

Medsphere Systems Corporation

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# **OpenVista 2016.2.1 Release Notes**

*May 2017*



**Medsphere<sup>®</sup>**

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## Release 2016.2.1 Enhancements

### CareVue

#### *The “Order checks could not be done for Drug ....” Warning disabled*

The **Order checks could not be done for Drug ...** warning in CareVue displays during order entry when order checks cannot be performed because the drug is not mapped to the NDF. This warning reminds providers to manually check for drug interactions and duplicate drug therapy. While this warning is necessary for true drug entries, it may not be so for certain supplies entered as drugs into the drug file.

Use the **Pharmacy Data Management > Drug Enter/Edit** menu to set the **DEA, Special HDLG** field for a dispensed drug to **S** for supply. This disables the alert for the item in CareVue and the **Drug not matched to NDF** warning in the Pharmacy package. Also, the **Help** screen now displays the option to **Enter 'S'** for supply and to suppress the **Drug not matched to NDF** order check.

**NOTE:** A dispensed drug must be associated with an orderable item and have defined local dosages for this setting to work correctly.

```
This entry is marked for the following PHARMACY packages:
  Outpatient
  Non-VA Med
  GENERIC NAME: CAPTOPRIL 12.5MG TAB UD  Replace
  VA CLASSIFICATION: SV800//
  DEA, SPECIAL HDLG:
  DAW CODE:

  NATIONAL FORMULARY INDICATOR: YES
  LOCAL NON-FORMULARY:
  VISN NON-FORMULARY:
  Select DRUG TEXT ENTRY:
  Select FORMULARY ALTERNATIVE:
  Select SYNONYM: CAPOTEN//
  SYNONYM: CAPOTEN//
  INTENDED USE: TRADE NAME//
  NDC CODE:
  Select SYNONYM:
  MESSAGE: HOME MED//
  RESTRICTION:
  FSN:
  INACTIVE DATE:
```

```
Enter 'S' for supply and to suppress Drug not matched to NDF order check
  This field is used to show the DEA Special Handling .
```

*Figure 1: Disabling drug warnings when ordering supplies*

**Required action:** Test in your normal workflow when entering orders for supplies in CareVue.

**Related artifact:** 20099

#### *Addition of next of kin to patient detail screen*

Next of kin is displayed in the patient detail screen in CareVue.

