**MU2 Gap Analysis for 3 features in OpenEMR**

**Version 1.0**

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# Objective:

ViSolve performed MU2 gap analysis against 3 features in OpenEMR (Current development version) which are listed below:

170.314 (a) (8) – Clinical Decision Support

170.314(c) (1), 170.314(c) (3) – Clinical Quality Measures

170.314(g) (2) – Automated Measure Calculation

# Gap Analysis:

## 170.314 (a) (8) – Clinical Decision Support:

|  |  |  |
| --- | --- | --- |
| **Test procedure** | **Status** | **Comments** |
| (i) Evidence-based decision support interventions | **FAIL** | Couldn’t enable clinical decision rule based on Lab test results and combination of any two criteria (problem list, medication, allergies, vitals, demographics and lab results) |
| (ii) Linked referential clinical decision support | **PASS** |  |
| (iii) Clinical decision support configuration | **PASS** |  |
| (iii) Clinical decision support configuration - (b)(2),(b)(3) | **Couldn’t validate** due to unavailability of test instance with lab incorporation and CCDA feature |  |
| (iv) Automatically and electronically interact | **PASS** |  |
| (v) Source Attributes - (A) | **PASS** |  |
| (v) Source Attributes - (B) | **Couldn’t validate** due to unavailability of test instance with New crop feature |  |

## **170.314(c) (1), 170.314(c) (3) – Clinical Quality Measures**

|  |  |  |
| --- | --- | --- |
| **Test procedure** | **Status** | **Comments** |
| 1. QRDA Cat III | **FAIL** | 129 errors (More likely supplemental data errors) |
| 2. QRDA Cat I - 6 Measures | **FAIL** | NQF 0421 - Adult Weight Screening and Follow up - **100 errors** NQF 0038 Childhood immunization status - **59 errors** NQF 0043 - Pneumonia Vaccination status - **39 errors** NQF 0028 - Tobacco Use: Screening and Cessation Intervention - **98 errors** NQF 0024 - Weight Assessment and counseling - **38 errors** NQF 0002 - Appropriate Testing for Children with Pharyngitis --Couldn't download QRDA Cat I file since denominator/numerator is not populated |
| 3. QRDA Cat I - 3 Measures | **Couldn’t validate** | Only 6 measures are tested. Remaining measures are not available. |

## **170.314(g) (2) – Automated Measure Calculation**

|  |  |  |
| --- | --- | --- |
| **Test procedure** | **Status** | **Comments** |
| Problem list | **PASS** |  |
| Medication list | **PASS** |  |
| Medication allergy list | **PASS** |  |
| CPOE | **Couldn’t Validate** | Feature yet to be done |
| E-Prescription | **Couldn’t Validate** | Demo instance not available |
| Demographics | **PASS** |  |
| Vitals | **PASS** |  |
| Smoking status | **PASS** |  |
| Lab Results | **Couldn’t Validate** | Demo instance not available |
| Patient Reminders | **PASS** |  |
| View, download, transmit | **Couldn’t Validate** | Feature yet to be done |
| Clinical Summary | **PASS** |  |
| Patient Education | **PASS** |  |
| Medication Reconciliation | **FAIL** | Test case 1.2, 4.2 and 4.3 are not calculated as expected |
| Summary of care | **FAIL** | 1. Outside reporting period referral transactions are calculated
2. Check on the existence (or not known record) of problem list, medication and allergy not performed
3. Couldn’t validate the electronic transmission to NIST test tool
 |
| Secure Messaging | **Couldn’t Validate** | Demo instance not available |
| Imaging | **Couldn’t Validate** | Feature yet to be done |
| Family History | **PASS** |  |
| Electronic Notes | **PASS** |  |