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GENERAL INFORMATION

Plan Report ID Number: **20211102phy-1**

Developer Name: **Physicians EMR, LLC**

Product Name(s): **IPClinical**

Version Number(s): **2.1**

Product List (CHPL) ID(s): **15.05.05.2163.PEMR.01.00.1.200123**

Developer Real World Testing Page URL: https://ipclinical.com/IPClinical_RWT_Plan.html

JUSTIFICATION FOR REAL WORLD TESTING APPROACH

This is a Real World Testing Plan for following certification criteria:
§ 170.315(b)(1) - Transitions of care
§ 170.315(b)(2) - Clinical information reconciliation and incorporation
§ 170.315(e)(1) - View, download, and transmit to 3rd party
At this time, the Certified Health IT Module is currently marketed to and used by Cardiology specialty care setting and Internal Medicine specialty care settings. Most of the certification criteria involving the Consolidated Clinical Document Architecture (C-CDA) documents will be tested in this plan. All certification criteria listed in this plan are not part of standard workflow in these settings, still the Certified Health IT Module is capable to Send and Receive CCDA/Referral Note using Edge Protocols (e.g., SMTP, Direct), Incorporate and Reconcile CCDA and View and Download CCDA and Transmit encrypted & unencrypted messages. The approach chosen will identify the frequency of TOC received and sent during the year to further smoothen the process of interoperability and EHI exchange. The frequency of incorporating and reconciling CCDA will be evaluated to increase the process of adding new and referred patients through import.
The goal of this approach is to demonstrate that both the interoperability and conformance capabilities of the Certified Health IT module are consistent with the requirements of the above-mentioned certification criterion.

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

Standard (and version)	*NA*
Updated certification criteria and associated product	*NA*
Health IT Module CHPL ID	*15.05.05.2163.PEMR.01.00.1.200123*
Method used for standard update	*NA*

Date of ONC-ACB notification	*NA*
Date of customer notification (SVAP only)	*NA*
Conformance measure	*NA*
USCDI-updated certification criteria (and USCDI version)	*NA*

MEASURES USED IN OVERALL APPROACH

DESCRIPTION OF MEASUREMENT/METRIC

Measurement/Metric	Description
EHI Sharing	*This measure will identify the frequency of sending/receiving transition of care/referral summary documents, evaluate transmission mechanisms and check compliance of defined standards.* *The EHI transmitted through functions of View, Download & Transmit will be evaluated and authorized/unauthorized access will be verified.*
Increase Import & Reconcile	*This measure will assess the process of incorporating and reconciling transitioning and new patients. This metric will identify the frequency of patients added in the system through CCDA import and will evaluate the process conformance with specified standards.*

ASSOCIATED CERTIFICATION CRITERIA

Measurement/Metric	Associated Certification Criteria
EHI Sharing	*§ 170.315(b)(1) - Transitions of care* *§ 170.315(e)(1) - View, download, and transmit to 3rd party*
Increase Import & Reconcile	*§ 170.315(b)(2) - Clinical information reconciliation and incorporation*

JUSTIFICATION FOR SELECTED MEASUREMENT/METRIC

Measurement/Metric	Justification
EHI Sharing	*This measure includes three functionalities i.e. Send TOC/Referral Summaries, Receive TOC/Referral Summaries and EHI access through Patient Portal. Transition of Care documents will be shared through Edge Protocols (e.g., SMTP, Direct) whereas EHI will be shared through patient portal using download and encrypted/encrypted transmission.*

	This measure will help evaluate the types of transmission mechanism deployed and validate the proper operation of transport mechanism using Edge protocols. *This measure also includes EHI exchange and access through Patient Portal.* *This measure will check frequency of EHI exchange through VDT to evaluate compliance with standards specified and conformance with certification criteria.* *This measure would also provide information on system's capability to identify authorized/unauthorized access.*
Increase Import & Reconcile	*This metric includes two functionalities i.e. import/incorporate and reconcile.* *This measure will help us identify number of instances when patients are added through CCDA Import.* *It will help us improve the process of incorporating patient and reconciling in case of transition of care.* *This test method will primarily test the conformance of the implementation.*

