CY 2023 Real World Testing Plan for MedicaSoft ehr.NXT HealthCenter

Executive Summary

This is the real world test plan for CY 2023 for MedicaSoft's ehr.NXT HealthCenter Personal Health Record, version 4.1.0.

General Information

Developer Name	MedicaSoft
Product Name	ehr.NXT HealthCenter
Version Number	4.1.0
CHPL ID	15.15.04.04.1930.eHTC.04.00.0.190312
Developer Real World Testing Page URL	www.medicasoft.com/s/test-plan-healthcenter.pdf

Justification for Real World Testing Approach

Consistent with the ONC's recommendation that "Real World Testing verify that deployed Certified Health IT continues to perform as intended by conducting and measuring observations of interoperability and data exchange", this test plan focuses on capturing and documenting usage of the HealthCenter Personal Health Record in use cases that reflect actual end user experience in realistic settings.

The HealthCenter PHR is used to engage patients in their care by providing access to their health records, and to provide tools for secure communication between patients and providers. As such, the Real World Test Plan applies to the patient engagement care setting. The following criteria will be tested:

- 170.315(e)(1) View, Download, Transmit to 3rd party
- 170.315(h)(2) Direct Project, Edge Protocol, and XDR/XDM,
- 170.315(g)(7) Application access - patient selection,
- 170.315(g)(8) Application access - data category request, and
- 170.315(g)(9) Application access - all data request.

In order to test without interfering with production instances and end user Personal Health Information, we will use non-production test environments of customer instances and test patient data. For tests involving API calls, we will use the Postman API tool to demonstrate the operation of the API.

Standards Updates

The ehr.NXT HealthCenter product has not participated in SVAP prior to August 31, 2021; we have no data to include in this section of the Real World Test Plan.

Care Setting

Care Setting	Justification
Patient Engagement	HealthCenter is used by providers or aggregators of health records, as a method of engaging patients in their care by providing access to current health records, capabilities for understanding those records, and tools for communicating with providers.

Expected Outcomes

Measurement/Metric	Expected Outcomes
170.315(e)(1) View, download, transmit to a 3rd party	Using reports generated from production deployments of the HealthCenter PHR during the month of February, we will identify patients who have viewed, downloaded, or transmitted their health information. We expect that at least 10 different patients will view, download, or transmit health data during February.
170.315(h)(2) Direct Project, Edge Protocol, and XDR/XDM	Using reports generated from production deployments of the HealthCenter PHR during the month of February, we will identify patients who have sent or receive Direct Secure Messages. We expect that at least 5 different patients will send/receive Direct Secure Messages.
170.315(g)(7) Application access - patient selection	The HealthCenter PHR application uses the patient selection capability of the FHIR API when accessing health data for each patient account. Each successful login to the PHR demonstrates a successful patient selection. Using reports generated from production deployments of the PHR during the month of February, we will identify successful logins. We expect that at least 10 different patients will log in, demonstrating successful patient selections.
170.315(g)(7) Application access – data category request	The HealthCenter PHR application uses the data category request capability of the FHIR API when accessing health data for display in the PHR dashboard. Each viewing of health data in the PHR demonstrates a successful

	data category request. Using reports generated from production deployments of the PHR during the month of February, we will identify patient views of health data. We expect that at least 10 different patients will view health data, demonstrating successful data category requests.
170.315(g)(7) Application access – all data request	The HealthCenter PHR application uses the all data request capability of the FHIR API to load data for the patient dashboard upon login to a patient PHR account. Each successful login to the PHR demonstrates a successful all data request. Using reports generated from production deployments of the PHR during the month of February, we will identify successful logins. We expect that at least 10 different patients will log in, demonstrating successful all data requests.

Schedule of Key Milestones

Key Milestone	Care Setting	Date/Timeframe
View, Download Transmit testing	Patient Engagement	February 2023
Direct Secure Messaging testing	Patient Engagement	February 2023
Application Access testing	Patient Engagement	February 2023

Attestation

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