



ONC 170.405 Real World Testing Plan - Mediportal M-Power 5.0

This Real World Testing (RWT) Plan satisfies the requirements for ONC 170.405 by demonstrating the performance, security, interoperability, and usability of Mediportal's M-Power 5.0 in a real-world ambulatory setting, specifically a gastroenterology practice.

General Information

Developer Name: Mediportal, LLC

Product Name: M-Power

Version: 5.0

Certification Number: 15.04.04.3149.Mpow.05.00.0.230404

Date Certified: 4/4/2023

Real World Testing Page URL: <https://www.mediportal.com/rwt>

Disclaimer: This Health IT Module is compliant with the ONC Certification Criteria for Health IT and has been certified by an ONC-ACB in accordance with applicable criteria adopted by the Secretary of Health and Human Services. This certification does not represent an endorsement by the U.S. Department of Health and Human Services.

Testing Plan Overview

The purpose of this Real World Testing plan is to demonstrate M-Power 5.0's performance, security, interoperability, and usability in an ambulatory gastroenterology practice setting. The testing includes workflows like patient check-in, medication prescriptions via DoseSpot, and other practice-specific tasks.

Justification for Real World Testing Approach

The approach outlined in this plan reflects Mediportal's dedication to ensuring M-Power's conformance to ONC's certification criteria. Real World Testing will involve observation and evaluation of M-Power's capabilities in active gastroenterology practice environments. The methodology considers system use by providers, administrative staff, and patients, covering core certified criteria and their interoperability in realistic care workflows. Measures are tailored to demonstrate ongoing compliance and practical utility of the certified capabilities.

Standards Version Advancement Process (SVAP) Standards Updates

Currently, M-Power 5.0 is not certified to any SVAP standards. The following table reflects the absence of applicable updates:

Standard (and version)	Updated certification criteria and associated product	Health IT Module CHPL ID	Date of ONC ACB notification	Date of customer notification	Conformance method and measurement/metric(s)
Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

Testing Methodology

Settings: Ambulatory healthcare setting across three locations.

Participants: Healthcare providers, administrative staff, patients.

Use Cases: Patient check-in, medication prescription, general clinical documentation, and patient record retrieval.

Integration Testing: Ensuring interoperability with DoseSpot (e-prescribing) and DataMotion (Direct Messaging).

Measures and Metrics

Metrics have been outlined to cover ONC certification criteria and measure M-Power's performance under real-world conditions. Metrics are designed to account for variables like device type and internet speed.

Description of Measurement/Metric

1. Single Patient Export Success Rate: Measures successful export of electronic health information (EHI) for individual patients.
2. Population Patient Export Completion Time: Evaluates time taken to complete exports for 1,000-patient datasets.

Example Metrics:

- Authentication Success Rate: 99% login success across users.
- Session Timeout Accuracy: 98% of session's time out as expected.
- Audit Log Completeness: 100% of auditable events are logged.
- E-Prescription Transmission Rate: 95% success rate via DoseSpot.
- System Uptime: 99.9% uptime during operational hours.
- Data Export Speed: Completion within 10 minutes for 1,000-patient data exports.
- Usability and Accessibility Satisfaction: 90% user satisfaction.
- MFA Usage: 100% compliance among providers and admin staff.

Description of Measurement/Metric

1. Single Patient Export Success Rate: Measures successful export of electronic health information (EHI) for individual patients.
2. Population Patient Export Completion Time: Evaluates time taken to complete exports for 1,000-patient datasets.

Associated Certification Criteria

Measurement/Metric	Associated Certification Criteria
Single Patient Export Success Rate	(b)(10): Electronic Health Information export
Population Patient Export Time	(b)(10): Electronic Health Information export

Justification for Selected Measurement/Metric

These metrics directly assess M-Power's compliance with (b)(10) requirements by testing the product's export functionality in real-world scenarios. They align with clinical workflows that rely on accurate and timely data exchange.

Care Setting(s)

The selected measures will be tested within ambulatory gastroenterology practices, representing the primary care setting in which M-Power is marketed and deployed.

Expected Outcomes

1. Single Patient Export: Demonstrates consistent success in exporting EHI without errors.
2. Population Patient Export: Confirms system capability to handle large-scale data exports efficiently within a defined timeframe.

Outcomes and Reporting

Testing outcomes will be documented and analyzed to ensure M-Power's compliance and performance in real-world scenarios. Reports will cover any detected issues, user feedback, and metrics on system reliability.

Timeline

The Real World Testing period spans a full operational year to capture comprehensive data. Milestones will include quarterly reviews of metrics to ensure ongoing compliance and adjustments as necessary.

Schedule of Key Milestones

Key Milestone	Care Setting	Date/Timeframe
Initiate Real World Testing	Gastroenterology practices	January 2025
Single Patient Export Tests	Gastroenterology practices	Q1 2025
Population Export Tests	Gastroenterology practices	Q2 2025
Data Analysis and Reporting	All participating care settings	Q3 2025

Additional Considerations

This testing plan accounts for possible performance impacts due to internet speed, device compatibility, and accessibility. Users will have access to support and training, ensuring that issues encountered are addressed promptly and training needs are met.

Attestation

This Real World Testing plan is complete with all required elements, including measures addressing 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.

Signed by:
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