CARE SETTING(S)

Care Setting	Justification
Cardiology Specialty Care Setting	*This Certified Health IT is currently marketed to and used by Cardiologists in Cardiology Specialty Care Setting. At this time, there are more than three providers from this setting using our Certified Health IT.*
Internal Medicine Specialty Care Setting	*Another care setting where this Certified Health IT is deployed is the Internal Medicine Specialty Care Setting. The product is also marketed to Internal Medicine Specialty Care Setting.*

EXPECTED OUTCOMES

Measurement/Metric	Expected Outcomes
EHI Sharing	• *It is expected that the Real World Testing approach will measure that these Certified Health IT modules comply with certification criteria, required technical standards and vocabulary code sets.* • *The Providers will be able to send/receive Transition of care using the Edge protocols and patients (or their authorized representatives) will be able to share EHI using transmission mechanisms provided as per certification criteria.* • *The real world testing approach will also evaluate the frequency of EHI exchange through all mechanisms and help us improve the process, where required.*

	• *The error rates and validation issues will encountered during the real world testing will be tracked and addressed accordingly.*
Increase Import & Reconcile	• *Real World Testing will show the compliance of Incorporating and Reconciling mechanism with specified standards and vocabulary code sets.* • *The process of incorporating and reconciling EHI into the system will be evaluated and improved.* • *The approach chosen will also examine the frequency of Import and Reconcile and will identify steps to increase this process.* • *The error rates and validation issues will be faced during the testing will be tracked and trended over time.*

SCHEDULE OF KEY MILESTONES

Key Milestone	Care Setting	Date/Timeframe
Release of Real World Testing plan documentation shared with office staff and providers using Certified Health IT module.	*Cardiology Specialty Care Setting/ Internal Medicine Specialty Care Setting*	*December 15, 2021*
Collection and Analysis of real patient data for real-world testing.	*Cardiology Specialty Care Setting/ Internal Medicine Specialty Care Setting*	*January, 2022*
Evaluate the transport mechanism used by providers for EHI exchange. Also identify the frequency of each mechanism.	*Cardiology Specialty Care Setting/ Internal Medicine Specialty Care Setting*	*Quarterly, 2022*
Check the frequency of CCDA Import & Reconcile and validate the process to confirm compliance.	*Cardiology Specialty Care Setting/ Internal Medicine Specialty Care Setting*	*Quarterly, 2022*
End of Real-World Testing period/final collection of all data for analysis.	*Cardiology Specialty Care Setting/ Internal Medicine Specialty Care Setting*	*December 31, 2022*
Analysis and Real World Testing report creation.	*Cardiology Specialty Care Setting/ Internal Medicine Specialty Care Setting*	*January, 2023*
Submit Real World Testing report to ACB (per their instructions).	*Cardiology Specialty Care Setting/ Internal Medicine Specialty Care Setting*	*January 15, 2023*

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.

Authorized Representative Name: **Rana Fahad Arshad**

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Authorized Representative Signature:

Date: **10/28/2021**

↳ Real World Testing Plan template

GENERAL INFORMATION

Plan Report ID Number: **20211102phy-2**

Developer Name: **Physicians EMR, LLC**

Product Name(s): **IPClinical**

Version Number(s): **2.1**

Product List (CHPL) ID(s): **15.05.05.2163.PEMR.01.00.1.200123**

Developer Real World Testing Page URL: https://ipclinical.com/IPClinical_RWT_Plan.html

