Medicus All Criteria (RWT) Real World Testing Plan 2023

Care Coordination Passed § 170.315(b)(1) Transitions of care § 170.315(b)(2) Clinical information reconciliation and incorporation § 170.315(b)(3) Electronic prescribing

Clinical Quality Measures

Passed

§ 170.315(c)(1) — record and export § 170.315(c)(2) — import and calculate § 170.315(c)(3) — report

Public Health

Passed

§ 170.315(f)(1) Transmission to immunization registries

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Passed

§ 170.315(h)(1) Direct Project

Patient Engagement

Passed

§ 170.315(e)(1) View, download, and transmit to 3rd party

Application Programming Interfaces

Passed

§ 170.315(g)(7) Application access— patient selection § 170.315(g)(9) Standardized API for Patient and Population Services— all data request § 170.315(g)(10) Application access— data category request

Key Milestones Summary

170.316(y) 170 marketion of came	Criteria	Care Setting	Measureme	nt Period	D	Date	Kev I	Milestones
9 73 15(5)(2) Deck information (recording to make the proposal of the prop	-	,						
Suppose Part	§ 170.315(b)(2) Clinical information reconciliation and incorporation	Ambulatory	5/1/2023	_ 8/31		May, 2023	• Cor	firm ability to send and receive clinical documents firm with TP that production data will be used, whether in an actual live environment or a copy of a live environment
May 2023 Care provider selected bits CCD, chrooses tecoprate, and searches for the correct patient to assign. May 2023 Selectionic prescribing May 2023 Care provider selected bits CCD, chrooses tecoprate, and searches for the correct patient to assign. May 2023 Calculate and complete selected. Last Received CD them Recorded. Application of Calculate and Complete Selection in the selection substitution. Administration and interdiction allocation and interdiction and interdiction and interdiction and interdiction. May 2023 Calculate and complete selection and paper to an expect of the correct patient to assign. May 2023 Carefin multiple partier May 2024 Carefin multiple partier	Electronic Exchange Category				Ju	une, 2023		
Any Application Ambulation					Ju	une, 2023	Reci	pient uses scorecard to grade CCD
Ambulation Amb					Ju	uly, 2023	Care	provider selects the CCD, chooses Incorporate, and searches for the correct patient to assign.
170.316(x) Electronic prescribing 2					<u> </u>		• The	care provider reviews the record, and merges the patient's problems, medications, and medication allergies into the system under test with no duplicates.
May 2013 May 2013 May 2013 May 2013 May 2013 Confirm Tailing Partner Total Sick(N) - Record and export May 2013 May 2013 Confirm Tailing Partner Total Sick(N) - Record and export May 2013 May 2013 May 2013 Confirm Tailing Partner Total Sick(N) - Record and export May 2013 May 2014						August, 2023		·
Cumon Cumo	§ 170.315(b)(3) Electronic prescribing	Ambulatory	5/1/2023	_ 8/31	М			
Special Content Memories Special Content Mem					Ju	une, 2023	Pres	cription for non-controlled substance is shown in patient's record.
\$ 170.315(c)(1)—necord and export \$ 170.315(c)(3)—report and calculate \$ 170.315(c)(3)—report and calculate \$ 170.315(c)(3)—report and calculate \$ 170.315(c)(3)—report and calculate \$ 170.315(c)(3)—report \$					A	August, 2023	Calc	ulate and compile metrics
\$ 170.315(x)(3)—report 4								
Section Programming Interfaces Section Programming Interfaces Programming Interfaces Programming Interfaces Inter		Ambulatory	5/1/2023	_ 8/31	/2023 M	May, 2023		
Palent Engagement	§ 170.315(c)(3)—report				Ju	uly, 2023		
Patient Engagement \$ 170.315(e)(1) View, download, and transmit to gardy Ambulatory Public Health \$ 170.315(f)(1) Transmission to immunization registries Ambulatory Amb					Ju	uly, 2023	All po	opulations of all measures should match.
\$ 170.315(a)(1) View, download, and transmit to 3rd party Abbiliation Bright B					A	August, 2023	Calc	ulate and compile metrics
June, 2023 Ensure patient received activation email or June, 2023 Record validation in the audit log that patient has transmitted the C-CDA via DIRECT or email								
Signature Patent Record validation in the audit log that patent has transmitted the C-CDA via DIRECT or email August, 2023 Record validation in the audit log that patent has transmitted the C-CDA via DIRECT or email August, 2023 Record validation in the audit log that patient has transmitted the C-CDA via DIRECT or email August, 2023 Record validation in the audit log that patient has transmitted the C-CDA via DIRECT or email August, 2023 Record validation in the audit log that patient has transmitted the C-CDA via DIRECT or email August, 2023 Record validation in the audit log that patient has transmitted the C-CDA via DIRECT or email August, 2023 Record validation in the audit log that patient has transmitted the C-CDA via DIRECT or email Record validation in the audit log that patient has transmitted the C-CDA via DIRECT or email Record validation in the audit log that patient has transmitted the C-CDA via DIRECT or email Record validation in the audit log that patient has transmitted the C-CDA via DIRECT or email Record validation in the audit log that patient has transmitted the C-CDA via DIRECT or email Record validation in the audit log that patient has transmitted the C-CDA via DIRECT or email Record validation in the audit log that patient has transmitted the C-CDA via DIRECT or email Record validation in the audit log that patient has transmitted the C-CDA via DIRECT or email Record validation in the audit log that patient has transmitted the C-CDA via DIRECT or email Record validation in the audit log that patient has transmitted the C-CDA via DIRECT or email Record validation in the audit log that patient has transmitted the C-CDA via DIRECT or email receive patient validation in the audit log that patient has transmitted the C-CDA via DIRECT or email receive patient validation in the audit receive pati		Ambulatory	5/1/2023	_ 8/31				
