

## WorldVistA Real World Testing Plan

### GENERAL INFORMATION

Plan Report ID Number	20231107wva
Developer Name	WorldVistA
Product Name(s)	popHealth
Version Number(s)	6.0
Certified Health IT Product List (CHPL) ID(s)	15.02.05.2551.WOVA.01.03.0.220202
Developer Real World Testing Plan Page URL	<a href="https://worldvista.org/pophealth/pophealth-realworld-testing">https://worldvista.org/pophealth/pophealth-realworld-testing</a>

### Justification for the Real World Testing Plan Approach:

popHealth is an open source product that is available for quality measure reporting and creation of the QRDA III summary report from QRDA I submissions. This includes the calculations for each of the measures included which are the Meaningful Use provider quality measures and the Meaningful Use hospital quality measures. These measures also cover some MIPS reporting measures. The measures covered are listed on CHPL.

Users of popHealth are not required to report if they are using popHealth to us as we are not a traditional vendor selling a product with a fixed code base that may not be altered by the user. That said, we do have a few users who are very likely willing to cooperate with the real world testing process of the unaltered certified popHealth.

Currently we only know of a limited number of settings where it is being used or is planned to be used. One is by a developer of an EHR who intended to use popHealth to help certify his EHR and this EHR is designed to be used in both an ambulatory and a hospital setting. We believe he did succeed in certifying his EHR, but we do not know if he used popHealth at this time. Another is a group of group of 80 private practitioners that specialize in the care of a limited number of patient problems and although they may use popHealth, they are not at this time. A third has expressed an interest but we don't know if he has any intention of using it. We have reason to believe we can have cooperation from these users in the testing of popHealth, learning how well the software worked in their settings and what measures were used to generate a QRDA III report.

The plan will be to report what measures QRDA I files were exported for the 170315(c)(2) criteria. 170315(c)(3) requires importing data files, which are in fact, QRDA I files generated by the user and thus for testing, we would want to know that popHealth successfully imported data files that were compliant with the QRDA I standards and if not, why not. We believe it would be helpful to innumerate know problems users were having with their QRDA I files that caused the imports to fail which were not actually a failure of popHealth as it may assist other users.

- \* Ambulatory Care
- \* Hospital reporting

**Process (SVAP and United States Core Data for Interoperability and Standards Update**

Not applicable for this project.

Measurement/Metric	Description
170.315(c)(2)	<ol style="list-style-type: none"> <li>1. Import patient data (in the form of QRDA I reports generated by the user) and verify they can be imported if they are properly formatted. These include the quality measures listed here: <a href="https://chpl.healthit.gov/#/listing/10816">https://chpl.healthit.gov/#/listing/10816</a></li> <li>2. Verify all QRDA Is were imported.</li> <li>3. Do a manual calculation to determine the numerator, denominator, etc. populations</li> <li>4. Generate the QRDA CAT1s from these imported QRDA CAT I</li> <li>5. Perform the measure calculation</li> <li>6. Using the popHealth UI, verify the patients associated with each population group, i.e., numerator, denominator, etc. match those calculated in step 1.</li> </ol>
170.315(c)(3)	Generate a QRDA III file from the data imported and verify it is correct

**Expected Outcomes**

Measurement/Metric	Expected Outcomes
170.315(c)(2)	popHealth imports data from QRDA Is and exports a valida QRDA I from the imported data popHealth calculatee the numerators and denominators from the imported data. We will work with users if they request help and let us know they are using the open source software.
170.315(c)(3)	popHealth produces a properly formatted QRDA III from the imported QRDA Is. The new requirements for 170.315(c)(3) are in the process of being updated and tested and completion of testing with Cypress and any current users is expected to be completed by December 31, 2023. Errors will be corrected if they are due to the software and not users faulty QRDAs. We will work with users if they request help and let us know they are using the open source software.

Measurement Metric	Justification
170.315(c)(2)	For the Eligible Provider Quality Measures we anticipate being able to test with a wound care practice and an EHR used in both private practice and ambulatory settings.
170.315(c)(3)	We anticipate being able to test with an EHR being used in a hospital as well as private practice settings for Psychiatry.

**Justification for Selected Measurement/Metric**

Care Setting	Justification
Ambulatory	We feel that use of Cypress to have testers check that their QRDA files are correct and then to determine whether or not they were successful in submitting their files should be a very robust way to test.
Hospital	We feel that use of Cypress to have testers check that their QRDA files are correct and then to determine whether or not they were successful in submitting their files should be a very robust way to test.

**Schedule of Milestones:**

Users of popHealth are not required to report if they are using popHealth to us as we are not a traditional vendor selling a product with a fixed code base that may not be altered by the user. That said, we do have a few users who are very likely willing to cooperate with the real world testing process of the unaltered certified popHealth. See the justification section above.

If we have users who step forward and agree to participate in Real World Testing, we will report the results biannually with the Real World Testing Results for both the ambulatory and hospital settings. Thus far there have not been any users who have participated in real world testing. We anticipate reporting in June and December if anyone completes the process.

**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.

**Name:** Nancy E. Anthracite, President, WorldVista **Date:** 11/7/2023

A handwritten signature in blue ink that reads "Nancy E. Anthracite, M.D." The signature is written in a cursive style.

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