

# REAL WORLD TESTING PLAN

## GENERAL INFORMATION

<b>Plan Report ID Number</b>	20221102fig
<b>Developer Name</b>	FIGmd Inc. (an MRO company)
<b>Product Name(s)</b>	FIGmd Pegasus Quality Platform
<b>Version Number(s)</b>	2.0
<b>Certified Health IT Product List (CHPL) ID(s)</b>	15.02.05.2726.FIGM.01.01.0.220124
<b>Developer Real World Testing Plan Page URL</b>	<a href="https://www.figmd.com/real-world-testing.php">https://www.figmd.com/real-world-testing.php</a>

## JUSTIFICATION FOR REAL WORLD TESTING APPROACH

The real world testing approach selected to test Pegasus Quality Platform validates how Pegasus Quality platform is used by FIGmd’s customers in the production environment using actual practice/provider data.

This approach would demonstrate that Pegasus Quality platform is compliant with c(1), c(2) and c(3) Cures Act criteria against which it is currently certified.

It would also demonstrate that:

1. Providers/Practices using Pegasus Quality platform in the production environment are able to generate QRDA1 and/or QRDA3 files for CMS measures relevant to the practice/provider (while testing we would use CMS 130, CMS 122 and CMS 068, as these CMS measures are most widely used by our customers).
2. Providers/Practices can upload QRDA1 files and download QRDA1 and/or QRDA3 files by themselves.
3. FIGmd’s customers use the QRDA3 files for their annual CMS submissions.

Steps to be used for testing are listed in the “Measures used in overall approach” section.

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

(USCDI))

Standard (and version)	2015 Edition Cures update
Updated certification criteria and associated product	c(3) cures update, FIGmd Pegasus Quality Platform
Health IT Module CHPL ID	15.02.05.2726.FIGM.01.01.0.220124
Method used for standard update	Cures Update
Date of ONC ACB notification	Oct 13, 2022
Date of customer notification (SVAP only)	NA. SVAP was not used.
Conformance measure	Ability of users to upload data in QRDA1 format. Ability of users to generate QRDA 3 files, and QRDA1 and QRDA 3 files are available for download
USCDI updated certification criteria (and USCDI version)	NA

## MEASURES USED IN OVERALL APPROACH

### Description of Measurement/Metric

The testing would be done in three different phases using the test steps listed below. The results of each round of testing would be captured and would be compared at the end of 2023.

The use case includes the following steps to test FIGmd Pegasus Quality Platform for compliance with criteria c(1), c(2),c(3) cures act criteria.

#### C(1):

1. FIGmd will identify a practice for Real World Testing, which shares data with us in QRDA1 format.
2. FIGmd would identify the CMS measure depending on the selected practice data.
3. FIGmd Pegasus Quality Platform will automatically ingest the data received as part of step 1.
4. Based on the uploaded input, FIGmd Pegasus Quality Platform would compute the measures and automatically generate QRDA 1 files which will be available for download.

#### C(2) and C(3) Cures Act criteria

1. FIGmd Pegasus Quality Platform has a “Upload file” button (for importing files).
2. QRDA 1 files (generated as part of c(1) testing) or a separate QRDA1 file provided by the practice can be uploaded/imported to FIGmd Pegasus Quality Platform.
3. After selecting the QRDA 1 file and clicking on the “Upload file” button, the QRDA 1 file is uploaded/imported to the FIGmd Pegasus Quality Platform.
4. FIGmd Pegasus Quality Platform ingests the uploaded QRDA 1 file, processes it and generates QRDA 1 and QRDA 3 files.
5. The user would then be able to download/export either QRDA1 and/or QRDA 3 file based on his/her requirement.

This testing would be performed on the live/production environment of FIGmd Pegasus Quality platform which is used by our actual users. The identified CMS measure testing would be aligned with the measure specifications of 2023. The testing would span over a period of time to ensure that similar results are obtained at each instance of testing.

Measurement/Metric	Description
Ability of users to upload data in QRDA1 format	Users are able to upload data in QRDA1 format and QRDA1 files are available for download.
Ability of users to generate QRDA 3 files and QRDA1 and QRDA 3 files are available for download.	Users are able to upload QRDA1 files to Pegasus Quality Platform and Pegasus Quality Platform is able to generate QRDA 3 files and both QRDA1 and QRDA 3 files are available for download.

### Associated Certification Criteria

Measurement/Metric	Associated Certification Criteria	Relied Upon Software (if applicable)
Ability of users to upload data in QRDA1 format	C(1), C(2), C(3) Cures Act criteria	None
Ability of users to generate QRDA 3 files and QRDA1 and QRDA 3 files are available for download.	C(1), C(2), C(3) Cures Act criteria	None

### Justification for Selected Measurement/Metric

As mentioned earlier in the plan, the measures selected to test Pegasus Quality Platform validates how Pegasus Quality platform is used by FIGmd’s customers in the production environment using actual practice/provider data.