**Required action:** Test in your normal ADT interface workflow.

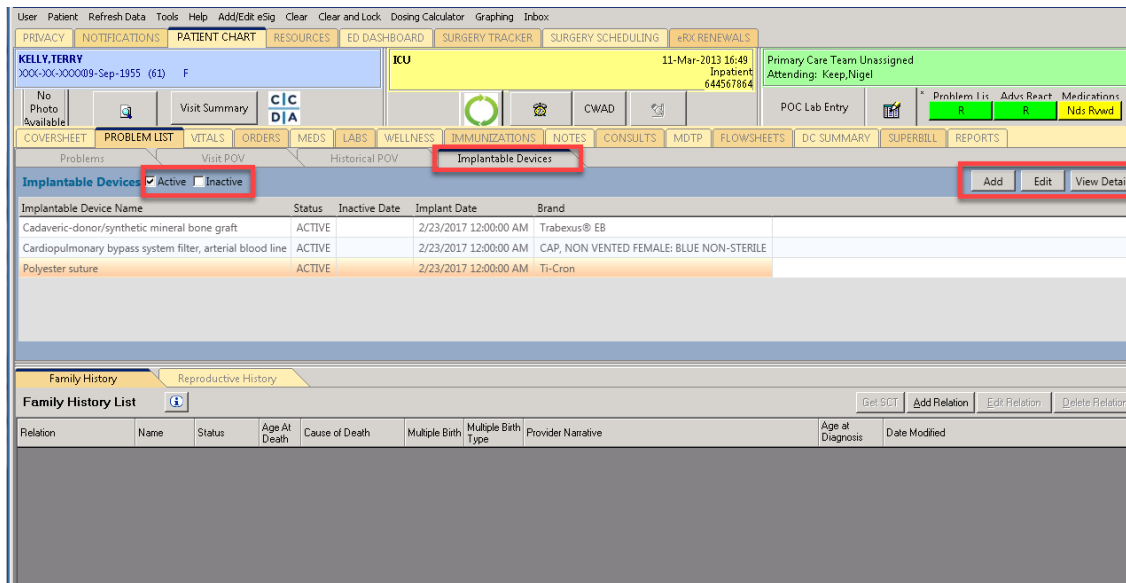
**Related artifact:** 20276

## New Implantable Devices tool

**Note:** Contact Customer Care to add this feature to your template.

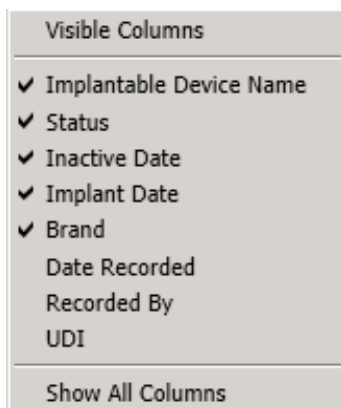
A new CareVue component allows Implantable Devices to be recorded in the patient record. The FDA is establishing a Global Unique Device Identification Database (GUDID) system to identify devices sold and implanted in the United States. The GUDID contains key device identification information submitted to the FDA for devices with Unique Device Identifiers (UDI). This new Implantable Device feature enables users to enter a UDI and view search information about that device from the GUDID database.

The Implantable Devices component includes an Implantable Devices list with Active and Inactive filters, as well as Add, Edit, and View Detail features. Users can customize the Implantable Devices columns on the home display by right clicking on the gray bar that displays the column header names.



Implantable Device Name	Status	Inactive Date	Implant Date	Brand
Cadaveric-donor/synthetic mineral bone graft	ACTIVE		2/23/2017 12:00:00 AM	Trabexus® EB
Cardiopulmonary bypass system filter, arterial blood line	ACTIVE		2/23/2017 12:00:00 AM	CAP, NON VENTED FEMALE: BLUE NON-STERILE
Polyester suture	ACTIVE		2/23/2017 12:00:00 AM	Ti-Cron

Figure 2: Implantable Devices list



**Visible Columns**

- ✓ Implantable Device Name
- ✓ Status
- ✓ Inactive Date
- ✓ Implant Date
- ✓ Brand
- Date Recorded
- Recorded By
- UDI

Show All Columns

Figure 3: Implantable Devices list column customization options

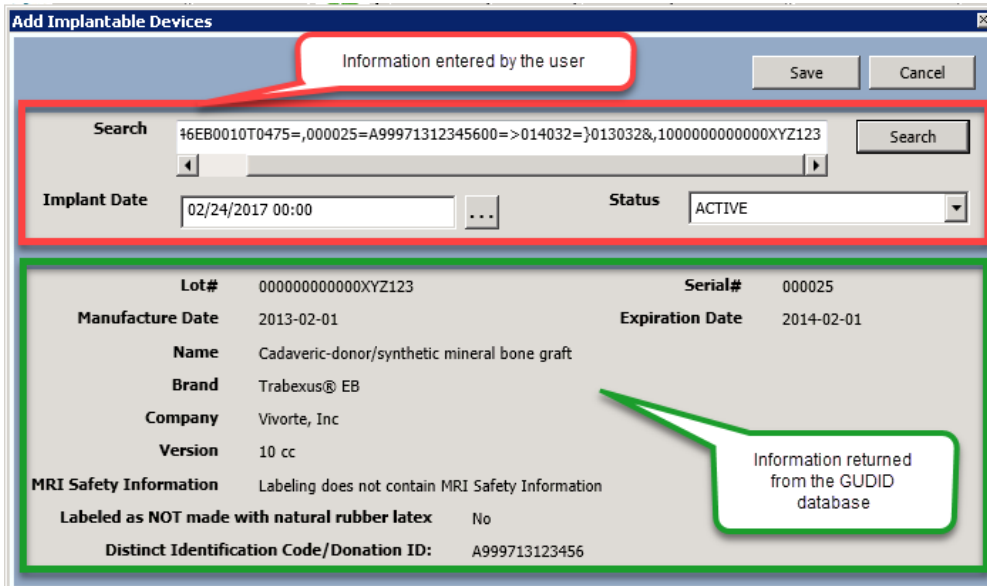
### Adding an implantable device

To add a new implantable device, click on the **Add** button and enter an implant date and time. Enter (type or copy and paste from a Windows clipboard) in the **Search** field the UDI found on device packaging. Click on the **Search** button to trigger a web service call to the GUDID.

If available, the web service call will return the following information:

- Name
- Brand
- Company
- Version
- Lot number
- Serial number
- Manufacture date
- Expiration date
- MRI safety information
- Latex information
- Distinct Identification code/Donation ID for human cell, tissue, or cellular and tissue based product (HCT/P) that is regulated as a device

After the GUDID information has displayed, click the Save button to save the device and information to the patient chart.