August, 2023 - Run Timely Access report in Medicus and compare to patient visit report from EHR to determine percentage of patients who had access within 24 hours. Public Health S †70.315(f)(1) Transmission to immunization registry that can receive immunization registry that can receive immunization data Ambulatory registries Ambulatory Public Health August, 2023 - Validate that immunization interface is functioning as expected June, 2023 June, 2023 - Validate that immunization interface is functioning as expected August, 2023 - Calculate and compile metrics Application Programming Interfaces \$ 170.315(g)(7) Application access—patient selection is \$ 170.315(g)(7) Application access—patient selection is \$ 170.315(g)(9) Application access—all data request selection \$ 170.315(g)(9) Application access—all data request \$ 170.315(g)(9) Application access—all data request \$ 170.315(g)(10) Standardized API for Patient and Population Services B †70.315(g)(10) Standardized API for Patient and Population Services Electronic Exchange **Electronic Exchange** **Electronic Exchange** **Ambulatory Stranger** **Ambulatory Stranger** **Included Services immunization registry that can receive immunization data **Partic with PHR or identify existing PHR that can receive patient clinical data as described in this RWT plan. **Ensure that PHR has functionality to access the Application Data Access APIs for MedicusEHR v1.0, as described here. **June, 2023	oru party					,		
Public Health § 170.315(f)(1) Transmission to immunization registry that can receive immunization registry that can receive immunization data registries Application Programming Interfaces § 170.315(g)(7) Application access—patient selection \$ \$170.315(g)(7) Application access—all data request \$ \$170.315(g)(10) Standardized API for Patient and Population Services Beloctronic Exchange Application Services Beloctronic Exchange Application Programming Interfaces For the selection \$ \$170.315(g)(10) Standardized API for Patient and Population Services Beloctronic Exchange Application access—all data request \$ \$170.315(g)(10) Standardized API for Patient and Population Services Beloctronic Exchange Application Programming Interfaces Application Programming Interfaces Application access—all data request \$ \$170.315(g)(10) Standardized API for Patient and Patient Services Application Programming Interfaces Application access—all data request \$ \$170.315(g)(10) Standardized API for Patient API Patient Services Application access—all data request \$ \$170.315(g)(10) Standardized API for Patient API Patient Services Application Data Access APIs for Medicus EHR v1.0 has transformed C-CDA into JSON data. July, 2023						*		• .
\$ 170.315(j)(1) Transmission to immunization registries Ambulatory registries August, 2023					A	lugust, 2023	• Rur	Timely Access report in Medicus and compare to patient visit report from EHR to determine percentage of patients who had access within 24 hours.
Fegistries Section Pogramming Interfaces Parking Pogramming Interfaces Parking Park			E (4 (0000	0/04	(0000			
July, 2023 Verify that immunization data was received for patient A August, 2023 Calculate and compile metrics Application Programming Interfaces § 170.315(g)(7) Application access— patient selection § 170.315(g)(9) Application access—all data request § 170.315(g)(10) Standardized API for Patient and Population Services ***Programming Interfaces*** ***Partner with PHR or identify existing PHR that can receive patient clinical data as described in this RWT plan. **Ensure that PHR has functionally to access the Application Data Access APIs for MedicusEHR v1.0, as described here. **June, 2023 Encounter is created and visually confirmed **Tensure that PHR has functionally to access the Application Data Access APIs for MedicusEHR v1.0, as described here. **June, 2023 Encounter is created and visually confirmed **July, 2023 Usually validate Assessment, Plan of Treatment and Health Concerns narrative text **July, 2023 Usually validate Assessment, Plan of Treatment and Health Concerns narrative text **July, 2023 Usually validate Assessment, Plan of Treatment and Health Concerns narrative text **July, 2023 Usually validate Assessment, Plan of Treatment and Health Concerns narrative text **July, 2023 Usually validate Assessment, Plan of Treatment and Health Concerns narrative text **July, 2023 Usually validate Assessment, Plan of Treatment and Health Concerns narrative text **July, 2023 Usually validate Assessment, Plan of Treatment and Health Concerns narrative text **July, 2024 Usually validate Assessment, Plan of Treatment and Health Concerns narrative text **July, 2024 Usually validate Assessment, Plan of Treatment and Health Concerns narrative text **July, 2024 Usually validate Assessment, Plan of Treatment and Health Concerns narrative text **July, 2024 Usually validate Assessment, Plan of Treatment and Health Concerns narrative text **July, 2025 Usually validate Assessment, Plan of Treatment and Health Concerns narrative text **July, 2025 Usually validate Assessment, Plan of Treatment and Health Concerns narra		Ambulatory	5/1/2023	- 0/31	<u> </u>	3,		
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Application Programming Interfaces § 170.315(g)(7) Application access—patient selection § 170.315(g)(9) Application access—all data request § 170.315(g)(10) Standardized API for Patient and Population Services Application Services Patient Services					<u> </u>	*		•
§ 170.315(g)(7) Application access—patient selection § 170.315(g)(9) Application access—all data request \$170.315(g)(9) Application access—all data request \$170.315(g)(10) Standardized API for Patient and Population Services Selection Selection Services Selection Selecti					A	lugust, 2023	Calc	ulate and compile metrics
selection Select		Ah-d-t-	E/1/2022	8/31	/2023		l De	NUCLEUR CLUB and the first of the Country of the Association of the Country of th
request \$170.315(g)(10) Standardized API for Patient and Population Services July, 2023 - Application Data Access APIs for MedicusEHR v1.0 has transformed C-CDA into JSON data. July, 2023 Visually validate Assessment, Plan of Treatment and Health Concerns narrative text August, 2023 Calculate and compile metrics		Ambulatory	3/1/2023	- ""	M	May, 2023		
\$170.315(g)(10) Standardized API for Patient and Population Services July, 2023 Visually validate Assessment, Plan of Treatment and Health Concerns narrative text July, 2023 Galculate and compile metrics Electronic Exchange					Ju	une, 2023		
and Population Services July, 2023 Visually validate Assessment, Plan of Treatment and Health Concerns narrative text August, 2023 Calculate and compile metrics Electronic Exchange Fig. 2023 Calculate and compile metrics Calculate and Calculat					Ju	uly, 2023		
Electronic Exchange	and Population Services				Jι	uly, 2023	Visua	Illy validate Assessment, Plan of Treatment and Health Concerns narrative text
					A	August, 2023	Calc	ulate and compile metrics
§ 170.315(h)(1) Direct Project Ambulatory 5/1/2023 - 8/31/2023 SEE CARE SEE CARE COORDINATION								
	§ 170.315(h)(1) Direct Project	Ambulatory	5/1/2023	_ 8/31	/2023 SI	SEE CARE	SEE	CARE COORDINATION

