 

VFD\*15.0\*103

Test Scripts

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December 2016

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# Test Sets

## Test Set ID: 18401 - S41429 - vxCPRS - Defect 1751 - Complex Orders Design Flaw - QA Only - Internal

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Label** | **Field Value** | **Field Label** | **Field Value** |
| Name | S41429 - vxCPRS - Defect 1751 - Complex Orders Design Flaw - QA Only - Internal | Test Set Environment |  |
| Rally ID |  |  |  |

|  |
| --- |
| **Description** |
| **Description of Defect 1751**  **Initial Analysis by Richard Parish on 05/13/2016:**  The issue here relates to the time of day that you enter the order and the med admin time.  I was able to replicate what the provider was seeing.    NOTE: Keep in mind that I entered the order after 8am which was the admin time for daily,  therefore if the order was a regular daily order the order would start tomorrow as it is  after the DAILY admin time.    It seems, when entering a complex order where the DAILY schedule does not start on  the first day of the complex order, the START TIME for the DAILY part of the order is still  being calculated as it would it had been started on the first day.    This looks like a possible issue with COMPLEX order entry as the provider would expect  the DAILY dose in the example below to start on the 514-16 instead of 5-15. |

### Test Instances in Test Set

#### Test Configuration: Test ID: 59885 - S41429 - vxCPRS - Defect 1751 - Complex Orders Design Flaw - QA Only - Internal

***Environment : VXQA15***

##### Test Instance Runs

###### Run ID: 19900 - Run\_12-6\_10-4-30

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Label** | **Field Value** | **Field Label** | **Field Value** |
| Status | Passed | Exec Date | 12/6/16 |
| Tester | jsteixner(Jill M. Steixner) | Exec Time | 10:04:41 |

