

Real-World Test Plan Results

Physicians' Solution V 11.0

Version: 1.0

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GENERAL INFORMATION

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

Developer Name: MD Charts, LLC Product Name(s):

Physician's solution Version Number(s): 11.0

Certified Health IT Product List (CHPL) ID(s): 15.07.09.2479.PH01.11.01.1.230117

Developer Real World Testing Page [Real World Test Plans and Results \(mraemr.com\)](https://mraemr.com)

SUMMARY OF TESTING METHODS AND KEY FINDINGS

As part of the Real-World testing, we have used various testing methodologies like Test driven approach, Behavior-driven approach, and session-based approach to cover different kinds of patient workflows. The above methodologies covered small to large organizations, the type of settings, the volume of patient records, all components of the system, interoperability of records, and certified HealthIT modules which are mentioned below.

As part of the Real world testing, we have understood user behavior and based on that designed the test cases which will cover all the criteria.

Challenges:

Users didn't find any challenges while using the system for various activities. The system was smooth as per the design and all functionalities worked well.

Lessons learned:

There is a chance of improvement to make the functionalities with fewer clicks. Functionality wise everything looks fantastic.

STANDARDS UPDATES (INCLUDING STANDARDS VERSION ADVANCEMENT PROCESS (SVAP) AND UNITED STATES CORE DATA FOR INTEROPERABILITY (USCDI))

- Yes, I have products certified with voluntary SVAP or USCDI standards. (If yes, please complete the table below.
- **No, none of my products include these voluntary standards.**

Care Setting(s)

- Dermatology
- Cardiology
- Urology
- Gynecology
- Pediatrics
- internal medicine

Metrics and Outcomes

Measurement /Metric	Associated Criterion	Relied Upon Software	Outcomes	Challenges Encountered
Care Coordination	170.315(b)(1) Successful generation of complete CCDs by users		Refer RWT report	None
	170.315(b)(2) Clinical information reconciliation and incorporation with different CCD's		Refer RWT report	None
	170.315(b)(6) Data export tested successfully for various patient data		Refer RWT report	None
Clinical Quality Measures	170.315(c)(1)—record and export		Refer RWT report	None
	170.315(c)(2)—import and calculate completed successfully by importing patient data.		Refer RWT report	None
	170.315(c)(3)—report generated with the correct numerator, denominators		Refer RWT report	None
Patient Engagement	170.315(e)(1) View, download, and transmit to 3rd party tested via patient portals	NIST Internet Time Servers	Refer RWT report	None
Public Health	170.315(f)(1) - Transmission to immunization functionality tested		Refer RWT report	None
	170.315(f)(2) Transmission to public health agencies — syndromic surveillance functionality tested		Refer RWT report	None
	170.315(f)(5) Transmission to public health agencies — electronic case reporting functionality tested successfully.		Refer RWT report	None
	170.315(f)(6) Transmission to public health agencies — antimicrobial use and resistance reporting tested		Refer RWT report	None
	170.315(f)(7) Transmission to public health agencies — health care surveys tested	National Health Care Surveys (NHCS)	Refer RWT report	None
Application Programming Interfaces	170.315(g)(7) Application access— patient selection success for specific patients.		Refer RWT report	No API requests received
	170.315(g)(8) Application access— data category request		Refer RWT report	No API requests received
	170.315(g)(9) Application access— all data request		Refer RWT report	No API requests received
Electronic Exchange	170.315(h)(1) Direct Project	Data motion Direct project	Refer RWT report	None

REAL WORLD TESTING REPORT

No.	RWT Measures	Outcomes	Comments
Interoperability: [Care Coordination & Electronic Exchange]			
1.	No. of Care documents generated	22	
2.	No. of Care documents exported	3	
3.	No. of mails sent	12	
4.	No. of mails received	82	
5.	No. of care documents imported	4	
6.	No. of CCDs extracted to human-readable format	4	
7.	No. of CCDs reconciled	1	