T-1-16	Associated Certification Criteria:					
	§ 170.315(b)(1) Transition of Care § 170.315(b)(2) Clinical information reconciliation and incorporation					
content	§ 170.315(b)(1) Direct Project					
	Measure Description:	Justification:				
	Send and receive Transition of Care (TOC) messages with other providers to close the referral loop. The patient's ePHI will be exchanged using a C-CDA 2.1 Care Referral or Referral Note and DIRECT	We chose to concentrate on the aspects of this criterion that would: 1) showcase MEDICUS's streamlined approach to provider-to-provider patient referrals and transitions of care wi	th the ultimate goa	being higher o	quality patient care	
	secure messaging for data transport.	2) eliminate as much risk of data entry errors as possible by transmitting patient data securely and electronically				
		reduce the overall time burden of manual data entry ensure private and secure transmission of patients' PHI				
		5) result in increased interoperability between disparate HIT systems.				
	Metric Description: 1) 100 percent of outbound TOC's successfully received by HISP		Standards Implem CCDS (Common			
	2) Average C-CDA grade from scorecard for C-CDAs generated from MEDICUS is a "C" or beter		 Applicability Sta 	ement for Sec	ure Health Transport, Version 1.2, August 2015 (Direct)	
	 75 percent of C-CDAs flagged as restricted were received in restricted status based on confirmed re 75 percent of trading partner's TOC C-CDAs successfully received by MEDICUS. 	eceipt from trading partner			n Guide, October 2019. R1_DSTU2.1_2015AUG_2019JUNwith_errata	
	,		•HL7 Implementa	ion Guide for	CDA® Release 2: Consolidated CDA Templates for Clinical Notes (US Realm), Draft Standard for Trial Use, Volu	
					CDA® Release 2: Consolidated CDA Templates for Clinical Notes (US Realm), Draft Standard for Trial Use, Voli CDA® Release 2: IHE Health Story Consolidation, DSTU Release 1.1 (US Realm) Draft Standard for Trial Use Ju	
			ONC Implementa	tion Guide for	Direct Edge Protocols, Version 1.1, June 25, 2014	f T
	Developer Info:	Product Info:	HL7® CDA R2 Im Methods Use to D		Guide: C-CDA Templates for Clinical Notes R2.1 Companion Guide, Release 2-US Realm, October 2019	
	MEDICUS Clinical, LLC	Product Name: MEDICUS EHR Product Version: 1.0	1) HISP via Direct)	
	36 Corporate Office Park 20 Rd. ASSERTUS Building Suite 104 Guaynabo, PR 00966 (787) 622-2200	CHPL ID: 15.04.04.3057.Medi.01.00.1.191113	HIE exchange HTTPS via secur	e provider nor	tal	
	Ambulatory Care Setting:		-			
	The ambulatory care setting is the most common one for MEDICUS EHR users. Many belong to specialties such as eye care, chiropractic and behavioral health. We don't specifically market to				upon the following softwares: III be exported in CCDA R2.1 format	
	particular specialty areas, so this test plan generically applies to ambulatory care settings.				Cures Update R2.1 and USCDI v1 Validator Tool (att https://ett.healthit.gov/ett/#/validators/ccdar2).	
Test Step:	Testing Procedure:	Expected Outcomes:	Key Mileston	Kev	Outcomes:	Comments:
	· ·		Date:	Milesto	n	
1	Identify Trading Partner (TP) and coordinate with TP for sending/receiving clinical documents using production data as described	Confirm Trading Partner Confirm ability to send and receive clinical documents	May, 2023			
	in this RWT plan	Confirm with TP that production data will be used, whether in an actual live environment or				
		CCDS data elements captured in EHR (system under test)				
2	Patient has encounter with care provider and data is captured in EHR	Care provider signs progress note which triggers CCD 2.1 creation. CCD includes the reason for referral, and the referring or				
		transitioning provider's name and office contact information.				
		 From progress note or chronology area, care provider selects Referrals > New Referral and searches the address book for a provider, can manually add provider's Direct address if 	June, 2023			
3	Care provider initiates TOC to TP EHR in MEDICUS	not present, then sends referral				
		Care provider receives external email confirmation that referral				
*	Next steps take place in trading partner's EHR.	WAR BOAT				
4	Validate that CCD for the patient contains CCDS data elements.	Recipient uses scorecard to grade CCD	June, 2023			
5	Trading partner refers same patient from TP EHR to MEDICUS by	Care provider selects recipient from directory of Direct addresses and initiates sending of		1		
6	In MEDICUS, tester acknowledges receipt of valid Clinical Document.	Clinical Document Tester uses Messages Inbox to locate Clinical Document.		+	+	
7	Care provider assigns the CCD to a patient.	Care provider selects the CCD, chooses incorporate, and searches for the correct patient to	July 2023	+		
,	care provider assigns the CCD to a patient.	assign.	July, 2023			
		In the patient's chart, the care provider selects Last Received CCD then Reconcile.	July, 2023			
		The care provider reviews the record, and merges the patient's problems, medications, and medication allergies into the system	1			
8	Care provider reconciles the info from the incoming CCD into the	under test with no duplicates.				
8	patient's chart.					
9	Calculate and compile metrics		August, 2023		Report Range: May1, 2023 through July 31, 2023	Physicians in Puerto Rico do not create electornic
					Transition of Care C-CDAs successfully sent, 0 messages	referrals because of the absence of sharing data betwee other vendors and the need of a state HIE
						Stroit ventuois and the need of a state FIE
	Atestation:					
	This Real World Testing plan is complete with all required elements, includi	ng measures that address all certification criteria and care settings. All information in	this plan is up t	o date and	fully addresses the Health IT Developer's Real World Testing requirements.	
	Authorized Representative Name: Michael O. Jimenez					
	Authorized Representative Email: michael.jimenez@assertus.com					
	Authorized Representative Phone: 787-622-2202	Dorustinant by				
	Authorized Representative Signature:	10 (21 (2022 Michael Vimenes				
	Date:	10/31/2023 MAGAZA MAGAZ				
		BREADERSON 1881);	•			•