Run Steps

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Step Name** | **Description** | **Expected** | **Actual** | **Status** |
| Step 1 | **IN CPRS, TAKE A COMPLEX ORDER WITH 3-5 DAYS OF DOSAGES.  SHOW HOW THE EXPECTED FIRST DOSE IS CALCULATING INCORRECTLY BEFORE THE DEFECT IS FIXED** |  |  | Passed |
| Step 2 | **REQUIREMENTS BEFORE TESTING**  Build VFD\*15.0\*103 T8 is required to be installed before the CPRS 1.30.69.3.13 is installed. |  |  | Passed |
| Step 3 | Login to CPRS as a Doctor with E-signature privileges. | CPRS should allow Doctor sign-in. |  | Passed |
| Step 4 | Select a Patient that is an Inpatient type or an outpatient type and that is registered for the Clozapine program such as ZZTESTCLOZNINE,INP.  Press OK to accept the record to open.  Medication does not have to be Clozapine.  Can also select ASPIRIN TAB, EC. | An Inpatient should be allowed to be accepted. |  | Passed |
| Step 5 | Click on the Orders Tab at the bottom of the CPRS screen. | Once the Order tab open, a column at left will open that will have "Inpatient Medications". |  | Passed |
| Step 6 | Then click on the Inpatient Medications or Outpatient Medications on the left panel of the CPRS screen. | When user clicks on "Inpatient Medications", a medication box will open. |  | Passed |
| Step 7 | Select Medication CLOZAPINE (TEVA), RAPID DISINTEGRATE, or another medication such as ASPIRIN that has alot of different dosages. | The system should allow a medication to be found that has many different dosages.  If not, the user can click "Change" and click on another medication until one is found that can be used for testing. |  | Passed |
| Step 8 | When the Inpatient Medications opens for CLOZAPINE (TEVA) TAB or other medication, click on the Complex tab. | The Complex tab should allow adding multiple dosages for many days in a row. |  | Passed |
| Step 9 | Example 1: Create a ASPIRIN TAB,EC order that is complex for the following dosages;  1.  162MG, schedule DAILY, Admin time 0900, Duration 1 Days, THEN.  2.  81MG,  schedule DAILY, Admin time 0900, Duration 1 Days, THEN.  3.  650MG, schedule DAILY, Admin time 0900, Duration 1 Days, AND.  4.  81MG, schedule BEDTIME, Admin time 2200, Duration 1 Days, THEN.  5.  81MG, schedule DAILY, Admin time 0900, Duration 1 Days, AND.  6.  162MG, schedule BEDTIME, Admin time 2200, Duration 1 Days, THEN.  7.  325MG, schedule DAILY, Admin time 0900, Duration 1 Days, AND.  8.  162MG, schedule BEDTIME, Admin time 2200, Duration 1 Days.  Note this schedule if over a 5 day time period. | The system should allow this setup in Complex orders. |  | Passed |
| Step 10 | Before the User accepts the order, review the Expected First Dose TODAY Date.  If the time of the order ENTRY is AFTER the initial first dose time such as 9:00am, then the system by design should be moving the Expected First Dose date to be on the **following day.** | See attached Print screen of the issue where Expected First Dosage Date/time is incorrect. |  | Passed |
| Step 11 | Accept and Sign the order. | The CPRS System should allow a signature for the Doctor Signon. |  | Passed |
| Step 12 | **IN CPRS, TAKE A COMPLEX ORDER WITH 3-5 DAYS OF DOSAGES.  SHOW HOW THE EXPECTED FIRST DOSE IS CALCULATING CORRECTLY AFTER THE DEFECT IS FIXED ON VERSION CPRS 1.30.69.7.8 AND THIS VERSION IS INSTALLED** |  |  | Passed |
| Step 13 | Select another Inpatient for testing.  Click on patient name and press OK. | The CPRS System should allow selecting another patient. |  | Passed |