JUSTIFICATION FOR REAL WORLD TESTING APPROACH

This Real World Testing Plan contains two certification criterion:
§ 170.315(b)(9) - Care plan
§ 170.315(h)(1) – Direct Project
The Certified Health IT Module is currently used by and marketed to Cardiology specialty care setting and Internal Medicine specialty care settings. Care Plan module is used quite rarely by both settings in real world but the Certified Health IT is completely capable to record all the elements of Care Plan and transmit it according to standards. The real world test plan will demonstrate data collection under each component of Care Plan and the association of all components with each other. System's ability to import and export Care Plan as per standards will also be evaluated. All these actions will be performed using real patient data.
Regarding § 170.315(h)(1) – Direct Project, the Cardiology specialty care setting has real-world scenario of receiving patient CCDA's from hospitals through Direct protocols. The Real World Testing Plan will demonstrate that the messages are received in wrapped format using given Applicability Statement standards and accurate delivery notification is sent back by Security/Trust Agents (STAs). Currently, the Certified Health IT do not send but only receives health information through Direct protocols in real-world but the standards are implemented for sending as well and this plan would also evaluate the system's ability to send Direct Message and receive Message Delivery Notification (MDN). Different aspects will be verified such as associated certificates, encryption, trust verification, delivery notifications etc.

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

Standard (and version)	*NA*
Updated certification criteria and associated product	*NA*
Health IT Module CHPL ID	*15.05.05.2163.PEMR.01.00.1.200123*

Method used for standard update	*NA*
Date of ONC-ACB notification	*NA*
Date of customer notification (SVAP only)	*NA*
Conformance measure	*NA*
USCDI-updated certification criteria (and USCDI version)	*NA*

MEASURES USED IN OVERALL APPROACH

DESCRIPTION OF MEASUREMENT/METRIC

Measurement/Metric	Description
Care plan Components Relationship	*This measure has been chosen to explain the relationship between components of Care plan and how important it is to effectively associate the information added under each component with other component. This measure will also identify mechanisms to improve process of recording data in each component.*
Secure and Successful Transmission	*This measure will classify the processes involved in receiving health information through Direct and evaluate them in terms of security and compliance.*

ASSOCIATED CERTIFICATION CRITERIA

Measurement/Metric	Associated Certification Criteria
Care plan Components Relationship	*§ 170.315(b)(9) - Care plan*
Secure and Successful Transmission	*§ 170.315(h)(1) - Direct Project*

JUSTIFICATION FOR SELECTED MEASUREMENT/METRIC

Measurement/Metric	Justification

Care plan Components Relationship	*This measure will make evident the effective association between Care plan components such as Health Concerns relation with Observation, Intervention relation with goals etc.* *The relationship between components will be evaluated both in the system and in the CCDA file format exported for transmission.* *Another reason for selecting this measure is because it will illustrate the efficiency of data collection in each Care plan component.*
Secure and Successful Transmission	*The reason for selecting this measure is because this criterion evolves around secure and encrypted transmission of patient health information and this measure will identify the security and compliance of process in real world data exchange.* *This measure will identify that security measures are applied to the code and to critical aspects of the data associated with the Security/Trust Agent (STA), including private keys, trust anchors, and other configurations. Certificate verification process will also be evaluated.* *The metric chosen will demonstrate successful transmission in terms of delivery notification process. Interaction between sending and receiving STA will be evaluated to examine the process.*

CARE SETTING(S)

Care Setting	Justification
Cardiology Specialty Care Setting	*This Certified Health IT is currently marketed to and used by Cardiologists in Cardiology Specialty Care Setting. At this time, there are more than three providers from this setting using our Certified Health IT.*
Internal Medicine Specialty Care Setting	*Another care setting where this Certified Health IT is deployed is the Internal Medicine Specialty Care Setting. The product is also marketed to Internal Medicine Specialty Care Setting.*

EXPECTED OUTCOMES

Measurement/Metric	Expected Outcomes
Care plan Components Relationship	• *The Real World Testing approach will measure that the Certified Health IT module of Care Plan comply with certification criteria, specified standards and Implementation Guides.* • *This approach will show the Certified Health IT's capability of recording and exchanging a Care plan for any care settings including the ones implemented and marketed.*