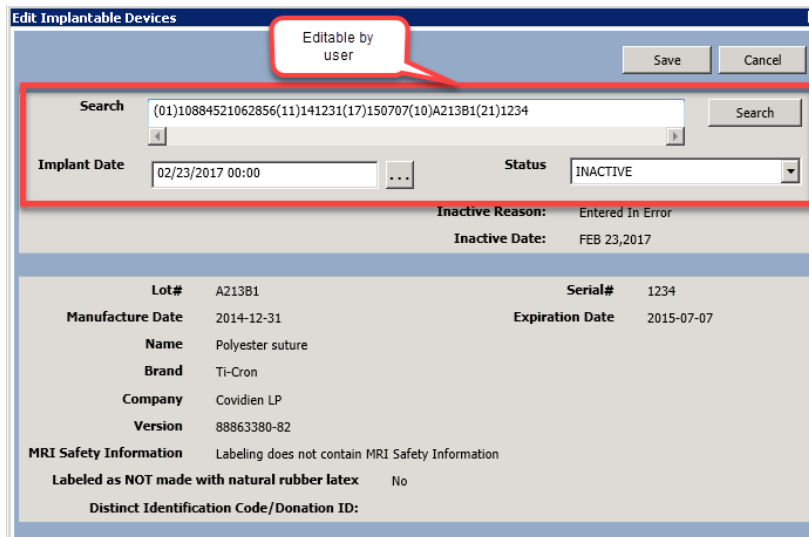


<b>Lot#</b>	000000000000XYZ123	<b>Serial#</b>	000025
<b>Manufacture Date</b>	2013-02-01	<b>Expiration Date</b>	2014-02-01
<b>Name</b>	Cadaveric-donor/synthetic mineral bone graft		
<b>Brand</b>	Trabexus® EB		
<b>Company</b>	Vivorte, Inc		
<b>Version</b>	10 cc		
<b>MRI Safety Information</b>	Labeling does not contain MRI Safety Information		
<b>Labeled as NOT made with natural rubber latex</b>	No		
<b>Distinct Identification Code/Donation ID:</b>	A999713123456		

Figure 4: Add Implantable Devices window

### Editing an implantable device

To edit an implantable device, click to highlight the device name on the main display and then click the Edit button. The Edit Implantable Devices dialog box opens and the user can edit the UDI search field, the Implant date/time field, and the status. All other information displayed relates to the particular UDI and is not editable. Changing the implantable device status to Inactive from Active opens a dialog requiring a reason for the change: Explant, Entered in Error, or Other. Implantable devices are not allowed to be deleted per Meaningful Use guidelines. Enter a date for the Inactive status, if known, or choose an imprecise date such as 2014 or June 2015.



**Edit Implantable Devices** [Close]

Editable by user

Save Cancel

Search: (01)10884521062856(11)141231(17)150707(10)A213B1(21)1234 [Search]

Implant Date: 02/23/2017 00:00 [Calendar] Status: INACTIVE [Dropdown]

Inactive Reason: Entered In Error  
Inactive Date: FEB 23,2017

<b>Lot#</b>	A213B1	<b>Serial#</b>	1234
<b>Manufacture Date</b>	2014-12-31	<b>Expiration Date</b>	2015-07-07
<b>Name</b>	Polyester suture		
<b>Brand</b>	Ti-Cron		
<b>Company</b>	Covidien LP		
<b>Version</b>	88863380-82		

**MRI Safety Information**: Labeling does not contain MRI Safety Information  
 Labeled as NOT made with natural rubber latex: No  
 Distinct Identification Code/Donation ID:

Figure 5: Edit Implantable Devices dialog



**Implantable Device Inactive Reason** [Close]

Reason for inactivating the implantable device?

Explant

Entered in Error

Other: [Text Field]

Imprecise Date [Date Field]

OK Cancel

Figure 6: Editing status options

### Viewing implantable device information

At any time, users can view implantable device identifiers and attributes by clicking once to highlight the device on the Implantable Device module's main display, then clicking on the **View Details** button or right clicking on the device and selecting **View Details**. Editing is not enabled in the View option.