| Step 14 | Example 2: Create a ASPIRIN TAB,EC order that is complex for the following dosages;  1.  81MG, schedule DAILY, Admin time 0900, Duration 1 Days, THEN.  2.  162MG,  schedule DAILY, Admin time 0900, Duration 1 Days, THEN.  3.  325MG, schedule DAILY, Admin time 0900, Duration 1 Days, AND.  4.  325MG, schedule BEDTIME, Admin time 2200, Duration 1 Days, THEN.  5.  81MG, schedule DAILY, Admin time 0900, Duration 1 Days, AND.  6.  162MG, schedule BEDTIME, Admin time 2200, Duration 1 Days, THEN.  7.  162MG, schedule DAILY, Admin time 0900, Duration 1 Days, AND.  8.  81MG, schedule BEDTIME, Admin time 2200, Duration 1 Days.  Note this schedule is over a 5 day time period. | Because the time of Order entry is 12:45pm and we have passed 9:00am, the Expected First Dose should be moved to TOMORROW at 09:00.  The system is showing correctly.  See Example 1 in final document. |  | Passed |
| Step 15 | Accept and Sign the order. | The CPRS System should allow a signature for the Doctor Signon. |  | Passed |
| Step 16 | Select another Inpatient or Outpatient for testing.  Click on patient name and press OK. | The CPRS System should allow selecting another patient. |  | Passed |
| Step 17 | Example 3: Create a ASPIRIN TAB,EC order that is complex for the following dosages;  1.  81MG, schedule BEDTIME, Admin time 2200, Duration 1 Days, THEN.  2.  162MG,  schedule DAILY, Admin time 0900, Duration 1 Days, AND.  3.  325MG, schedule BEDTIME, Admin time 2200, Duration 1 Days, THEN  4.  325MG, schedule Q12H, Admin time 0900,2100, Duration 1 Days, THEN.  5.  81MG, schedule DAILY, Admin time 0900, Duration 1 Days.   Note this schedule is over a 4 day period. | Because the time of Order entry is before first Admin time of 2200, the Expected First Dose should start TODAY or tonight at 2200.  This system is showing correctly.  See Example 2 in final document. |  | Passed |
| Step 18 | Accept and Sign the order. |  |  | Passed |
| Step 19 | Select another Inpatient or Outpatient for testing.  Click on patient name and press OK. | The CPRS system should allow selecting another patient. |  | Passed |
| Step 20 | Example 4: Create a ASPIRIN TAB,EC order that is complex for the following dosages;  1.  162MG, schedule BEDTIME, Admin time 2200, Duration 1 Days, THEN.  2.  81MG,  schedule DAILY, Admin time 0900, Duration 1 Days, AND.  3.  325MG, schedule BEDTIME, Admin time 2200, Duration 1 Days, THEN.  4.  650MG, schedule Q12H, Admin time 0900,2100, Duration 1 Days, THEN.  5.  325MG, schedule DAILY, Admin time 0900, Duration 1 Days, THEN.  6.  81MG, schedule DAILY, Admin time 0900, Duration 1 Days.  Note this schedule is over a 5 day period. | Because the time of Order entry is before first Admin time of 2200, the Expected First Dose should start TODAY or tonight at 2200.  The system is working correctly.  See Example 3 in final document.  See attached all 3 Examples. |  | Passed |
| Step 21 | Select another Inpatient or Outpatient for testing.  Click on patient name and press OK. | The CPRS system should allow selecting another patient. |  | Passed |
| Step 22 | Example 5: Create a GABAPENTIN (NEURONTIN) CAP,ORAL order that is complex for the following dosages;  1.  100MG, schedule BID, Admin times 0900,2100, Duration 2 Days, THEN.  2.  200MG, schedule TID, Admin times 0900,1300,1700, Duration 3 Days, THEN.  3.  300MG, schedule TID, Admin times 0900,1300,1700, Duration blank, THEN or ADD is blank.  Note this schedule is over a 6 day time period.  Ensure that the Stop Date for 11/25/16 at time 21:00 is not overlapping with Start Date for 11/25/16 at time 09:00. | This should schedule the first for 2 days, then the second dosage will show for 3 days, then the drug is continued on.  See last 2 examples in the attached screenprint.  **ENSURE THAT START/STOP DATES DO NOT OVERLAP**.  **RESULTS SHOULD SHOW:**  1ST MED - START DATE:   12/02/16 09:00                    STOP DATE:     12/04/16 09:00  2ND MED - START DATE:   12/04/16 09:00                    STOP DATE:     12/07/16 09:00  3RD MED - START DATE:   12/07/16 09:00                    STOP DATE:     12/17/16 17:00 |  | Passed |
| Step 23 | **CPRS Version 1.30.69.3.13 with VFD 15.0 103 T8 was tested and passed for the Defect 1751 is fixed.** | See attached documentation of 5 Examples.  Final test document is named CPRS 1.30.69.3.13 Testing 4.doc. |  | Passed |