This approach would demonstrate that Pegasus Quality platform is compliant with c(1), c(2) and c(3) cures act criteria against which it is currently certified.

It would also demonstrate that:

1. Providers/Practices using Pegasus Quality platform in the production environment are able to generate QRDA1 and/or QRDA3 files for CMS measures relevant to the practice/provider (while testing we would use CMS 130, CMS 122 and CMS 068, as these CMS measures are most widely used by our customers).
2. Providers/Practices can upload QRDA1 files and download QRDA1 and/or QRDA3 files by themselves.
3. FIGmd’s customers use the QRDA3 files for their annual CMS submissions.

Steps to be used for testing are listed in the “Measures used in overall approach” section.

Measurement/Metric	Justification
Ability of users to upload data in QRDA1 format	Users are able to upload data in QRDA1 format and QRDA1 files are available for download.
Ability of users to generate QRDA 3 files and QRDA1 and QRDA 3 files are available for download.	Users are able to upload QRDA1 files to Pegasus Quality Platform and Pegasus Quality Platform is able to generate QRDA 3 files and both QRDA1 and QRDA 3 files are available for download.

**Care Setting(s)**

Care Setting	Justification
Primary Care - Outpatient individual primary care office visits.	This care setting is used by the majority of the practices that use FIGmd Pegasus Quality Platform. This care setting is representative of all care settings serviced by FIGmd Pegasus Quality platform as the testing or test results would not vary across different care settings. The functionality of Pegasus Quality platform would allow the users to upload data in QRDA1 format and QRDA1 files are available for download, and users would be able to generate QRDA 3 files and be able to download QRDA1 and QRDA3 files by themselves.

### Expected Outcomes

Measurement / Metric	Expected Outcomes	Justification
Ability of users to upload data in QRDA1 format	All providers/practices would be able to upload QRDA1 files in Pegasus Quality Platform, for CMS 130, CMS 122 and CMS 068.	Success criteria: All attempts to upload QRDA1 files on Pegasus Quality Platform must be successful.
Ability of users to generate QRDA 3 files and QRDA1 and QRDA 3 files are available for download.	All providers/practices would be able to generate QRDA3 and download QRDA1 and/or QRDA3 files from Pegasus Quality Platform for CMS 130, CMS 122 and CMS 068.	Success criteria: All uploaded QRDA1 files should be processed, corresponding QRDA3 files should be generated. All attempts to download QRDA1 and QRDA3 files should be successful.

All providers/practices would be able to generate QRDA1 and/or QRDA3 files for CMS 130, CMS 122 and CMS 068.

Outcome for C(1):

1. CMS Measure identified for demonstrating the real world scenario.
2. Data in QRDA1 format is automatically ingested by FIGmd Pegasus Quality Platform.
3. QRDA 1 files generated by Pegasus Quality Platform are available for download.

Screenshots would be provided to support the demonstration.

Outcome C(2) & C(3) Cures Act criteria-

1. QRDA 1 file successfully ingested/imported in the FIGmd Pegasus Quality Platform
2. QRDA 3 file successfully generated by the FIGmd Pegasus Quality Platform.
3. QRDA 3 file and QRDA 1 file are available to be exported from the FIGmd Pegasus Quality Platform.
4. QRDA 3 file and/or QRDA1 file are successfully exported/downloaded from the FIGmd Pegasus Quality Platform.

Screenshots would be provided to support the demonstration

## SCHEDULE OF KEY MILESTONES

Key Milestone	Care Setting	Date/Timeframe
Plan Preparation	Primary Care - Outpatient individual primary care office visits	Sep 30, 2022
Plan submission to ONC-ACB for publishing on CHPL	NA	Oct 15, 2022
Publishing the Plan on corporate website	NA	Dec 31, 2022
Share RWT results with ONC-ACB for review	NA	Jan 15, 2023
Publishing RWT Test Results for 2022 (i.e. based on plan of 2021) on corporate website	NA	Feb 2, 2023
Estimation for Testing	NA	Feb 28, 2023
Environment setup	NA	April 30, 2023
Testing - round 1	Primary Care - Outpatient individual primary care office visits	Jun 30, 2023
Testing - round 2	Primary Care - Outpatient individual primary care office visits	Sep 30, 2023
Testing - round 3	Primary Care - Outpatient individual primary care office visits	Nov 30, 2023
Test Result Submission to ONC-ACB for publishing on CHPL	NA	Jan 15, 2024
Publishing RWT Test Results for 2023 (i.e. based on plan of 2022) on corporate website	NA	Feb 2, 2024

## 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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<b>Authorized Representative Signature</b>	<i>Anthony J Murray</i>
<b>Date</b>	10/13/2022

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<sup>i</sup> Certified health IT continues to be compliant with the certification criteria, including the required technical standards and vocabulary codes sets; certified health IT is exchanging EHI in the care and practice settings for which it is marketed for use; and EHI is received by and used in the certified health IT. (85 FR 25766)

<sup>ii</sup> <https://www.federalregister.gov/d/2020-07419/p-3582>