	• *Real patient data will be recorded and exchanged as part of Care plan between both care settings to ensure successful exchange and use of EHI.* • *Issues faced during the process will be addressed and steps will be taken to smoothen the process, where required.*
Secure and Successful Transmission	• *It is expected that the Real World Testing approach will measure that the Certified Health IT module comply with certification criteria, specified standards and Implementation Guides.* • *This measure will illustrate the exchange of electronic health information (EHI) in selected Cardiology care settings.* • *Security protocols will be explained that result in secure transmission.* • *Successful exchange will be demonstrated by incorporating and using electronic health information (EHI) received.* • *Errors confronted during the process will be tracked and fixed to assure secure and successful transmission.*

SCHEDULE OF KEY MILESTONES

Key Milestone	Care Setting	Date/Timeframe
Release of Real World Testing plan documentation shared with office staff and providers using Certified Health IT module.	*Cardiology Specialty Care Setting/ Internal Medicine Specialty Care Setting*	*December 15, 2021*
Collection of real-world patient data to perform Real-World Testing measures.	*Cardiology Specialty Care Setting/ Internal Medicine Specialty Care Setting*	*January, 2022*
Send and receive process evaluation in terms of security and successful transmission for Direct Project.	*Cardiology Specialty Care Setting/ Internal Medicine Specialty Care Setting*	*Quarterly, 2022*
Record and exchange Care plan to evaluate the process and streamline, if required.	*Cardiology Specialty Care Setting/ Internal Medicine Specialty Care Setting*	*Quarterly, 2022*
End of Real-World Testing period/final collection of all data for analysis.	*Cardiology Specialty Care Setting/ Internal Medicine Specialty Care Setting*	*December 31, 2022*
Analysis and Real World Testing report creation.	*Cardiology Specialty Care Setting/ Internal Medicine Specialty Care Setting*	*January, 2023*
Submit Real World Testing report to ACB (per their instructions).	*Cardiology Specialty Care Setting/ Internal*	*January 15, 2023*

	Medicine Specialty Care Setting	

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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Date: **10/28/2021**

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GENERAL INFORMATION

Plan Report ID Number: **20211102phy-3**

Developer Name: **Physicians EMR, LLC**

Product Name(s): **IPClinical**

Version Number(s): **2.1**

Product List (CHPL) ID(s): **15.05.05.2163.PEMR.01.00.1.200123**

Developer Real World Testing Page URL: https://ipclinical.com/IPClinical_RWT_Plan.html

JUSTIFICATION FOR REAL WORLD TESTING APPROACH

This is a Real World Testing Plan for the following 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
The Certified Health IT is currently marketed to and used by providers from Cardiology Care settings and Internal Medicine settings. At this moment, providers from both care settings are using these Certified Health IT modules to report CMS programs like MIPS and APM. The Real-World Testing approach will explain how the functionalities of import, export, calculate and report comply with certification criteria and technical standards. It will demonstrate the data recorded in patient record in real world, calculation taking place for each CQM, export of single and multiple patient data in QRDA I format for data exchange or migration and export of QRDA III format to reporting programs. Real-World Testing will also demonstrate Certified Health IT capability of performing all these steps without subsequent developer assistance.

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

Standard (and version)	*NA*
Updated certification criteria and associated product	*NA*
Health IT Module CHPL ID	*15.05.05.2163.PEMR.01.00.1.200123*
Method used for standard update	*NA*
Date of ONC-ACB notification	*NA*
Date of customer notification (SVAP only)	*NA*

Conformance measure	*NA*
USCDI-updated certification criteria (and USCDI version)	*NA*

MEASURES USED IN OVERALL APPROACH

DESCRIPTION OF MEASUREMENT/METRIC

Measurement/Metric	Description
Record, Export and Report	*This measure will demonstrate record and export mechanism that takes place without subsequent developer assistance. It will also show the aggregate data reported to CMS.*
Import & Calculate	*This measure will specify how the data is imported for single and batch patients as per latest value sets and calculated as per latest specifications without subsequent developer assistance.*

ASSOCIATED CERTIFICATION CRITERIA

Measurement/Metric	Associated Certification Criteria
Record, Export and Report	*§ 170.315(c)(1) Clinical quality measures (CQMs) — record and export* *§ 170.315(c)(3) Clinical quality measures (CQMs) — report*
Import & Calculate	*§ 170.315(c)(2) Clinical quality measures (CQMs) — import and calculate*

