existing CKD data elements & standards
  - Develop e-care plan application and implementation guide (IG) for point of care data review/entry
  - Implement & evaluate the e-care plan application in diverse clinical settings in patients with MCC, including CKD
- Establish an e-care plan repository and development collaborative
- Expand the draft e-care plan application & IG to include cardiovascular disease (CVD), type 2 diabetes & chronic pain
  - Expand the CKD data elements & CIMs to consider additional conditions
  - Revise e-care plan application & IG to incorporate expanded DESS and pilot test feedback.
- Disseminate all project deliverable through open source channels

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Project Goals

- Promote the interoperable collection, use, and sharing of comprehensive, person-centered health and social data across settings;
- Facilitate coordinated, person-centered care planning approaches that integrate the full care team (including the patient) across settings; and
- Build data capacity to conduct pragmatic Patient Centered Outcomes Research (PCOR).

Upcoming MCC eCare plan WorkGroup Meetings

All upcoming MCC eCare plan HL7 workgroup meeting dates and information can be found here

To get the information from the June 24th Stakeholder kick-off please follow the link here

Project Deliverable Timeline

Deliverable	Description	Expected Start	Expected End	Status	Link
MCC Clinical Information Model for CKD	Clinical concept with identified and specified data elements, attributes, vocabularies, and FHIR mappings that will enable standardized transfer of CKD data across health settings	Q4 2019	Q2 2020	Complete	MCC Clinical Information Model (CIM) Analysis and Development
MCC Clinical Information Model for CVD, T2D, and OUD	Clinical concept with identified and specified data elements, attributes, vocabularies and FHIR mappings that will enable standardized transfer of CVD, T2D, OUD data across health settings	Q2 2021	Q3 2022	Planned	Link will be posted at a future date
SMART on FHIR App	An open-source clinician and patient facing SMART on FHIR-based e-care plan application for managing persons with MCC	Q2 2020	Q3 2021	In Progress	Patient and clinician facing app MccCareplan
Pilot Lessons Learned	A report that documents the results from testing the SMART on FHIR application including lessons learned and recommended app updates.	Q2 2021	Q3 2022	Planned	Link will be posted at a future date
Implementation Guide	An HL7 implementation guide for the SMART on FHIR application	Q2 2020	Q3 2020	In Progress	HL7 MCC eCare plan FHIR IG page

Upcoming Testing Opportunities

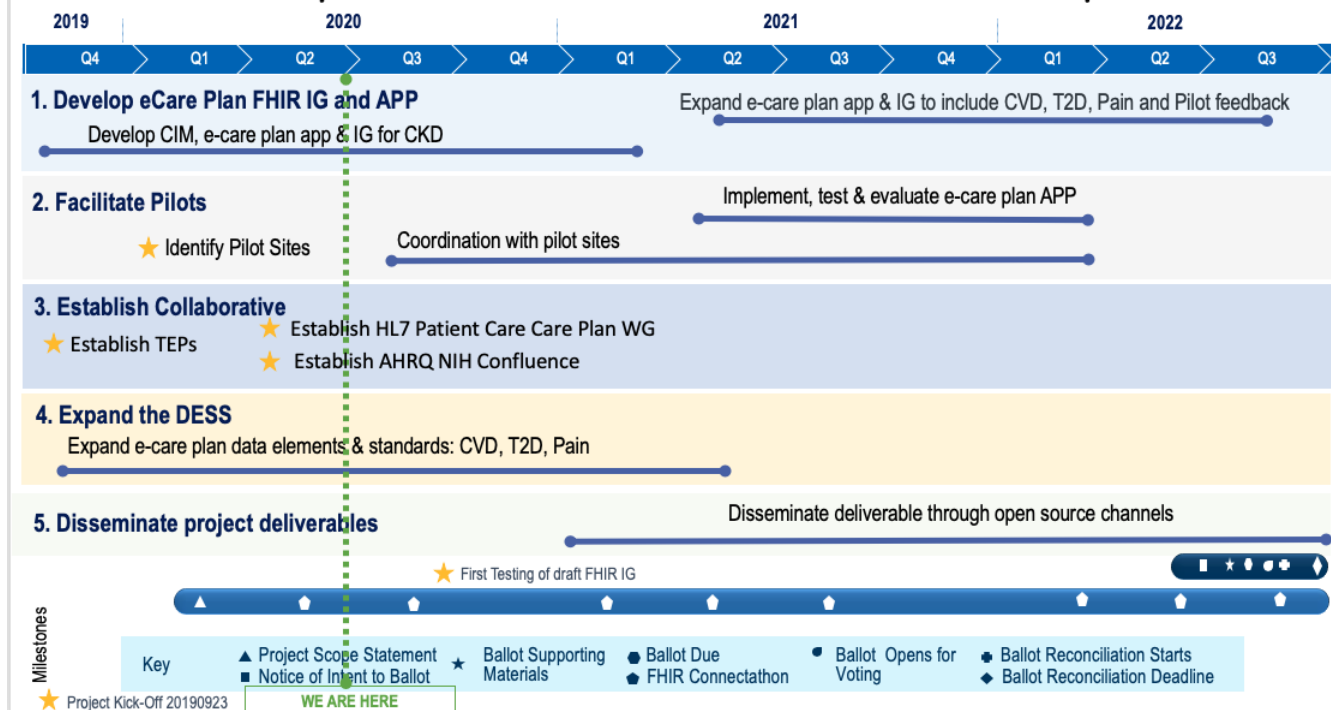## Join the eCare Plan Project at the January 2021 HL7® FHIR® Connectathon 26 in January 13 - 15 2021

- Care Coordination Track now available: 2021-01 Care Coordination Track
- The Care Coordination Track will be on December 9, 2020 from 5-6 PM ET
  - **Call Info: Phone: +1 669 900 6833 US (San Jose), +1 929 436 2866 US (New York) Meeting ID: 532 857 1160**
  - **Webmeeting Info: https://zoom.us/j/5328571160**
- **To learn more about the tracks being offered, register for the FREE Connectathon 26 Track Overview Session on Tuesday, December 8 at 4 pm ET.**

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MCC Project RoadMap

Multiple Chronic Conditions eCare Plan Roadmap

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