



GENERAL INFORMATION

Plan Report ID Number: [For ONC-Authorized Certification Body use only]

Developer Name: PatientKeeper

Product Name(s): PatientKeeper

Version Number(s): PatientKeeper v9.2

Certified Health IT Product List (CHPL) ID(s): 15.04.04.2142.Pati.92.010.20012

Developer Real World Testing Page URL:

<https://www.commure.com/real-world-testing>

JUSTIFICATION FOR REAL WORLD TESTING APPROACH

PatientKeeper intends to conduct a series of Real World Testing (RWT) against its current (1) Clinical Information Reconciliation and Incorporation and (2) ePrescribing solutions; aimed at evaluating the usability of the current user interface and providing evidence of interoperability of the system under test. These tests will also serve to prove the solutions' compliance with required technical standards and vocabulary code sets.

Specific to the Clinical Information Reconciliation and Incorporation testing, only workflow related to Medication Reconciliation transactions will be incorporated. This is due to the fact that none of PatientKeeper's customer institutions have promoted the Problem Reconciliation and Allergy Reconciliation solutions to their provider end-users. As such, these components within PatientKeeper's EHR solution will be tested via an internal environment within PatientKeeper's domain and run against a set of synthetic patient data. PatientKeeper staff will execute the published ONC certification test scenarios for both Problem Reconciliation and Allergy Reconciliation.

PatientKeeper intends to focus its RWT within the Inpatient care setting as all Clinical Information Reconciliation and Incorporation and ePrescribing solutions are currently deployed within Inpatient care settings. The EHR environments will be the PatientKeeper clinical production environments for each participants' institution. The participants will be clinicians previously trained on PatientKeeper's Medication Reconciliation and ePrescribing solutions, but will not receive guidance nor assistance in the use of PatientKeeper during the RWT event.

The RWT event will involve no more than 10 clinical participants representing no more than 5 customer institutions running for no more than 2 consecutive hours for each participant.

In lieu of formal test scripts, the Medication Reconciliation and ePrescribing RWT events will rely on the participants' actual episodes of patient care. While these episodes will engage all facets of the PatientKeeper EHR, the focus of the RWT results reporting will be specific to the Medication Reconciliation and ePrescribing workflows.

The RWT results gathering and reporting will involve:

Audit reporting of each participants' Medication Reconciliation and ePrescribing transactions within the PatientKeeper EHR during the RWT event.



Visual recording of each participants’ interactions within the PatientKeeper EHR during the RWT event.

Results of the audit reports will be compiled and incorporated into a RWT Results Report. Screenshots from the visual recording may be included as additional reference, with all PHI being masked/hidden.

STANDARDS UPDATES (INCLUDING STANDARDS VERSION ADVANCEMENT PROCESS-SVAP AND USCDI)

NCPDP SCRIPT Standard Version 2017071

Certification Criteria	170.315(b)(3) Electronic Prescribing
CHPL ID	15.04.04.2142.Pati.92.010.20012
Method Used	Required standards update
ONC-ACB Notification	Drummond notified June 2021; DEA certification scheduled for December 2021
Conformance Measure	Surescripts Certification granted June 2021

C-CDA

Certification Criteria	170.315(b)(2) Clinical Information Reconciliation and Incorporations
CHPL ID	15.04.04.2142.Pati.92.010.20012
Method Used	Required standards update
ONC-ACB Notification	Pending (Due by May 2 2022)
Conformance Measure	Pending (Due by May 2 2022)

UCSDI v1

Certification Criteria	170.315(b)(2) Clinical Information Reconciliation and Incorporation
CHPL ID	15.04.04.2142.Pati.92.010.20012
Method Used	Required standards update
ONC-ACB Notification	Pending (Due by Dec 31 2022)
Conformance Measure	Pending (Due by Dec 31 2022)

ASTM E2147-18

Certification Criteria	170.315(d)(2) Auditable Events and Tamper-Resistance 170.315(d)(3) Audit Reports
CHPL ID	15.04.04.2142.Pati.92.010.20012
Method Used	Required standards update
ONC-ACB Notification	Pending (Due by Dec 31 2022)
Conformance Measure	Pending (Due by Dec 31 2022)

MEASURES USED IN OVERALL APPROACH

Audit Reporting

Description	PatientKeeper auditing tool capturing volume of criteria-centric workflow and clinical transactions performed by each participant
Criteria	170.315(b)(2) Clinical Information Reconciliation and Incorporation 170.315(b)(3) Electronic Prescribing

Justification	Evidence of certified criteria-centric workflows and transactions conducted within the PatientKeeper EHR with Real World patient records, care scenarios and production environments
Care Setting	Inpatient
Expected Outcome	Record a minimum of 20 Medication Reconciliation and ePrescribing transactions each across clinical production environments
Metrics	Record the following submission types for each transaction: (1) Total Submissions (2) Successful Submissions (3) Failed Submissions. These will be recorded and reported on via the Tracking and Reporting module that is native to the PatientKeeper v9.2 product

Visual Recording

Description	Visual recording of each participants' interactions within the PatientKeeper EHR during the RWT event
Criteria	170.315(b)(2) Clinical Information Reconciliation and Incorporation
Justification	Evidence of the certified criteria-centric workflows and transactions conducted within the PatientKeeper test environment with synthetic patient records
Care Setting	Inpatient
Expected Outcome	Record a minimum of 10 Allergy Reconciliation and Problem Reconciliation transactions each across the PatientKeeper test environment

CARE SETTING(S)

Care Setting	Justification
Inpatient	PatientKeeper intends to focus its RWT within the Inpatient care setting as all Clinical Information Reconciliation and Incorporation and ePrescribing solutions are currently deployed within Inpatient care settings. The EHR environments will be the PatientKeeper clinical production environments for each participants' institution.

SCHEDULE OF KEY MILESTONES

Key Milestone	Care Setting	Date/Timeframe
Solicit & Confirm Customer/Participant Participation in RWT Event <ul style="list-style-type: none"> No more than 10 Participants across no more than 5 Customer Institutions 	Inpatient	Q3 2024
Schedule & Execute RWT Event for each Customer/Participant <ul style="list-style-type: none"> No more than 2 hour RWT Event for each Participant 	Inpatient	Q4 2024

<ul style="list-style-type: none"> • Confirm requisite Performance Monitoring and Visual Recording toolsets are in place ahead of RWT Event • Conduct Participant Survey immediately after each RWT Session 		
<p>Compile RWT Results & Author RWT Results Report</p> <ul style="list-style-type: none"> • Report to include Survey Results (Likert-based scale), Performance Monitoring, Audit Reporting and possibly Screen Captures from Video Recording as applicable 	Inpatient	Q1 2025
<p>Submit RWT Results Report to ONC-ACB</p> <ul style="list-style-type: none"> • PatientKeeper to submit RWT Results Report to Drummond Group 	Inpatient	March 15, 2025

ATTESTATION

This Real World Testing plan is complete with all required elements, including measures that address all certification criteria and care settings. All information in this plan is up to date and fully addresses the Health IT Developer’s Real World Testing requirements.

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