# Test Sets

## Test Set ID : 17237 - VFD 2013.1\_104T4- QA

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Label** | **Field Value** | **Field Label** | **Field Value** |
| Name | VFD 2013.1\_104T4- QA | Test Set Environment |  |
| Rally ID |  |  |  |

|  |
| --- |
| **Description** |
|  |

### Test Instances in Test Set

#### Test Configuration: Test ID : 44619 - S35853- Defect 1751- Complex order- Conjunction calculates incorrect start date-BID schedule

Environment : QA

##### Test Instance Runs

###### Run ID : 17280 - Run\_6-20\_12-7-19

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Label** | **Field Value** | **Field Label** | **Field Value** |
| Status | Passed | Exec Date | 6/20/16 |
| Tester | sgoode(Susan Goode) | Exec Time | 13:02:32 |

Run Steps

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Step Name** | **Description** | **Expected** | **Actual** | **Status** |
| Step 1 | **\*\*\*Pre-requisite\*\*\***  -Users: Doctor/Pharmacist access.  -Patient: Any Intpatient.  -Place a Complex order with appropriate conjunctions with schedules of BID  -Appropriate Complex Order build installed |  |  | Passed |
| Step 2 | **Create IP Pending Complex Order with (Multiple Components), schedules of BID, with conjunction AND/THEN  in vxCPRS**    Sign on to **vxCPRS using a Doctor Access/Verify Code** provided | The **Patient Selection** dialog window will appear. |  | Passed |
| Step 3 | Select an **'Inpatient'** by clicking **'Wards'** in the **Patient List** then selecting a ward from the provided list.   Click an I**npatient** from the list provided. | Selected **ward highlights**.   Selected **Patient** name highlights. |  | Passed |
| Step 4 | From the Patient Selection, click **OK** | The **Patient Coversheet** appear. |  | Passed |
| Step 5 | Click ' **Orders**' tab. | Orders tab is in focus |  | Passed |
| Step 6 | Click '**Inpatient Medications'** under '**Write Orders'** pane.  **Note:** If patient has a creatinine lab value > than 4, a renal order check window will display to inform physician of the patient's renal results.  Click Ok if window appears | The **Inpatient** **Medications** dialog box is displayed |  | Passed |
| Step 7 | Type Drug Name  Click OK  (For Example: Clozapine tab) | **Dosage, Route, Schedule - Medication Order** dialog window appear. |  | Passed |
| Step 8 | Select ##mg for the Dosage, Route, Schedule, and enter comments (optional)  Click Complex tab | The selected and entered information is present.   Complex Tab displays with selected dosage, route, schedule, and admin times |  | Passed |
| Step 9 | In the First row Dosage- ##MG, Route, Schedule- DAILY, Duration- 1DAYS, Admin Times- 0900, Conjunction Column- THEN  Second Row New Dosage ##MG, Route,Schedule- BID, Duration- 1DAYS, Admin Times- 0900-1700, Conjunction Column- THEN  Third Row New Dosage ##MG, Route, Schedule- BID,Duration [Blank], Admin Times- 0900-1700, Conjunction Column-AND  Fourth Row New Dosage ##MG, Route, Schedule- BEDTIME,Duration [Blank], Admin Times- 2200, Conjunction Column [Blank] | Selections are displayed  **NOTE:** If the current dat/time is later than the Admin Time of the first dose.  The expected first dose is supposed to be for the next day |  | Passed |
| Step 10 | Click 'Accept Order' button  Order Checks may be displayed--Click Accept | Order Checking window displays:  'Monograph' button is present and may be disabled |  | Passed |
| Step 11 | Click Accept Order  In Inpatient Medications window,click Quit  The medication orders will added to the Orders tab in blue as unreleased- Orders tab  Right-Click and sign unreleased order to make status Pending  After Signing, Verify Complex Order in vxVistA to make Active | Orders tab  1st Order-start date of date/time order was placed (THEN)  2nd order-Start date/time of the next day after first order placed (THEN)  3rd Order- Start date/time of the next day (1 day later from the 2nd date)  (AND)  4th Order- Start date has same date/time as the 3rd order (BLANK)  **NOTE:** The All BID scheduled orders display the 0900 as start time.  The 0900 is NOT dropped |  | Passed |
| Step 12 | **Confirm Complex Order with (Multiple Components), schedules of BID is displayed in vxBCMA VDL**  Launch vxBCMA  Log in as a Nurse | vxBCMA opens  BCMA - Scan Patient ID Barcode window displays |  | Passed |
| Step 13 | Click Unable to Scan | BCMA - Unable to Scan window displays  -Reason: dropdown  -Enter a Comment (Optional): |  | Passed |