	Associated Certification Criteria:								
<u>Table of</u> <u>Contents</u>	§ 170.315(b)(3) Electronic prescribing								
	Measure Description: Prescription-related electronic transaction: Create, Change, Cancel, Renew, Fill Status, Medication History including Status, Errors and Verification.	Justification: We chose to concentrate on the aspects of this criterion that would demonstrat conflict with each other by reducing the possibility of human error.	rate the importance of the electronic prescription process in terms of patient care. Managing prescriptions electronically helps to ensure medications are accurate and not in						
	Metric Description: At least 80 percent of non-controlled substances are prescribed electronically.			NCPDP SCRIPT	T Standard, Implementation Guide, Version 2017071 tember 8, 2015 Full Release Update				
	Developer Info: MEDICUS Clinical, LLC 36 Corporate Office Park 20 Rd. ASSERTUS Building Suite 104 Guaynabo, PR 00966 (787) 622-2200 Ambulatory Care Setting: The ambulatory care setting is the most common one for MEDICUS EHR users. Many belong to specialties such as eye care, chiropractic and behavioral health. We don't specifically market to particular specialty areas, so this test plan generically applies to ambulatory care settings.	Product Info: Product Name: MEDICUS EHR Product Version: 1.0 CHPL ID: 15.04.04.3057.Medi.01.00.1.191113	Methods Use to Demonstrate Interoperability: 1) Tracking and counting how many NewRx electronic prescriptions successfully sent from MedicusEHR Prescription Builder to a pharmacy report range 2) Tracking and counting how many Cancel Rx receive in the report range						
Test Step:	Testing Procedure:	Expected Outcomes:	Key Milestone Date:	Key Milestone:	Outcomes:	Comments:			
1	Identify Trading Partner (TP) and coordinate with TP for sending/receiving electronic prescriptions using production data as described in this RWT plan.	Confirm Trading Partner Confirm ability to send and receive electronic prescriptions Confirm with TP that production data will be used, whether in an actual live environment or a copy of a live anyironment.	_B May, 2023						
2	In a patient's chart, open a progress note and add a prescription order for a	Prescription for non-controlled substance is shown in patient's record.	June, 2023						
3	Select a pharmacy to receive the prescription. Optionally override interactions	Pharmacy confirms receipt of prescription electronically. Diagnoses are shown with prescription.			Number of NewRx Prescription messages Successfully Sent across the entire network (all prescribers) Total Prescriptions: 581,366 Electronic Prescription: 439,315	Report range: May 1, 2023 through July 31, 2023			
4	Modify the dosage of the existing non-controlled substance prescription.	Pharmacy shows modified prescription record.							
5	Query the status of the prescription order from within MEDICUS.	MEDICUS successfully receives fill status.							
6	Query the history of the medication from within MEDICUS.	HL7 message is sent to pharmacy. Pharmacy sends response back to							
7	Pharmacy requests a refill.	MEDICUS Care provider receives and approves refill request.							
8	Provider sends prescription renewal by changing the date of the medication in	Pharmacy shows modified prescription record.							
9	the natient's chart and sending the prescription to the pharmacy. Provider sends prescription cancelation from chronology log.	Pharmacy shows cancelation received.			Number of CancelRx Prescription messages Successfully Sent across the entire network (all prescribers) Electronic Prescriptions: 439,315 Cancel Prescription: 2,218	Report range: May 1, 2023 through July 31, 2023			
10	Calculate and compile metrics		August, 2023		Results: The 75% of prescription was send electronically successfully				
	Atestation: This Real World Testing plan is complete with all required elements, including mea	sures that address all certification criteria and care settings. All information in th	nis plan is up to da	te and fully ad	dresses the Health IT Developer's Real World Testing requirements.				
	Authorized Representative Name: Michael O. Jimenez								
	Authorized Representative Email: michael.jimenez@assertus.com								
	Authorized Representative Phone: 787-622-2202 Authorized Representative Signature:	Docusigned by:	-						
		10/31/2023 Midtael Timener							
		22382BB8800F48E							