JUSTIFICATION FOR SELECTED MEASUREMENT/METRIC

Measurement/Metric	Justification
Record, Export and Report	*This metric includes three functionalities: Record patient data, Export single and batch patients and report aggregate data.* *This measure will evaluate patient data recorded on daily basis in real world environment and exported in case of data exchange or migration.* *The aggregate report is generated for data submission to CMS. This metric will explain how the data needs to be recorded in relative modules, exported with updated value sets and aggregated with accurate information.*
Import & Calculate	*This metric includes two functionalities named Import and Calculate.* *Data is imported for single or multiple patients into Certified Health IT and calculation takes place after import. This metric will identify that QRDA I file received for import contains latest value set or it will not validate.*

	It will also show the calculation taking place as per current CQM specifications and data gets entered in respective modules. *This metric will also specify that all workflows take place without subsequent developer assistance.*

CARE SETTING(S)

Care Setting	Justification
Cardiology Specialty Care Setting	*This Certified Health IT is currently marketed to and used by Cardiologists in Cardiology Specialty Care Setting. At this time, there are more than three providers from this setting using our Certified Health IT.*
Internal Medicine Specialty Care Setting	*Another care setting where this Certified Health IT is deployed is the Internal Medicine Specialty Care Setting. The product is also marketed to Internal Medicine Specialty Care Setting.*

EXPECTED OUTCOMES

Measurement/Metric	Expected Outcomes
Record, Export and Report	• *Real World Testing will demonstrate that the Health IT Module is conformant to the following certification criteria: §170.315(c)(1) Clinical quality measures (CQMs) — record and export and §170.315(c)(3) Clinical quality measures (CQMs).* • *Real World Testing will demonstrate the ability of Certified Health IT to export EHI in QRDA I format for single/multiple patients to be used by external organization.* • *Real World Testing will also demonstrate Certified Health IT compliance with QRDA III standards to transmit aggregate patient population and CQMs data to CMS.* • *Issues occurred during QRDA I export will be will be evaluated and addressed to comply. Validation issues arising during QRDA III file submission to CMS will also be fixed as part of this approach.*
Import & Calculate	• *Real World Testing will demonstrate that the Health IT Module is conformant to the following certification criteria: §170.315(c)(2) Clinical quality measures (CQMs) — import and calculate.* • *Real World Testing will demonstrate capability of Health IT Module to receive patient's EHI from external organization through successful import of QRDA I file.* • *Validation errors that will occur during import mechanism will be evaluated and fixed under this real world testing approach.*

	• *The calculation methodology will also be reviewed to assure accurate results.*

SCHEDULE OF KEY MILESTONES

Key Milestone	Care Setting	Date/Timeframe
Release of Real World Testing plan documentation to office staff and providers using Certified Health IT module.	*Cardiology Specialty Care Setting/ Internal Medicine Specialty Care Setting*	*December 15, 2021*
Generate aggregate QRDA III report with calculated summary data for the patient population of CQMs selected for reporting to CMS.	*Cardiology Specialty Care Setting/ Internal Medicine Specialty Care Setting*	*January 1, 2022 – March 31, 2022*
Follow-up with providers and clinical staff on regular basis to discuss any issues arising with recording data.	*Cardiology Specialty Care Setting/ Internal Medicine Specialty Care Setting*	*Quarterly, 2022*
Analysis on import/export of QRDA I from/to external organization.	*Cardiology Specialty Care Setting/ Internal Medicine Specialty Care Setting*	*December, 2022*
Analysis and Real World Testing report creation.	*Cardiology Specialty Care Setting/ Internal Medicine Specialty Care Setting*	*January, 2023*
Submit Real World Testing report to ACB (per their instructions).	*Cardiology Specialty Care Setting/ Internal Medicine Specialty Care Setting*	*January 15, 2023*

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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Date: **10/28/2021**