| Step 14 | Select 'Unable to Determine' Reason from the dropdown list,  Enter a brief comment in the free text box, Click Ok | BCMA - Patient Select window displays |  | Passed |
| Step 15 | Select patient that was used to verify the ONCE Order, click OK | BCMA - Patient Confirmation window displays |  | Passed |
| Step 16 | Click checkbox for:  'I have confirmed this patient's identity using two acceptable forms of patient identifiers.'  Click Yes | The main vxBCMA screen displays  Unit Dose tab is in focus |  | Passed |
| Step 17 | Click Cover Sheet tab | Cover sheet tab is now in focus  **NOTE:** Be sure that the Active Complex Order with BID schedules correctly displays in the vxBCMA VDL |  | Passed |
| Step 18 | Exit vxBCMA | vxBCMA closes |  | Passed |

#### Test Configuration: Test ID : 44618 - S35853- Defect 1751- Complex order- Conjunction calculates incorrect start date-M-W-FR\_T-TH-SAT schedule

Environment : QA

##### Test Instance Runs

###### Run ID : 17253 - Run\_6-17\_19-51-50

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Label** | **Field Value** | **Field Label** | **Field Value** |
| Status | Passed | Exec Date | 6/17/16 |
| Tester | sgoode(Susan Goode) | Exec Time | 20:17:24 |

Run Steps

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Step Name** | **Description** | **Expected** | **Actual** | **Status** |
| Step 1 | **\*\*\*Pre-requisite\*\*\***  -Users: Doctor/Pharmacist access.  -Patient: Any Intpatient.  -Place a Complex order with appropriate conjunctions with schedules in an Every 18hr span  -Appropriate Complex Order build installed |  |  | Passed |
| Step 2 | **Create IP Pending Complex Order with (Multiple Components), with M-W-FR\_T-TH-SAT schedule, with conjunction AND/THEN  in vxCPRS**    Sign on to **vxCPRS using a Doctor Access/Verify Code** provided | The **Patient Selection** dialog window will appear. |  | Passed |
| Step 3 | Select an **'Inpatient'** by clicking **'Wards'** in the **Patient List** then selecting a ward from the provided list.   Click an I**npatient** from the list provided. | Selected **ward highlights**.   Selected **Patient** name highlights. |  | Passed |
| Step 4 | From the Patient Selection, click **OK** | The **Patient Coversheet** appear. |  | Passed |
| Step 5 | Click ' **Orders**' tab. | Orders tab is in focus |  | Passed |
| Step 6 | Click '**Inpatient Medications'** under '**Write Orders'** pane.  **Note:** If patient has a creatinine lab value > than 4, a renal order check window will display to inform physician of the patient's renal results.  Click Ok if window appears | The **Inpatient** **Medications** dialog box is displayed |  | Passed |
| Step 7 | Type Drug Name  Click OK  (For Example: Coumadin 3MG tab) | **Dosage, Route, Schedule - Medication Order** dialog window appear. |  | Passed |
| Step 8 | Select ##mg for the Dosage, Route, Schedule, and enter comments (optional)  Click Complex tab | The selected and entered information is present.   Complex Tab displays with selected dosage, route, schedule, and admin times |  | Passed |
| Step 9 | In the First row Dosage- ##MG, Route, Schedule- OTHER select M-W-FR@0900, Duration- 1DAYS, Admin Times- 0900, Conjunction Column- AND  Second Row New Dosage ##MG, Route,Schedule- OTHER select T-TH-SAT@0900, Duration- 1DAYS, Admin Times- 0900, Conjunction Column- [Blank] | Selections are displayed  **NOTE:** Since current time is later than the Admin Time of the first dose.  The expected first dose is supposed to be for the next day |  | Passed |
| Step 10 | Click 'Accept Order' button  Order Checks may be displayed--Click Accept | Order Checking window displays:  'Monograph' button is present and may be disabled |  | Passed |
| Step 11 | Click Accept Order  In Inpatient Medications window,click Quit  The medication orders will added to the Orders tab in blue as unreleased- Orders tab  Right-Click and sign unreleased order to make status Pending  After Signing, Verify Complex Order in vxVistA to make Active | Orders tab  1st Order-start date of today..If Admin time is later that the start date/time, the start date/time will display for the next day, which will be in accordance with M-W-FR (AND)  2nd order-Start date/time will be the 2nd day in accordance with T-TH-SAT, not skipping a day |  | Passed |
| Step 12 | Exit vxCPRS | vxCPRS closes |  | Passed |