Table o f Conten ts	Associated Certification Criteria: § 170.315(c)(1) - Clinical quality measures (CQMs) — record and export § 170.315(c)(2) - Clinical quality measures (CQMs) — import and calculate § 170.315(c)(3) - Clinical quality measures (CQMs) — report					
=-						
	Measure Description: • Capture and record electronic clinical quality measure (eCQM) data in EHR (or trading partner's EHR) for	Justification:	critorion that would closely follow t	he estual estivities	of Medicus users with respect to eCQM calculation and output:	
	calculating eCQMs. • Electronically create a data file for transmission of CQM data in accordance with the CMS QRDA Category I IG for inpatient measures as adopted in § 170.205(h)(3) and CMS QRDA Category III IG for ambulatory measures as adopted in § 170.205(k)(3).	Run quality measure reports and display res Generate eCQM output for PI/IQR (university)	sults on Dashboard to compare with al eCQM reporting program for hosp widely-used eCQM reporting progra an support hospital quality reportin	industry-standard i itals) and ensure th am for ambulatory) g needs.	senchmarks and with prior/expected performance. at it can be successfully uploaded to the PI/IQR website. and ensure that it can be successfully uploaded to the Quality Payment Program (QPP) website.	
	Metric Description: 1) 100 percent matching data elements in CQMsolution vs EHR. This will be confirmed by visual validatio Demographics Problems Medications - Allergies 2) 100 percent matching calculation results in CQMsolution vs submission environment 3) 0 percent of files uploaded to submission environment result in errors	n of the following data:			ing Document Architecture - Category I (QRDA I); Release 1, DSTU Release 3 (US Realm), Volume 1 - Introductory Mi g Document Architecture - Category I (QRDA I); Release 1, DSTU Release 3 (US Realm), Volume 2 - Templates and St	
	Developer Info:	Product Info:	Methods Use to Demonstrate Inte	roperability:		
	MEDICUS Clinical, LLC	Product Name: MEDICUS EHR Product Version:	Visual inspection and matching or			
	36 Corporate Office Park 20 Rd. ASSERTUS Building Suite 104 Guaynabo, PR 00966 (787) 622-2200	1.0 CHPL ID: 15.04.04.3057.Medi.01.00.1.191113	Matching of calculation results fr API Sandbox testing with CMS fo		CMS	
	(787) 622-2200 Ambulatory Care Setting:	COPE 19: 15.04.04.3057.Medi.01.00.1.191113	AFI Sandbox testing with CMS to	i iie acceptance		
	The ambulatory care setting is the most common one for MEDICUS EHR users. Many belong to specialties such as eye care, chiropractic and behavioral health. We don't specifically market to particular specialty areas, so this test plan generically applies to ambulatory care settings.		Methods Use to Demonstrate Inte 1) Development Environment: Cyp 2) Production Environment: Dynan	ress 6.0	lution 6.0	
Test Step:	Testing Procedure:	Expected Outcomes:	Key Milestone Date:	Key Milestone	Outcome:	Comment(s)
1	Identify Trading Partner (TP) and coordinate with TP for calculating and reporting electronic clinical quality measures (eCQMs) using production data as described in this RWT plan.	Confirm Trading Partner Confirm ability to calculate and report eCOMs Confirm with TP that production data will be used, whether in an actual live environment or a copy of a live	May, 2023	winestone.	Functionalities have been set up in copy live environment and multiple test had been performed. During the following months, production data will be used in an actual live environment	
2	Identify six EP (Eligible Professional) eCQMs for RWT.	environment Based on historical data, select the				
3	Identify a one calendar year reporting period with adequate patient data for reporting.	Admins with sufficient familiarity with the physician practice's clinical activities should be able to choose a				
4	Capture and record clinical quality measure (CQM) data in Trading Partner's (TP) EHR. Since manual data entry for an adequate quantity of data would be onerous, we will use actual patient data. If TP is integrated with CQMsolution, CQMsolution will capture data through a SQL query, so that when a user runs a CQM report, CQMsolution pulls data directly	neriod with an appropriate amount of Data ready for report generation.				
5	Correctly calculate numerator, denominator, exclusion and exception values for selected eCQMs.	The CQMsolution report should complete with no errors.				
6	Spot-check 10 patients for each measure, ensuring that some are in the denominator	Use Patient List to check which				
7	only some are in the numerator and denominator and if possible some are exclusions Upload the generated MIPS QRDA III file to QPP.	The file should upload and be accepted by the environment without error.	July, 2023		Functionalities have been set up in copy live environment and multiple test had been performed. During the following months, production data will be used in an actual live environment	
8	Check the submission environment's measure calculation results and compare them to CQMsolution's calculation results.	All populations of all measures should match.	July, 2023		Functionalities have been set up in copy live environment and multiple test had been performed. During the following months, production data will be used in an actual live environment	
9	Calculate and compile metrics		August, 2023		Functionalities have been set up in copy live environment and multiple test had been performed. During the following months, production data will be used in an actual live environment	
	Atestation: This Real World Testing plan is complete with all required elements, including measures tha	I t address all certification criteria and care	l settings. All information in this p	plan is up to date	I and fully addresses the Health IT Developer's Real World Testing requirements.	
	Authorized Representative Name: Michael O. Jimenez					
	Authorized Representative Email: michael .jimenez@assertus.com					
	, ,					
	Authorized Representative Phone: 787-622-2202		DocuSigned by:			
	Authorized Representative Phone: 787-622-2202 Authorized Representative Signature:	10/31/2023	Michael Jimenez			