↳ Real World Testing Plan template

GENERAL INFORMATION

Plan Report ID Number: **20211102phy-4**

Developer Name: **Physicians EMR, LLC**

Product Name(s): **IPClinical**

Version Number(s): **2.1**

Product List (CHPL) ID(s): **15.05.05.2163.PEMR.01.00.1.200123**

Developer Real World Testing Page URL: https://ipclinical.com/IPClinical_RWT_Plan.html

JUSTIFICATION FOR REAL WORLD TESTING APPROACH

This is a Real World Testing Plan for the following two certification criteria:
§ 170.315(f)(1) - Transmission to immunization registries
§ 170.315(f)(2) - Transmission to public health agencies - syndromic surveillance
The Certified Health IT Module is currently used by and marketed to Cardiology specialty care setting and Internal Medicine specialty care settings. Though the Certified Health IT has not integrated with any Public Health and Clinical Data Registry for any of the care settings but it is compliant to content exchange and vocabulary standards. This Certified Health IT Module has not been utilized in real-world since the care settings do not have a great frequency of immunizations information and syndromic surveillance data sharing. Therefore, the approach chosen for Real World Testing Plan will test system's capability to record complete immunization information, generate appropriate HL7 messages for both Immunization and syndromic surveillance, receive & process acknowledgement messages and cover all applicable scenarios' of certification criteria. The Real World Testing Plan will also analyze the frequency of immunization and syndromic surveillance data exchange in case of integration with Public Health and Clinical Data Registry and what measure can be taken to streamline the process.

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

Standard (and version)	*NA*
Updated certification criteria and associated product	*NA*
Health IT Module CHPL ID	*15.05.05.2163.PEMR.01.00.1.200123*
Method used for standard update	*NA*
Date of ONC-ACB notification	*NA*

Date of customer notification (SVAP only)	*NA*
Conformance measure	*NA*
USCDI-updated certification criteria (and USCDI version)	*NA*

MEASURES USED IN OVERALL APPROACH

DESCRIPTION OF MEASUREMENT/METRIC

Measurement/Metric	Description
Send and Receive Mechanism	*This measure will examine the format and authenticity of HL7 messages generated by Health IT module. This measure will also evaluate the transmission and processing of both Immunization and Syndromic Surveillance information. Message and Profile Pairs will be verified to confirm accuracy of information sent and received.*
Applicable Scenarios	*This measure will verify that the Health IT module is capable of handling all possible scenario of sending and receiving Immunization and Syndromic Surveillance information. The measure would evaluate that the system is able to effectively record, update and send information in all type of scenarios.*

ASSOCIATED CERTIFICATION CRITERIA

Measurement/Metric	Associated Certification Criteria
Send and Receive Mechanism	*§ 170.315(f)(1) - Transmission to immunization registries* *§ 170.315(f)(2) - Transmission to public health agencies - syndromic surveillance*
Applicable Scenarios	*§ 170.315(f)(1) - Transmission to immunization registries* *§ 170.315(f)(2) - Transmission to public health agencies - syndromic surveillance*

JUSTIFICATION FOR SELECTED MEASUREMENT/METRIC

Measurement/Metric	Justification
Send and Receive Mechanism	*This measure mainly involve two functionalities i.e. generate and send HL7 messages and receive HL7 response against the message/request sent. Purpose of this measure is to verify the HL7 message infrastructure that it includes all segments defined by HL7 messaging specifications such as MSH,*

	PID, OBX, RXA etc. and that each segment contains all the required information. The HL7 message infrastructure will be checked using real patient data. Moreover, this measure will help evaluate system's capability of using correct Message Type, Profile and Acknowledgement code. Response to query of Z42 and Z33 messages will also be examined with this metric.
Applicable Scenarios	*This measure will specify that the Health IT module is able to record and send complete Demographic information, Registry Information, Observations and mostly importantly, Vaccine Administration Information. The main purpose of this measure is to make sure that Health IT module sends complete and accurate information in the message and receives appropriate response. Another purpose of this measure is to examine that the system accurately processes all the information received in response to a query of Evaluated History and Forecast and all the information received is accurately displayed in the system.*