No.	RWT Measures	Outcomes	Comments
Public Health			
<i>Immunization Registries</i>			
1.	No. of Patients handled in Immunization Registries	0	As there were no patients for immunization, test performed with test data.
<i>Syndromic Surveillance</i>			
1.	No. of Patients handled in Syndromic Surveillance	0	No real patient data. Tested with dummy patient data.
Patient Engagement			28 patients enrolled this year. They have accessed their portals 87 times by accessing their documents and communicating through the portal.
1.	No. of patients enrolled for portal	28	
2.	No. of times the Patient Portal is accessed	87	
3.	No. of documents viewed/added/downloaded	36	
4.	No. of patient communications from the portal	4	
Application Programming Interfaces			We reported no transactions here because we did not receive any API requests. Test performed with test data.
<i>All Data Request</i>			
1.	No. of API requests received	0	
2.	No. of API requests handled and responded	0	
<i>Data Category Request</i>			
1.	No. of API requests received	0	
2.	No. of API requests handled and responded	0	
<i>Patient Selection</i>			
1.	No. of API requests received	0	
2.	No. of API requests handled and responded	0	

Measure Id	Measure Name	Initial Population	Denominator	Denominator exclusion	Denominator exception	Numerator	Numerator exclusion
CMS 165	Controlling high blood pressure	34	32	0	0	21	0

Sr.	Task	Completed Successfully?	Completed in Time?	Time Deviation
1	Transitions of care - process of transferring a patient's care from one setting or level of care to another setting completed successfully	Yes	15mins	1 min
2	Clinical information reconciliation and incorporation - electronically processed structured CCDA information from another source such that it is combined.	Yes	22mins	None
3	Data export - creating an export summary as well as a set of export summaries for patients whose information is stored in the technology.	Yes	3mins	None
4	CQM record and export - user can export a data file formatted in accordance with HL7 QRDA Category I	Yes	5 mins	None
5	CQM import and calculate - user can import a data file formatted in accordance with HL7 QRDA Category I	Yes	3mins	None
6	CQM report - -- A user can create a data file for transmission of CQM data in QRDA Category I and III files	Yes	16 mins	None
7	View, download, and transmit to 3rd party Public Health - patients (and their authorized representatives) must be able to view, download transmit the CCD summary	Yes	8 mins	None
8	Transmission to immunization registries - user to request, access and display the evaluated immunization history and forecast from an immunization registry for a patient	Yes	23 mins	None
9	Transmission to public health agencies — syndromic surveillance - create syndrome-based public health surveillance information for electronic transmission to public health agencies create syndrome-based public health	Yes	3 mins	None

	surveillance information for electronic transmission to public health agencies			
10	Transmission to public health agencies — electronic case reporting – User can create a case report for electronic transmission.	Yes	4 mins	None
11	Transmission to public health agencies — antimicrobial use and resistance reporting	Yes	5 mins	None
12	Transmission to public health agencies — health care surveys - Create health care survey data for electronic transmission in compliance with all mandatory elements	Yes	3 mins	None
13	Application access— patient selection - API must be able to respond to requests for patient data	Yes	1 min	None
14	Application access— data category request - API must be able to respond to requests for patient data	Yes	1 min	None
15	Application access— all data request Electronic Exchange- API must be able to respond to requests for all patient data	Yes	3 mins	None
16	Direct Project - electronically transmit (send and receive) health information to a 3rd party in a protected format.	Yes	10 mins	None

KEY MILESTONES

Key Milestone	Care setting	Date/Timeframe
Collection of data as laid out in the above Real World Testing plan for care settings	All above	1/1/2022

Transition of care	Dermatology	1/24/2023
CMS 165 Summary report C3	Internal medicine	1/24/2023
Collection of Interoperability data	Dermatology	1/27/2023
Collection of Immunization Registry	Dermatology	12/5/2022
Collection of Patient Engagement data	Internal Medicine	12/8/2022
End of Real-World Testing period/final collection of all data for analysis	All above	01/30/2023