#### Test Configuration: Test ID : 44617 - S35853- Defect 1751- Complex order- Conjunction calculates incorrect start date-Greater than 24 hr schedule

Environment : QA

##### Test Instance Runs

###### Run ID : 17251 - Run\_6-17\_19-8-31

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Label** | **Field Value** | **Field Label** | **Field Value** |
| Status | Passed | Exec Date | 6/17/16 |
| Tester | sgoode(Susan Goode) | Exec Time | 19:25:21 |

Run Steps

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Step Name** | **Description** | **Expected** | **Actual** | **Status** |
| Step 1 | **\*\*\*Pre-requisite\*\*\***  -Users: Doctor/Pharmacist access.  -Patient: Any Intpatient.  -Place a Complex order with appropriate conjunctions with schedules in a greater than 24 hr span  -Appropriate Complex Order build installed |  |  | Passed |
| Step 2 | **Create IP Pending Complex Order with (Multiple Components), schedules in a greater than 24hr span, with conjunction AND/THEN  in vxCPRS**    Sign on to **vxCPRS using a Doctor Access/Verify Code** provided | The **Patient Selection** dialog window will appear. |  | Passed |
| Step 3 | Select an **'Inpatient'** by clicking **'Wards'** in the **Patient List** then selecting a ward from the provided list.   Click an I**npatient** from the list provided. | Selected **ward highlights**.   Selected **Patient** name highlights. |  | Passed |
| Step 4 | From the Patient Selection, click **OK** | The **Patient Coversheet** appear. |  | Passed |
| Step 5 | Click ' **Orders**' tab. | Orders tab is in focus |  | Passed |
| Step 6 | Click '**Inpatient Medications'** under '**Write Orders'** pane.  **Note:** If patient has a creatinine lab value > than 4, a renal order check window will display to inform physician of the patient's renal results.  Click Ok if window appears | The **Inpatient** **Medications** dialog box is displayed |  | Passed |
| Step 7 | Type Drug Name  Click OK  (For Example: Clozapine tab) | **Dosage, Route, Schedule - Medication Order** dialog window appear. |  | Passed |
| Step 8 | Select ##mg for the Dosage, Route, Schedule, and enter comments (optional)  Click Complex tab | The selected and entered information is present.   Complex Tab displays with selected dosage, route, schedule, and admin times |  | Passed |
| Step 9 | In the First row Dosage- ##MG, Route, Schedule- DAILY, Duration- 1DAYS, Admin Times- 0900, Conjunction Column- AND  Second Row New Dosage ##MG, Route,Schedule- BEDTIME, Duration- 1DAYS, Admin Times- 2200, Conjunction Column- THEN  Third Row New Dosage ##MG, Route, Schedule- DAILY,Duration- 1DAYS, Admin Times- 0900, Conjunction Column-THEN  Fourth Row New Dosage ##MG, Route, Schedule- QOD, Duration- [Blank], Admin Times- 0900, Conjunctions Column- [Blank] | Selections are displayed  **NOTE:** Since current time is later than the Admin Time of the first dose.  The expected first dose is supposed to be for the next day |  | Passed |
| Step 10 | Click 'Accept Order' button  Order Checks may be displayed--Click Accept | Order Checking window displays:  'Monograph' button is present and may be disabled |  | Passed |
| Step 11 | Click Accept Order  In Inpatient Medications window,click Quit  The medication orders will added to the Orders tab in blue as unreleased- Orders tab  Right-Click and sign unreleased order to make status Pending  After Signing, Verify Complex Order in vxVistA to make Active | Orders tab  1st Order-start date of today..If Admin time is later than the start date/time, the start date/time will display for the next day (AND)  2nd order-Start date/time will be the same as 1st order start date (THEN) (\*see note)  3rd Order- Start date/time of the next day (1 day later from the 2nd order start date/time)  (THEN)  4th Order- Start datetime of the next day (1 day later from the 3rd order start date/time) (Conjunction- Blank)  \*NOTE: Since 2nd order is BEDTIME and 1st order is daily and START TIME 0900, if order is placed after 1st order start time, the 2nd order will be the day before the 2nd order |  | Passed |
| Step 12 | **Confirm Complex Order with (Multiple Components), schedules greater than 24hrs is displayed in vxBCMA VDL**  Launch vxBCMA  Log in as a Nurse | vxBCMA opens  BCMA - Scan Patient ID Barcode window displays |  | Passed |
| Step 13 | Click Unable to Scan | BCMA - Unable to Scan window displays  -Reason: dropdown  -Enter a Comment (Optional): |  | Passed |
| Step 14 | Select 'Unable to Determine' Reason from the dropdown list,  Enter a brief comment in the free text box, Click Ok | BCMA - Patient Select window displays |  | Passed |
| Step 15 | Select patient that was used to verify the ONCE Order, click OK | BCMA - Patient Confirmation window displays |  | Passed |
| Step 16 | Click checkbox for:  'I have confirmed this patient's identity using two acceptable forms of patient identifiers.'  Click Yes | The main vxBCMA screen displays  Unit Dose tab is in focus |  | Passed |
| Step 17 | Click Cover Sheet tab | Cover sheet tab is now in focus  **NOTE:** Be sure that the Active Complex Order with greater than 24hr schedules correctly displays in the vxBCMA VDL |  | Passed |
| Step 18 | Exit vxBCMA | vxBCMA closes |  | Passed |

