eCare Plan Home

Announcements

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

We are seeking **implementers or organizations** to participate in the Care Coordination track that will be hosted by the AHRQ/NIDDK eCare plan for individuals with Multiple Chronic Conditions Project. We strongly encourage EHR and HIE participation to help us test and validate these FHIR specifications.

The MCC eCare plan project plans to kick-off Connectathon Planning meetings call August 3, 2020.

- **Click here to sign up to participate in the Care Coordination track and receive and invite for the kick-off meeting**.

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

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

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).
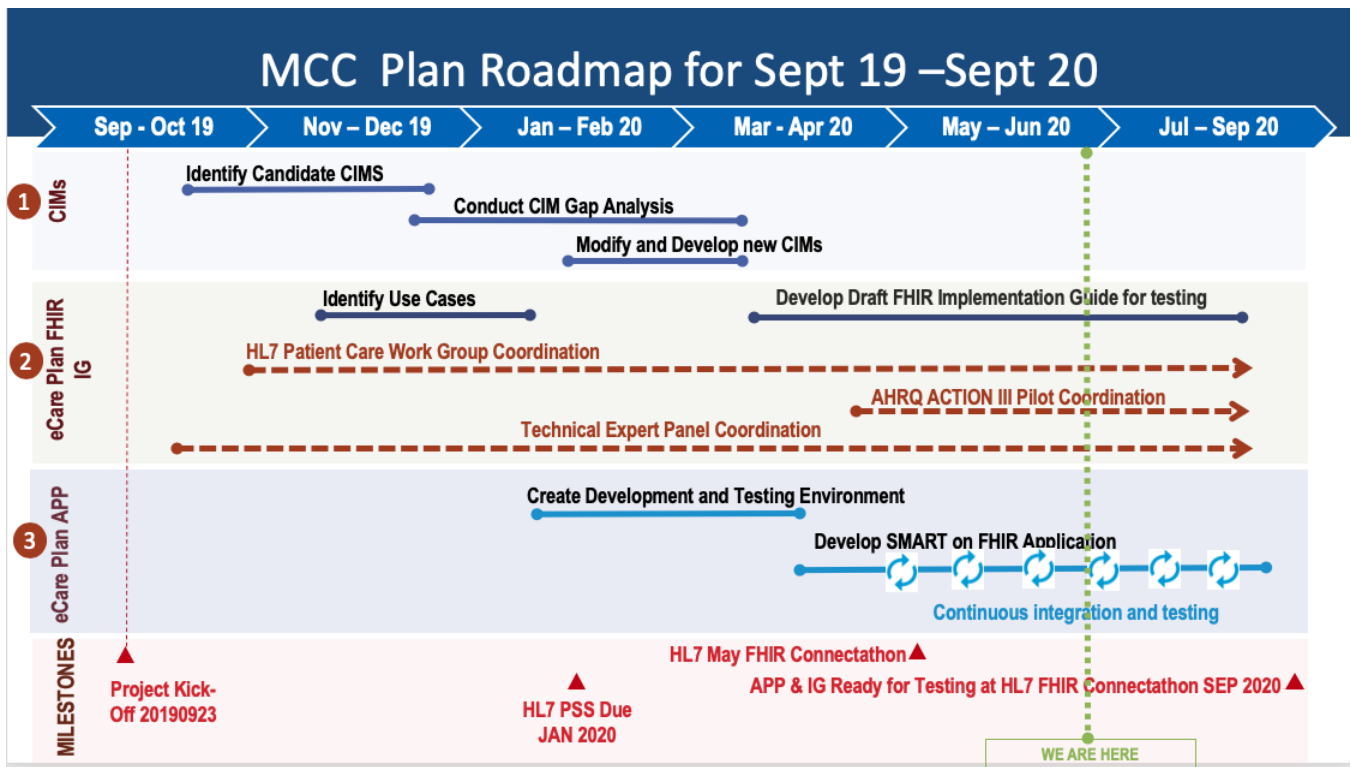
Upcoming MCC eCare plan WorkGroup Meetings

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-facing, SMART on FHIR-based e-care plan application for managing persons with MCC	Q2 2020	Q3 2021	In Progress	Link will be posted at once development starts
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 page

MCC Plan Roadmap for Sept 19 – Sept 20

Upcoming Testing Opportunities

The MCC eCare plan project plans to test at the HL7 Virtual FHIR Connectathon 25 September 9-11 2020.