T-bl	A color de color de color de									
<u>l able o</u> f	Associated Certification Criteria: 170.315(e)(1) View, Download, and Transmit to 3rd Party									
	Measure Description:	Justification:								
	Provide patient (and their authorized representatives) user friendly, secure Portal access to their PH in CCDA 2.1 Ht 7 Standard format. Allowing patient to download a summary in both a human readable format and using the CCD document template of the Consolidated CDA Release 2.1 containing: - The CCDS (Common Clinical Data Set) Data Elements - The provider's name and office contact information - Laboratory test report(s) - Diagnostic image report(s)	We chose to concentrate on the aspects of th	is criterion that would empower patients with timely electro	onic access to comp	ehensive, us	eful ePH.				
	Metric Description: 1) More than 80 percent of unique patient with encounters in the review period are pland transmit to a third party. 2) Average score between 1 and 2 (1=Easy to use, 5=Unable to access) for patients or a 3) Average score between 1 and 2 (1=Easy to download/transmit, 5=Unable to download or transmit a C-CDA.	Authorized Representatives who tried to acces	s the patient portal and responded to survey questions.	Standards implemented: d, • CCDS (Common Clinical Data Set) • Web Content Accessibility Guidelines (WCAG) 2.0, December 11, 2008 • Web Content Accessibility Guidelines (WCAG) 2.1, June 05, 2018 (Available 3/12/2021) • HLT C-CDA R2.1 implementation Guide, October 2019. CDAR2_I G_C-CDAA_C_LINNOTES_R1_DSTU2.1_2015AUG_2019IJNwith_errata • HLT implementation Guide for CDA* Release 2: Consolidated CDA Templates for Clinical Notes (US Realm), Draft Standard for Trial Use, Volume 1 - Introductory Material, Release 2.1, August 20 • HLT* CDA R2 Implementation Guide: C-CDA Templates for Clinical Notes R2.1 Companion Guide, Release 2-US Realm, October 2019						
	Developer Info:	Product Info:		Methods Use to D	emonstrate I	nteroperability:				
	MEDICUS Clinical, LLC 36 Corporate Office Park 20 Rd. ASSERTUS Building Suite 104 Guaynabo, PR 00966 (787) 622-2200 Ambulatory Care Setting: The ambulatory care setting is the most common one for MEDICUS EHR users. Many belong to specialties such as eye care, chiropractic and behavioral health. We don't specifically market to particular specialty areas, so this test plan generically applies to ambulatory care settings.	Product Name: MEDICUS EHR Product Version CHPL ID: 15.04.04.3057.Medi.01.00.1.191113	: 1.0	1) Direct Protocol 2) SMTP Email Sei 3) HTTPS via secu 4) Ability for Port 5) Tracking and co	Send Functional Functional Functional reportal Account to be accessunting the number of the properties	onality				
Test Step:	Testing Procedure:	Expected Outcomes:		Key Milestone	Key	Outcomes:	Comment(s)			
1	Determine whether live production data or a copy of production data will be used.	Confirm ability to provide patients timel Confirm that production data will be use a live environment	y access to their ePHI ad, whether in an actual live environment or a copy of	May, 2023	Milestone					
2	For a period of time, monitor the system as the below steps (3-11) take place continuously.	Many patient visits will occur during the p for calculating the metrics at the end of t								
3	Patient arrives for a visit	Patient demographics are captured in th	e EHR							
4	Provider Charts on the Patients health status	CCDS data elements are recorded in El-								
5	Provider Signs note or patient checks out	,	rovider and practice. t with accurate information ScoreCard or ETT tool for schema validation.							
6	Medicus administrator user creates a new patient portal account for the patient.	Ensure patient received activation ema Patient is provisioned with Username a	il or nd Password in office	June, 2023		Number of patient with new access to portal; 404 patients				
7	Patient or authorized representative logs into Portal	URL is provided to patient in an email of the Patient is provided the URL while in Record validation in the audit log that URL while in the second validation in the second validation in the second validation.	the physician's office. RL is functional							
8	Patient or authorized representative views C-CDA or choses a date range of CCDs to view	 Record validation in the audit log that p Validate NTP by comparing Portal time 				Number of patient: 25 views their CCD				
9	Patient or authorized representative downloads C-CDA their choice of	Record validation in the audit log that pa				Number of patient: 1 download their CCD				
10	Patient or authorized representative transmits:	record validation in the audit log that pa	tient has transmitted the C-CDA via DIRECT or email	June, 2023		Number of patient: 1 transmit their CCD				
	C-CDA via Direct Protocol to a provider C-CDA via email to others			1	1		1			
11	Request survey response on Patient Portal ease of use and accessibility.	following criteria: • accessing the portal • downloading and/or transmitting ePHI	ides a score from 1 (easy) to 5 (unable) on the			Results: 1) Accesing the portal: the patients score 3 of 5, they mention access to the portal was an accesib process 2) Downloading and/or transmiting ePHI: the patients score 2 of 5, they mention are not interesting send health record form the portal				
12	Calculate and compile metrics	Run Timely Access report in Medicus a determine percentage of patients who ha Calculate average of survey responses		August, 2023		Results: Providers educate their population to access the patient portal, but they do not are interested to sh health information from the portal	are			
	Atestation: This Real World Testing plan is complete with all required elements, includi	ng measures that address all certificatio	n criteria and care settings. All information in this pla	ın is up to date aı	nd fully add	resses the Health IT Developer's Real World Testing requirements.				
	Authorized Representative Name: Michael O. Jimenez									
	Authorized Representative Email: michael.jimenez@assertus.com									
	Authorized Representative Phone: 787-622-2202		DocuSigned by:							
	Authorized Representative Signature:	10/31/2023	Milliant Jimeney							

<u>Tabl</u> <u>o</u> f Con	Associated Certification Criteria: §170.315(f)(1) Transmission to immunization registries											
	Measure Description:	Justification:										
	· ·	d transmit immunization information. Enable a user to We chose to concentrate on the aspects of this criterion that would provide the most patient care value in an actual setting. Immunization registries can be very helpful in directing and informing patient care and in cost control through identification of needed immunizations										
	request, access, and display a patient's evaluated immunization			-		· ·						
	history and the immunization forecast from an immunization		,	,	1							
	registry											
	1-61											
	Metric Description:		Standards Imple	mented:								
	1) 100 percent correct immunization records successfully posted	d to registry confirmed by visual validation.	• § 170.205(e)(4	HL7 2.5.1 In	plementation Specifications. HL7 2.5.1 Implementation Guide for Immunization Messaging, Rel	ease 1.5, October 2014						
	2) 100 percent correct correct immunization history records suc	cessfully received in EHR confirmed by visual validation.	HL7 Version 2.	5.1 Impleme	ntation Guide for Immunization Messaging (Release 1.5)—Addendum, July 2015§ 170.207(e)(3) H	IL7 Standard Code Set CVX— Vaccines Administered,						
	3) Successful Transmission to Public Health Registry will be review	ewed for ACK & NAK to ensure 100% successful transmission.	updates through	August 17,	2015							
	,		• § 170.207(e)(4	National Dr	ug Code (NDC) Directory- Vaccine NDC Linker, updates through August 17, 2015							
	Developer Info:	Product Info:	Mothods Uso to	Domonstrat	e Interoperability:							
	MEDICUS Clinical, LLC	Product Name: MEDICUS EHR Product Version: 1.0	1) Webservice	Demonstrat	e interoperability.							
	· ·	CHPL ID: 15.04.04.3057.Medi.01.00.1.191113	1 '	Cada Cat (1)	X – Vaccine AdministeredOID: 2.16.840.1.113883.12.292							
	36 Corporate Office Park 20 Rd. ASSERTUS Building Suite 104	CAPE ID: 15.04.04.5057.IVIEdi.01.00.1.191115	1 '									
	Guaynabo, PR 00966		1 '	-	tory OID: 2.16.840.1.113883.6.69							
	(787) 622-2200				transport of immunization data							
	Ambulatory Care Setting:		6) PREIS uri: htt	ps://prst1we	eb.stchealthops.com/phchub/HL7Server							
	The ambulatory care setting is the most common one for											
Test Sten:	Testing Procedure:	Expected Outcomes:	Key Milestone	Key	Outcomes:	Comment(s)						
1	Identify Trading Partner (TP) and coordinate with TP for	Has a state immunization registry that can receive immunization data	Hare	Willestone								
	transmitting immunization records using production data as	Already has a functional immunization interface or would like to implement one to their	May, 2023		In Puerto Rico the government start the IIS implementation to send immunization							
	described in this RWT plan.	registry	IWay, 2023		messages in the second quarter of the year							
2	Implement send-only immunization interface (if interface not	Validate that immunization interface is functioning as expected	June, 2023		In Puerto Rico the government start the IIS implementation to send immunization							
	already in place).				messages in the second quarter of the year							
3	Determine whether test or production interface will be used.	If production, determine whether an actual patient or a test patient will be used.										
4	Create a new immunization record.	Register a patient or create a new patient "A" in Client EHR and create a current patient encounter										
5	Run immunization process to send to registry (Note: This is	Confirm immunization process										
6	Access registry to verify that immunization data was received	Verify that immunization data was received for patient A	July, 2023									
7	Calculate and compile metrics		August, 2023		Immunization records of four(4) patients were successfully shared with IIS during testing period	Range date: 5/1/2023-7/31/2023						
	Atestation:											
	This Real World Testing plan is complete with all required eleme	nts, including measures that address all certification criteria and care settings. All information in t	his plan is up to da	te and fully	addresses the Health IT Developer's Real World Testing requirements.							
	Authorized Representative Name: Michael O. Jimenez											
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	Authorized Representative Phone: 787-622-2202											
	Authorized Representative Signature:	Docustioned by: Michael Jimeneg										
	Date:	10/31/2023										