#### Test Configuration: Test ID : 44616 - S35853- Defect 1751- Complex order- Conjunction calculates incorrect start date-Less than 24 hr schedule

Environment : QA

##### Test Instance Runs

###### Run ID : 17252 - Run\_6-17\_19-25-50

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Label** | **Field Value** | **Field Label** | **Field Value** |
| Status | Passed | Exec Date | 6/17/16 |
| Tester | sgoode(Susan Goode) | Exec Time | 19:51:28 |

Run Steps

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Step Name** | **Description** | **Expected** | **Actual** | **Status** |
| Step 1 | **\*\*\*Pre-requisite\*\*\***  -Users: Doctor/Pharmacist access.  -Patient: Any Intpatient.  -Place a Complex order with appropriate conjunctions with schedules in a less than 24 hr span  -Appropriate Complex Order build installed |  |  | Passed |
| Step 2 | **Create IP Pending Complex Order with (Multiple Components), schedules in a less than 24hr span, with conjunction AND/THEN  in vxCPRS**    Sign on to **vxCPRS using a Doctor Access/Verify Code** provided | The **Patient Selection** dialog window will appear. |  | Passed |
| Step 3 | Select an **'Inpatient'** by clicking **'Wards'** in the **Patient List** then selecting a ward from the provided list.   Click an I**npatient** from the list provided. | Selected **ward highlights**.   Selected **Patient** name highlights. |  | Passed |
| Step 4 | From the Patient Selection, click **OK** | The **Patient Coversheet** appear. |  | Passed |
| Step 5 | Click ' **Orders**' tab. | Orders tab is in focus |  | Passed |
| Step 6 | Click '**Inpatient Medications'** under '**Write Orders'** pane.  **Note:** If patient has a creatinine lab value > than 4, a renal order check window will display to inform physician of the patient's renal results.  Click Ok if window appears | The **Inpatient** **Medications** dialog box is displayed |  | Passed |
| Step 7 | Type Drug Name  Click OK  (For Example: Clozapine tab) | **Dosage, Route, Schedule - Medication Order** dialog window appear. |  | Passed |
| Step 8 | Select ##mg for the Dosage, Route, Schedule, and enter comments (optional)  Click Complex tab | The selected and entered information is present.   Complex Tab displays with selected dosage, route, schedule, and admin times |  | Passed |
| Step 9 | In the First row Dosage- ##MG, Route, Schedule- DAILY, Duration- 1DAYS, Admin Times- 0900, Conjunction Column- THEN  Second Row New Dosage ##MG, Route,Schedule- DAILY, Duration- 1DAYS, Admin Times- 0900, Conjunction Column- THEN  Third Row New Dosage ##MG, Route, Schedule- DAILY,Duration- 1DAYS, Admin Times- 0090, Conjunction Column-AND  Fourth Row New Dosage ##MG, Route, Schedule- EVERY\_HOUR, Duration- 1DAYS, Admin Times- 0100-0200-0300..etc, Conjunctions Column- [BLANK] | Selections are displayed  **NOTE:** Since current time is later than the Admin Time of the first dose.  The expected first dose is supposed to be for the next day |  | Passed |
| Step 10 | Click 'Accept Order' button  Order Checks may be displayed--Click Accept | Order Checking window displays:  'Monograph' button is present and may be disabled |  | Passed |
| Step 11 | Click Accept Order  In Inpatient Medications window,click Quit  The medication orders will added to the Orders tab in blue as unreleased- Orders tab  Right-Click and sign unreleased order to make status Pending  After Signing, Verify Complex Order in vxVistA to make Active | Orders tab  1st Order-start date of today (THEN)  2nd order-Start date of the next day (THEN)  3rd Order- Start date of the next day (1 day later from the 2nd date)  (AND)  4th Order- Start date of the next day (the same date as 3rd order) (THEN)  **NOTE:** The 4th date should be same as the 3rd date NOT the date before |  | Passed |
| Step 12 | **Confirm Complex Order with (Multiple Components), schedules less than 24hrs is displayed in vxBCMA VDL**  Launch vxBCMA  Log in as a Nurse | vxBCMA opens  BCMA - Scan Patient ID Barcode window displays |  | Passed |
| Step 13 | Click Unable to Scan | BCMA - Unable to Scan window displays  -Reason: dropdown  -Enter a Comment (Optional): |  | Passed |
| Step 14 | Select 'Unable to Determine' Reason from the dropdown list,  Enter a brief comment in the free text box, Click Ok | BCMA - Patient Select window displays |  | Passed |
| Step 15 | Select patient that was used to verify the ONCE Order, click OK | BCMA - Patient Confirmation window displays |  | Passed |
| Step 16 | Click checkbox for:  'I have confirmed this patient's identity using two acceptable forms of patient identifiers.'  Click Yes | The main vxBCMA screen displays  Unit Dose tab is in focus |  | Passed |
| Step 17 | Click Cover Sheet tab | Cover sheet tab is now in focus  **NOTE:** Be sure that the Active Complex Order with less than 24hr schedules correctly displays in the vxBCMA VDL |  | Passed |
| Step 18 | Exit vxBCMA | vxBCMA closes |  | Passed |

#### Test Configuration: Test ID : 44611 - S35853- Defect 1751- Complex order- Conjunction calculates incorrect start date-Bedtime schedule

Environment : QA

##### Test Instance Runs

###### Run ID : 17249 - Run\_6-17\_17-37-14

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Label** | **Field Value** | **Field Label** | **Field Value** |
| Status | Passed | Exec Date | 6/17/16 |
| Tester | sgoode(Susan Goode) | Exec Time | 18:49:39 |