CARE SETTING(S)

Care Setting	Justification
Cardiology Specialty Care Setting	*This Certified Health IT is currently marketed to and used by Cardiologists in Cardiology Specialty Care Setting. At this time, there are more than three providers from this setting using our Certified Health IT.*
Internal Medicine Specialty Care Setting	*Another care setting where this Certified Health IT is deployed is the Internal Medicine Specialty Care Setting. The product is also marketed to Internal Medicine Specialty Care Setting.*

EXPECTED OUTCOMES

Measurement/Metric	Expected Outcomes
Send and Receive Mechanism	• *It is expected that the Real World Testing approach will measure that the Certified Health IT module comply with certification criteria, required technical standards and vocabulary code sets.* • *The metric chosen will identify any issue with structure of file formats and transmission mechanism to address them.* • *Though the Health IT has not integrated with a Public Health and Clinical Data Registry, but the Real-World Testing will test Health IT conformance with standards required to integrate.* • *Real-World testing will examine the processing of incoming messages to confirm appropriate response for authentic interoperability.* • *Most importantly, this approach will track the issues occurred during transmission process to address them accordingly.*

Applicable Scenarios	• *The Real World Testing approach will measure that the Certified Health IT module is conformant to record and send all the information required for sending an HL7 message.* • *The approach chosen will specify that the Health IT module supports all possible scenarios of sharing Immunization and Syndromic Surveillance information.* • *This approach will evaluate the efficiency of Health IT module to record all required information for transmission. The issues confronted during the process will be analyzed and fixed.*

SCHEDULE OF KEY MILESTONES

Key Milestone	Care Setting	Date/Timeframe
Release of Real World Testing plan documentation shared with office staff and providers using Certified Health IT module.	*Cardiology Specialty Care Setting/ Internal Medicine Specialty Care Setting*	*December 15, 2021*
Collection of real-world patient data for testing.	*Cardiology Specialty Care Setting/ Internal Medicine Specialty Care Setting*	*January 1, 2022*
System and transmission process evaluation as per Real-World Testing approach.	*Cardiology Specialty Care Setting/ Internal Medicine Specialty Care Setting*	*Quarterly, 2022*
End of Real-World Testing period/final collection of all data for analysis.	*Cardiology Specialty Care Setting/ Internal Medicine Specialty Care Setting*	*December, 2022*
Analysis and Real World Testing report creation.	*Cardiology Specialty Care Setting/ Internal Medicine Specialty Care Setting*	*January, 2023*
Submit Real World Testing report to ACB (per their instructions).	*Cardiology Specialty Care Setting/ Internal Medicine Specialty Care Setting*	*January 15, 2023*

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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Date: **10/28/2021**

↳ Real World Testing Plan template

GENERAL INFORMATION

Plan Report ID Number: **20211102phy-5**

Developer Name: **Physicians EMR, LLC**

Product Name(s): **IPClinical**

Version Number(s): **2.1**

Product List (CHPL) ID(s): **15.05.05.2163.PEMR.01.00.1.200123**

Developer Real World Testing Page URL: https://ipclinical.com/IPClinical_RWT_Plan.html

JUSTIFICATION FOR REAL WORLD TESTING APPROACH

This is a Real World Testing Plan for following certification criteria:
§ 170.315(g)(7) - Application access — patient selection
§ 170.315(g)(8) - Application access — data category request
§ 170.315(g)(9) - Application access — all data request
At this time, the Certified Health IT Module is only marketed to and used by the Cardiology specialty care setting and Internal Medicine specialty care settings. The Certified Health IT has implemented an Application Programming Interface (API) capable to integrate with platforms (Websites, Applications) requiring patient demographic and clinical information. Currently, the Certified Health IT has not integrated its API with any platform to share patient information but it is still conformant to all above-mentioned certification criteria. The Real-World testing will specify Health IT module's API capability to receive requests using OAuth 2.0 protocol authentication process, then uniquely identify a patient and return a token for access to patient information or individual data categories as per initiated request. The Real-World testing will also demonstrate the API conformance to the request of all data categories as specified in the Common Clinical Data Set (CCDS) and the ability to return response based on specific data or date range.