<u>Table o</u> f <u>Content</u>	Associated Certification Criteria: § 170.315(g)(7) Application access— patient selection § 170.315(g)(9) Application access— all data request §170.315(g)(10) Standardized API for Patient and Population Services								
	Measure Description: Enable a patient's to access their electronic health data through a Personal Health Record (PHR) app on their smartphone. They have had a healthcare encounter with a provider using an EHR that is integrated with the Application Data Access APIs for MedicusEHR v1.0 and Medicus EHR. They would like to view the results from that encounter along with the rest of their electronic health record.	Justification: CMS has a focus on empowering patients by	by providing them with an electronic copy of their health record. We agree that this is very important for patient satisfaction and improving population health in general.						
	Metric Description: 1) Patient is able to retrieve API data from PHR app for 100 percent of encounters. 2) In 100 percent of encounters from Step #1, PHR data matches data from EHR. This following JSON resources: • Demographics • Problems • Medications • Allergies	Standards Implemented: FHIR r4							
	Developer Info: MEDICUS Clinical, LLC 36 Corporate Office Park 20 Rd. ASSERTUS Building Suite 104 Guaynabo, PR 00966 (787) 622-2200 Ambulatory Care Setting: The ambulatory care setting is the most common one for MEDICUS EHR users. Many belong to specialties such as eye care, chiropractic and behavioral health. We don't specifically market to particular specialty areas, so this test plan generically applies to ambulatory care settings.	CHPL ID:	2) Application Data Access APIs for MedicusEHR v1.0 3) Via our MedicusEHR FHIR® API Server by Dynamic Health IT. Base API Url https://fhirpresentation.assertus.com/						
Test Step:	Testing Procedure:	Expected Outcomes:	Key Milestone Date:	Key	Outcomes:	Comment(s)			
1	Identify Trading Partner (TP) and coordinate with TP for providing patients timely access to their ePHI using production data as described in this RWT plan.	Partner with PHR or identify existing PHR that can receive patient clinical data as described in this RWT plan. Ensure that PHR has functionality to access the Application Data Access APIs for MedicusEHR v1.0, as described here. Partner with EHR that is integrated with the Application Data Access APIs for MedicusEHR v1.0 and Medicus EHR.	May, 2023	WINCSTONE.	Cero(0) API Clients Applications connected to MedicusEHR. No credentials request have been made to any of our Physicians	The functionality was tsted in production environment, the results do not show any error			
2	Patient A has encounter with care provider who uses EHR described above.	Encounter is created and visually confirmed	June, 2023		Cero(0) API Clients Applications connected to MedicusEHR. No credentials request have been made to any of our Physicians	The functionality was tsted in production environment, the results do not show any error			
3	Provider captures CCDS data elements in EHR	CCDS data elements are validated in the system							
5	Patient A uses an administered Patient Portal login to view clinical information	Patient Portal account has to be manually created by an Administrator. The Administrator will create an account for a Patient or Patient Representative Once the account is created by an Administrator, an emall is sent with the Portal URL, a username and a password for logging in. On initial login, Patient A will need to provide their first name, last name and DOB before being able to login. After initial activation, Patient Portal will automatically send an email reminder that Patient A has a new clinical document available.							
6	The Trading Partner obtains credentials for authorization thru Medicus.	Specific credentials are provided to the Trading Partner in order for them to authenticate usthenticate 'Trading Partners will authenticate using ConnectorAccountKey, Token, SessionKey, and LoginToken 'Once authenticated, Trading Partners will be allowed to call other methods and pull patient data							