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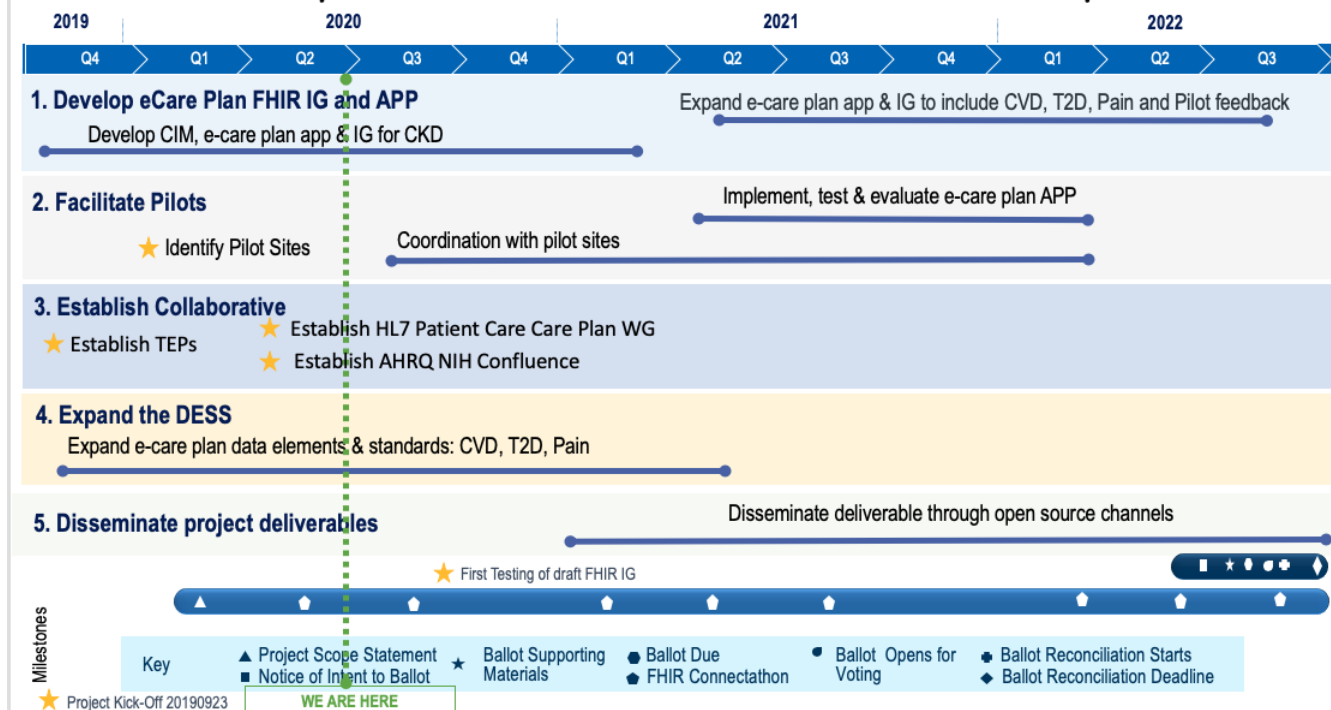
- **Click here to sign up for Care Coordination track participation**.

Tentative schedule

Date	Meeting Materials
August 03, 2020	Care Coordination track planning kick-off. Register for event and Care Coordination track
August 17, 2020	MCC SMART on FHIR App, Develop composite persona, finalize scenario and scene breakdown, and develop draft Care Plan.
August 24, 2020	Develop test scripts. Confirm participation and track plan documentation.
August 31, 2020	Address emerging details, testing needs/assumptions, and track logistics. Conduct pre-Connectathon testing
September, 9, 2020	**Connectathon Testing Sept. 9th to 11th**

MCC Project RoadMap

Multiple Chronic Conditions eCare Plan Roadmap

2019 | **2020** | **2021** | **2022**

Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3

1. Develop eCare Plan FHIR IG and APP
Develop CIM, e-care plan app & IG for CKD
Expand e-care plan app & IG to include CVD, T2D, Pain and Pilot feedback

2. Facilitate Pilots
★ Identify Pilot Sites
Coordination with pilot sites
Implement, test & evaluate e-care plan APP

3. Establish Collaborative
★ Establish TEPs
★ Establish HL7 Patient Care Care Plan WG
★ Establish AHRQ NIH Confluence

4. Expand the DESS
Expand e-care plan data elements & standards: CVD, T2D, Pain

5. Disseminate project deliverables
Disseminate deliverable through open source channels

★ First Testing of draft FHIR IG

Milestones

Key
▲ Project Scope Statement
■ Notice of Intent to Ballot
★ Ballot Supporting Materials
● Ballot Due
⬠ FHIR Connectathon
▪ Ballot Opens for Voting
⬗ Ballot Reconciliation Starts
◆ Ballot Reconciliation Deadline

★ Project Kick-Off 20190923
WE ARE HERE

Project Contacts

Name	Title	Organization	Email
Jenna Norton	NIDDK Lead	NIH	jenna.norton@nih.gov
Saadia Miran	NIDDK PM	NIH	saadia.miran@nih.gov
Arlene Bierman	AHRQ Lead	AHRQ	Arlene.Bierman@ahrq.hhs.gov
Janey Hsiao	AHRQ Health Research Lead	AHRQ	Janey.Hsiao@ahrq.hhs.gov
Steve Bernstein	AHRQ Technical Lead	AHRQ	Steve.Bernstein@ahrq.hhs.gov
Tom Hicke	Cognitive PM	Cognitive Medical Systems	thicke@cognitivemedicine.com
Saira Haque	RTI Pilot Lead	RTI	shaque@rti.org
Alexa Ortiz	RTI Pilot PM	RTI	amortiz@rti.org
David Dorr	RTI Pilot- OHSU Site Lead	OHSU	dorrd@ohsu.edu