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

Standard (and version)	*NA*
Updated certification criteria and associated product	*NA*
Health IT Module CHPL ID	*15.05.05.2163.PEMR.01.00.1.200123*
Method used for standard update	*NA*
Date of ONC-ACB notification	*NA*

Date of customer notification (SVAP only)	*NA*
Conformance measure	*NA*
USCDI-updated certification criteria (and USCDI version)	*NA*

MEASURES USED IN OVERALL APPROACH

DESCRIPTION OF MEASUREMENT/METRIC

Measurement/Metric	Description
Completeness of Response	*This metric will be used to identify and explain the response generated for each type of request including patient selection, data category and all data. This measure will request both complete patient data and individual elements along with specific date range to check authenticity and completeness of response. Real-world patient data will be requested to examine all the response.*

ASSOCIATED CERTIFICATION CRITERIA

Measurement/Metric	Associated Certification Criteria
Completeness of Response	*§ 170.315(g)(7) - Application access — patient selection* *§ 170.315(g)(8) - Application access — data category request* *§ 170.315(g)(9) - Application access — all data request*

JUSTIFICATION FOR SELECTED MEASUREMENT/METRIC

Measurement/Metric	Justification
Completeness of Response	*The reason for selecting this measure is because it would help us identify that correct parameters and return variables are being used with their data types for appropriate response.* *This metric will also verify that meaningful responses are returned to queries so it is easy to identify what patient data is available.* *This measure will help us examine the completeness of response for individual data category and all patient data request.* *Different date ranges will be used in this measure to evaluate system's ability of generating accurate and complete response.*

CARE SETTING(S)

Care Setting	Justification
Cardiology Specialty Care Setting	*This Certified Health IT is currently marketed to and used by Cardiologists in Cardiology Specialty Care Setting. At this time, there are more than three providers from this setting using our Certified Health IT.*
Internal Medicine Specialty Care Setting	*Another care setting where this Certified Health IT is deployed is the Internal Medicine Specialty Care Setting. The product is also marketed to Internal Medicine Specialty Care Setting.*

EXPECTED OUTCOMES

Measurement/Metric	Expected Outcomes
Completeness of Response	• *It is expected that the Real World Testing approach will measure that the Certified Health IT comply with certification criteria and required technical standards.* • *The Real World Testing will mainly identify system's capability of sharing real-world patient data as per defined standards.* • *Accuracy and completeness of data response will be evaluated based on different requests with different date ranges.* • *It will also conform Health IT's capability to integrate with any system for sharing Patient Electronic Health Information.* • *Issues faced during the process will tracked and trended over time.*

SCHEDULE OF KEY MILESTONES

Key Milestone	Care Setting	Date/Timeframe
Release of Real World Testing plan documentation shared with office staff and providers using Certified Health IT module.	*Cardiology Specialty Care Setting/ Internal Medicine Specialty Care Setting*	*December 15, 2021*
Collection of real-world patient data for testing.	*Cardiology Specialty Care Setting/ Internal Medicine Specialty Care Setting*	*January 1, 2022*
API transmission process evaluation as per Real-World Testing approach.	*Cardiology Specialty Care Setting/ Internal*	*Quarterly, 2022*

	Medicine Specialty Care Setting	
End of Real-World Testing period/final collection of all data for analysis.	*Cardiology Specialty Care Setting/ Internal Medicine Specialty Care Setting*	*December, 2022*
Analysis and Real World Testing report creation.	*Cardiology Specialty Care Setting/ Internal Medicine Specialty Care Setting*	*January, 2023*
Submit Real World Testing report to ACB (per their instructions).	*Cardiology Specialty Care Setting/ Internal Medicine Specialty Care Setting*	*January 15, 2023*

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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Date: **10/28/2021**