PHR app returns full set of data for a given category PHR app returns data in a computable format using specified standards. Data is confirmed to be in JSON format							
displayed for each data category 9 PHR app returns data in a computable format using specified standards. 10 PHR app returns full and accurate data for a specific date or specific date range and public to filter by date range and accurately and as expected. 11 PHR app returns full and accurate data for a specific date or specific date range and accurately and as expected. 11 Via visual inspection of PHR app, the data is verified to include Assessment, Plan of Treatment and Health concerns which are specified as narrative text to made to any of our Physicians. 12 Complete the form to register the client application to get access to our PHR app his disconcinent on the plan is up to date and for a production environment, the results do not: 13 Calculate and compile metrics 14 Authorized Representative Names: Michael O. Jimenez Authorized Representative Finals: Make proceedings and accurately and as expected as narrative for the capability of the plan of the p	7	PHR app (for example, Postman) displays full set of data for all data categories	MedicusEHR v1.0 has transformed C- CDA into JSON data. • PHR app consumes JSON data to	July, 2023		MedicusEHR. No credentials request have been	The functionality was tsted in production environment, the results do not show any error
- Step 10 is optional, if PHR app has the capability to filter by date range - Filtering data by a specific date requiring data by a specific date range returns data accurately and as expected - Filtering data by a specific date range returns data accurately and as expected - Filtering data by a specific date range returns data accurately and as expected - Filtering data by a specific date range returns data accurately and as expected - Filtering data by a specific date range returns data accurately and as expected - Filtering data by a specific date range returns data accurately and as expected - Filtering data by a specific date range returns data accurately and as expected - Filtering data by a specific date range returns data accurately and as expected - Filtering data by a specific date range returns data accurately and as expected - Filtering data by a specific date range returns data accurately and as expected - Filtering data by a specific date range returns data accurately and as expected - Filtering data by a specific date range returns data accurately and as expected - Filtering data by a specific date range returns data accurately and as expected - Filtering data by a specific date range returns data accurately and as expected - Filtering data by a specific date returns data accurately and as expected - Filtering data by a specific date returns data accurately and as expected - Filtering data by a specific date returns data accurately and as expected - Filtering data by a specific date range returns data accurately and as expected - Filtering data by accurately and accurately accurately and accurately and accurately accurately and accurately and accurately and accurately accurately and accurately accurat	8						
capability to filter by date range left-litering data by a specific date returns data accurately and as expected 11 Via visual inspection of PHR app, the data is verified to include Assessment, Plan of Treatment and Health concerns which are specified as narrative text 12 Complete the form to register the client application to get access to our PHIR Authorization server 13 Calculate and compile metrics 14 Authorized Representative Name: 15 Michael O. Jimenez Authorized Representative Email: 16 Matthorized Representative Email: 17 Michael O. Jimenez 18 Authorized Representative Email: 18 Muthorized Representative Email: 19 Michael O. Jimenez 10 PHR app returns full and accurate data for a specific date range in the litering data by a specific date range returns data accurately and as expected 19 Visually validate Assessment, Plan of Treatment and Health Concerns narrative text 19 Visually validate Assessment, Plan of Treatment and Health Concerns narrative text 10 Cerro(0) API Clients Applications connected to MedicusEHR. No credentials request have been made to any of our Physicians 10 Cerro(0) API Clients Applications connected to MedicusEHR. No credentials request have been made to any of our Physicians The functionality was tsted in production environment, the results do not any of our Physicians The functionality was tsted in production environment, the results do not any of our Physicians The functionality was tsted in production environment, the results do not any of our Physicians The functionality was tsted in production environment, the results do not any of our Physicians The functionality was tsted in production environment, the results do not any of our Physicians The functionality was tsted in production environment, the results do not any of our Physicians The functionality was tsted in production environment, the results do not any of our Physicians The functionality was tsted in production environment, the results do not any of our Physicians The functionality was tsted	9	PHR app returns data in a computable format using specified standards.	Data is confirmed to be in JSON format				
Via visual inspection of PHR app, the data is verified to include Assessment, Plan of Treatment and Health concerns which are specified as narrative text Treatment and Health Concerns narrative text MedicusEHR. No credentials request have been made to any of our Physicians The functionality was tsted in production environment, the results do not standard to any of our Physicians The functionality was tsted in production environment, the results do not standard to any of our Physicians August, 2023 August, 2023 Cero(0) API Clients Applications connected to MedicusEHR. No credentials request have been made to any of our Physicians The functionality was tsted in production environment, the results do not standard to any of our Physicians The functionality was tsted in production environment, the results do not standard to any of our Physicians The functionality was tsted in production environment, the results do not standard to any of our Physicians The functionality was tsted in production environment, the results do not standard to any of our Physicians The functionality was tsted in production environment, the results do not standard to any of our Physicians The functionality was tsted in production environment, the results do not	10		capability to filter by date range • Filtering data by a specific date returns data accurately and as expected • Filtering data by a specific date range				
FHIR Authorization server to connect to our FHIR API with their redencialts (client id and password) August, 2023 Calculate and compile metrics August, 2023 Calculate and compile metrics August, 2023 August, 2023 Calculate and compile metrics August, 2023 Au	11		Treatment and Health Concerns narrative	July, 2023		MedicusEHR. No credentials request have been	The functionality was tsted in production environment, the results do not show any error
Calculate and compile metrics Cero(0) API Clients Applications connected to MedicusEHR. No credentials request have been made to any of our Physicians The functionality was tsted in production environment, the results do not state of the functionality was tsted in production environment, the results do not state of the functionality was tsted in production environment, the results do not state of the functionality was tsted in production environment, the results do not state of the functionality was tsted in production environment, the results do not state of the functionality was tsted in production environment, the results do not state of the functionality was tsted in production environment, the results do not state of the functionality was tsted in production environment, the results do not state of the functionality was tsted in production environment, the results do not state of the functionality was tsted in production environment, the results do not state of the functionality was tsted in production environment, the results do not state of the functionality was tsted in production environment, the results do not state of the functionality was tsted in production environment, the results do not state of the functionality was tsted in production environment, the results do not state of the functionality was tsted in production environment, the results do not state of the functionality was tsted in production environment, the results do not state of the functional transfer o	12		to connect to our FHIR API with their	August, 2023		MedicusEHR. No credentials request have been	The functionality was tsted in production environment, the results do not show any error
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. Authorized Representative Name: Michael O. Jimenez Authorized Representative Email: without Jimenez@asserus.com	13	Calculate and compile metrics		August, 2023		MedicusEHR. No credentials request have been	The functionality was tsted in production environment, the results do not show any error
Authorized Representative Email: michael jimenz@assetus.com			es that address all certification criteria and c	are settings. All information in this p	lan is up to dat	e and fully addresses the Health IT Developer's Real Worl	ld Testing requirements.
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Authorized Representative Signature: 10 (21 (2022) Michael Visual Man		Authorized Representative Signature:	10 /21 /2022	Michael Timenes			
Date: 10/31/2023 MULLAL JUNEAU A		Date:	10/31/2023	,			