# Real World Testing Plan

Friday, October 19, 2023

## General Information

Plan Report ID Number: 20231019bec

Developer Name: Becton Dickinson and Company

Product Name(s): AUR Reporting Module

Version Number(s): 4

Certified Health IT Product List (CHPL) ID(s): 15.02.02.3024.A077.01.00.0.181009

Developer Real World Testing Page URL: https://www.bd.com/en-us/resource-and-education/honors-recognition-healthsight-medmined-earns-mu3-certification


## Justification for Real World Testing Approach

By leveraging data from a hospital's electronic medical record, physician order entry, laboratory and pathology systems to monitor patients for adverse drug events and interactions, BD HealthSight™ Clinical Advisor and Infection Advisor with MedMined™ Insights can alert clinicians and pharmacists and identify opportunities for antimicrobial stewardship across the continuum of care.

The AUR Reporting Module enables clinicians to submit AUR data into the NHSN platform, thereby benchmarking their antibiotic usage and organism resistance data nationally to target areas for improvement.

Our approach for Real World Testing involves measuring our ability to successfully deliver our clients' AUR reports  to NHSN.

## Standards Updates (Including Standards Version Advancement Process (SVAP) And United States Core Data For Interoperability (USCDI))

| Updated certification criteria and associated product | (No applicable standard updates) |
|---|---|
| Health IT Module CHPL ID | N/A |
| Method used for standard update | N/A |
| Date of ONC ACB notification | N/A |
| Date of customer notification (SVAP only) | N/A |
| Conformance measure | N/A |

| USCDI updated certification criteria (and USCDI version) | N/A |
|---|---|

## Measures Used In Overall Approach

Description of Measurement/Metric

| Measurement/Metric | Description |
|---|---|
| Report Submissions | The total number of AUR files generated by BD for client submissions to NHSN |

Associated Certification Criteria

| Measurement/Metric | Association Certification Criteria |
|---|---|
| Report Submissions | 170.315 (f)(6): Transmission to Public Health Agencies - Antimicrobial Use and Resistance Reporting |

Justification for Selected Measurement/Metric

| Measurement/Metric | Justification |
|---|---|
| Report Submissions | This metric reveals that our clients are able to use our software for purpose of AUR reporting. |

## Care Setting(s)

| Care Setting | Justification |
|---|---|
| Infection Preventionist (IP) | BD HealthSight™ Infection Advisor with MedMined™ Insights (formerly MedMined™ Surveillance Advisor) standardizes the identification of all NHSN-reportable events and streamlines electronic submission through auto-populated NHSN Clinical Document Architecture (CDA). Our SmartForms improve the speed and accuracy of NHSN reporting by reducing the risk of manual data entry errors. |

## Expected Outcomes

| Measurement/Metric | Expected Outcomes |
|---|---|
| Report Submissions | By measuring successful report submissions, we are demonstrating that the electronic information exchanged is compliant and accepted by NHSN.  We expect this number to be higher in certain months when higher submissions are required.  In the event of  an unsuccessful |

| | submission, our team will assist clients in correcting their data. From month to month, we will analyze our success rate and intervene accordingly. |
|---|---|

## Schedule of Key Milestones

| Key Milestone | Care setting | Date/Timeframe |
|---|---|---|
| Collection of test data begins | IP | 01/01/2024 |
| Collection of test data ends | IP | 12/31/2024 |
| Results submitted and publicly posted | IP | 02/01/2025 |

## 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: | 10/06/2023 |