Run Steps

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Step Name** | **Description** | **Expected** | **Actual** | **Status** |
| Step 1 | **\*\*\*Pre-requisite\*\*\***  -Users: Doctor/Pharmacist access.  -Patient: Any Intpatient.  -Place a Complex order with appropriate conjunctions with schedules of BEDTIME  -Appropriate Complex Order build installed |  |  | Passed |
| Step 2 | **Create IP Pending Complex Order with (Multiple Components), schedules of BEDTIME, with conjunction AND/THEN  in vxCPRS**    Sign on to **vxCPRS using a Doctor Access/Verify Code** provided | The **Patient Selection** dialog window will appear. |  | Passed |
| Step 3 | Select an **'Inpatient'** by clicking **'Wards'** in the **Patient List** then selecting a ward from the provided list.   Click an I**npatient** from the list provided. | Selected **ward highlights**.   Selected **Patient** name highlights. |  | Passed |
| Step 4 | From the Patient Selection, click **OK** | The **Patient Coversheet** appear. |  | Passed |
| Step 5 | Click ' **Orders**' tab. | Orders tab is in focus |  | Passed |
| Step 6 | Click '**Inpatient Medications'** under '**Write Orders'** pane.  **Note:** If patient has a creatinine lab value > than 4, a renal order check window will display to inform physician of the patient's renal results.  Click Ok if window appears | The **Inpatient** **Medications** dialog box is displayed |  | Passed |
| Step 7 | Type Drug Name  Click OK  (For Example: Clozapine tab) | **Dosage, Route, Schedule - Medication Order** dialog window appear. |  | Passed |
| Step 8 | Select ##mg for the Dosage, Route, Schedule, and enter comments (optional)  Click Complex tab | The selected and entered information is present.   Complex Tab displays with selected dosage, route, schedule, and admin times |  | Passed |
| Step 9 | -In the First row Dosage- ##MG, Route, Schedule- BEDTIME, Duration- 1DAYS, Admin Times- 2100, Conjunction Column- THEN  -Second Row New Dosage ##MG, Route,Schedule- DAILY, Duration- 1DAYS, Admin Times- 0830, Conjunction Column- AND  -Third Row New Dosage ##MG, Route, Schedule- BEDTIME,Duration- 1DAYS, Admin Times- 2100, Conjunction Column-THEN  -Fourth Row New Dosage ##MG, Route, Schedule- DAILY, Duration- 1DAYS, Admin Times- 0830, Conjunctions Column- AND  -Fifth Row New Dosage ##MG, Route, Schedule- BEDTIME, Duration- 1DAYS, Admin Times- 2100, Conjunctions Column- THEN  -Sixth Row New Dosage ##MG, Route, Schedule- EVERY\_OTHER\_DAY, Duration- 1DAYS, Admin Times- 0830, Conjunctions Column- BLANK | Selections are displayed  **NOTE:** If current time is later than the Admin Time of the first dose.  The expected first dose is supposed to be for the next day |  | Passed |
| Step 10 | Click 'Accept Order' button  Order Checks may be displayed--Click Accept | Order Checking window displays:  'Monograph' button is present and may be disabled |  | Passed |
| Step 11 | Click Accept Order  In Inpatient Medications window,click Quit  The medication orders will added to the Orders tab in blue as unreleased- Orders tab  Right-Click and sign unreleased order to make status Pending  After Signing, Verify Complex Order in vxVistA to make Active | Orders tab  1st Order-start date/time of today [If the admin time is after the time that the order was placed,the start date/time will be for the next day] (THEN)  2nd order-Start date/time of the next day after the first order (NOT TWO DAYS LATER) (AND)  3rd Order- Start date/time of the same day of the 2nd order (Which is the next day @ Date/Time after the 1st order start date)  (THEN)  4th Order-Start date/time of the next day after the 3rd Order (NOT TWO DAYS AFTER the 2nd order) (AND)  5th Order- Start date/time is the same date/time of the 4th Order (THEN)  6th Order- Start date/time is of the next day after the 5th order (THEN)  **NOTE:** The 3rd date should be same as the 2nd date, and the 5th date should be the same as the 4th date  If there is an Order for a med with a schedule of Every\_other\_Day the start/date time will be continued from the last/prior Dispensed order (in this case the start date/time would be 2 days later from the 5th order)(QOD) |  | Passed |
| Step 12 | **Confirm Complex Order with (Multiple Components), schedules of BEDTIME is displayed in vxBCMA VDL**  Launch vxBCMA  Log in as a Nurse | vxBCMA opens  BCMA - Scan Patient ID Barcode window displays |  | Passed |
| Step 13 | Click Unable to Scan | BCMA - Unable to Scan window displays  -Reason: dropdown  -Enter a Comment (Optional): |  | Passed |
| Step 14 | Select 'Unable to Determine' Reason from the dropdown list,  Enter a brief comment in the free text box, Click Ok | BCMA - Patient Select window displays |  | Passed |
| Step 15 | Select patient that was used to verify the ONCE Order, click OK | BCMA - Patient Confirmation window displays |  | Passed |
| Step 16 | Click checkbox for:  'I have confirmed this patient's identity using two acceptable forms of patient identifiers.'  Click Yes | The main vxBCMA screen displays  Unit Dose tab is in focus |  | Passed |
| Step 17 | Click Cover Sheet tab | Cover sheet tab is now in focus  **NOTE:** Be sure that the Active Complex Order with BEDTIME schedules correctly displays in the vxBCMA VDL  -If there is an Order for a med with a schedule of Every\_other\_Day the start/date time will be continued from the last/prior Dispensed order (in this case the start date/time would be 2 days later from the 5th order)(QOD) |  | Passed |
| Step 18 | Exit vxBCMA | vxBCMA closes |  | Passed |