

Real-World Test Plan Results

Physicians' Solution V 11.0

Version: 1.0

Document creation Date: 01/05/2026

Created By: MD Charts LLC

Reviewed by: MD Charts LLC

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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)

Withdrawn Products:

Product Name: Physician's Solution

Physician's solution Version Number(s): 11

CHPL ID: 15.07.07.2479.PH01.01.00.1.191230

Date Withdrawn: January 18th, 2023

Data Inclusion: N/A; new CHPL ID issued.

SUMMARY OF TESTING METHODS AND KEY FINDINGS

Physician Solutions is required to conduct real-world testing of its health IT as mandated by the 21st Century Cures Act Final Rule. This testing encompasses the functionality and use cases included in the specified certification criteria under 45 C.F.R. § 170.315, to ensure interoperability as defined by the 2015 Edition Certification Criteria. As part of the Real-World testing, we have used various testing methodologies like Test driven approach, Behaviour-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 Health IT modules which are mentioned below.

As part of the Real-world testing, we have understood user behaviour 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:

None, functionality wise everything looks good currently.

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 were received
	170.315(g)(10) Standardized API for patient and population services		Refer RWT report	No API requests were received
	170.315(g)(9) Application access— all data request		Refer RWT report	No API requests were received

Electronic Exchange	170.315(h)(1) Direct Project	Data motion Direct project	Refer RWT report	None
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REAL WORLD TESTING REPORT

No.	RWT Measures	Outcomes	Comments
Interoperability: [Care Coordination & Electronic Exchange]			
1.	No. of Care documents generated	12	
2.	No. of Care documents exported	2	
3.	No. of mails sent	15	
4.	No. of mails received	4	
5.	No. of care documents imported	2	
6.	No. of CCDs extracted to human-readable format	6	
7.	No. of CCDs reconciled	2	

No.	RWT Measures	Outcomes	Comments
Public Health			
	<i>Immunization Registries</i>		
1.	No. of Patients handled in Immunization Registries	18	
2.	No. of acknowledgements received from the registry	18	
	<i>Syndromic Surveillance</i>		
1.	No. of Patients handled in Syndromic Surveillance	13	
2.	No. of acknowledgements received from the registry	13	
Patient Engagement			35 patients enrolled this year. They have accessed their portals 37 times by accessing them documents and communicating through the portal.
1.	No. of patients enrolled for portal	27	
2.	No. of times the Patient Portal is accessed	59	
3.	No. of documents viewed/added/downloaded	32	

4.	No. of patient communications from the portal	8	
Application Programming Interfaces			
	<i>All Data Request</i>		
1.	No. of API requests received	22	
2.	No. of API requests handled and responded	22	
	<i>Data Category Request</i>		
1.	No. of API requests received	30	
2.	No. of API requests handled and responded	30	
	<i>Patient Selection</i>		
1.	No. of API requests received	27	
2.	No. of API requests handled and responded	27	
	<i>Standardized API for patient and population services</i>		
	No. of API requests sent	29	
	No. of API requests handled	29	

Measure Id	Measure Name	Initial Population	Denominator	Denominator exclusion	Denominator exception	Numerator	Numerator exclusion
CMS 165	Controlling high blood pressure	45	35	0	0	23	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 <i>setting completed successfully</i>	Yes	13 mins	None
2	Clinical information reconciliation and incorporation - electronically processed structured CCDA information from another source such that it is combined.	Yes	21mins	1 min

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	4mins	None
4	CQM record and export - user can export a data file formatted in accordance with HL7 QRDA Category I	Yes	3 mins	1 min
5	CQM import and calculate - user can import a data file formatted in accordance with HL7 QRDA Category I	Yes	3 mins	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	15 mins	2 mins
9	Transmission to public health agencies — syndromic surveillance - create syndrome-based public health surveillance information for electronic transmission to public health agencies	Yes	5 mins	None
	create syndrome-based public health 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	5 mins	None
11	Transmission to public health agencies — antimicrobial use and resistance reporting	Yes	10 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	5 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	5 mins	2 min
16	Direct Project - electronically transmit (send and receive) health information to a 3rd party in a protected format.	Yes	10 mins	None
17	(g)(10) Standardized API for patient and population services - Providing FHIR URL's to be accessible publicly : All the API's are provided in 1 publicly accessible URL. (4 API requests per patient)	Yes	6 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	10/3/2025
Transition of care	Dermatology	10/06/2025
CMS 165 Summary report C3	Internal medicine	10/1/2025
Collection of Interoperability data	Dermatology	11/03/2025
Collection of Immunization Registry	Dermatology	12/01/2025

Collection of Patient Engagement data	Internal Medicine	12/09/2025
End of Real-World Testing period/final collection of all data for analysis	All above	12/29/2025

Changes to Original Plan	Care setting	Date/Timeframe
NONE	NA	NA