**View Implantable Device** [Close]

UDI: (01)10884521062856(11)141231(17)150707(10)A213B1(21)1234

Implant Date: 2/23/2017 12:00:00 AM Status: INACTIVE  
 Inactive Reason: Entered In Error  
 Inactive Date: FEB 23,2017

<b>Lot#:</b>	A213B1	<b>Serial#:</b>	1234
<b>Manufacture Date:</b>	2014-12-31	<b>Expiration Date:</b>	2015-07-07
<b>Name:</b>	Polyester suture		
<b>Brand:</b>	Ti-Cron		
<b>Company:</b>	Covidien LP		
<b>Version:</b>	88863380-82		

**MRI Safety Information**: Labeling does not contain MRI Safety Information  
 Labeled as NOT made with natural rubber latex: No  
 Distinct Identification Code/Donation ID:

Figure 7: View Implantable Device identifiers and attributes

### ***Viewing implantable devices on a CCDA***

Recorded implantable devices display on the **Continuity of Care Document** in the **Medical Devices** section.

**Related artifact: 20282**

### ***New Export feature added to CareVue Trace Log***

CareVue now incorporates an **Export** button that enables users to save an XML file with the contents of the entire **Trace Log**.

**Required action:** Users with access to the CareVue **Trace Log** (generally users who configure or troubleshoot the system) can test via normal workflows.

**Related artifact: 20536**

## **Pharmacy**

### ***Order Checks display with nurse verification in Pharmacy***

Nurses verifying orders in PuTTY Pharmacy will now see appropriate **Order Checks**. Pharmacists who verify and Physicians who sign these orders afterward will also see appropriate **Order Checks**.

**Required action:** Test in your typical Pharmacy PuTTY nurse verification workflows.

**Related artifact: 19510**

### ***Print a 2 or a 3-day MAR from PuTTY***

Users can now print a 2 or a 3 day MAR from PuTTY Pharmacy. This accommodates client sites where the pharmacy is closed on weekends or holidays.

**Required action:** Test in your normal workflow when printing MARs in PuTTY Pharmacy.

**Related artifact: 20141**

### ***New ADM/BCMA Report***

A new report captures all Automated Dispensing Machine (ADM) and BCMA transactions to facilitate the reconciliation of medications removed for and then administered to patients. Users can run this report for a specified date range and filter by patient, medication, ward and controlled drug schedule. There is also the ability to set a condition where **Dispenses** are **Not equal** to **Administrations**. The report sorts by medication and lists all associated transactions for that medication within the specified time frame.

#### **To access this report:**

1. Select the **Systems Manager** menu and click **Test an option not in your menu**.
2. **Option entry to test**, select **MSC ADM BCMA REPORT**.
3. **Start Date:** <enter start date>
4. **End Date: TODAY//** <enter stop date>
5. **Select Patient(s)** or **Return for all Patients**
6. **Select PATIENT NAME:** <enter patient name>
7. **Select Drug Class(es)** or **Return for not part of sort**

8. **Select VA GENERIC NAME:**
9. **Select Patient Ward(s) or Return for All Wards**
10. **Select WARD LOCATION NAME: or Return for ALL Wards**
11. **Limit display to Orders where dispense does not match administered? NO//**
12. **DEVICE: HOME// <enter printer device>**

```

ADM & BCMA report          Mar 21, 2017@15:29:19          Page: 1
Begin Date: FEB 27,2017
End Date:  MAR 21,2017
Drug: ACETAMINOPHEN 325MG TAB UD
Patient: HBIPS,PSYCH          1000000201          MED/SURG
-----
                                Total ADM Dispensed: 2
                                Total BCMA Administrations: 3

Order #: 9833                  Order #: 9833
Units dispensed: 1            Order Details: 325MG PO Q4H
MAR 6,2017@07:25              BCMA ACTION: FEB 27,2017@15:22:50 GIVEN
By: MUNDI,NURSE              Units Administered: 1
                               By: MUNDI,NURSE

Order #: 9833                  Order #: 9833
Units dispensed: 4            Order Details: 325MG PO Q4H
MAR 6,2017@11:25              BCMA ACTION: MAR 6,2017@17:38:46 GIVEN
By: MUNDI,NURSE              Units Administered: 1
                               By: MUNDI,NURSE

Order #: 9833                  Order #: 9833
Order Details: 325MG PO Q4H   BCMA ACTION: MAR 7,2017@13:17:39 REFUSED
Units Administered: 0
By: MUNDI,NURSE

Order #: 9833                  Order #: 9833
Order Details: 325MG PO Q4H   BCMA ACTION: MAR 7,2017@13:18:10 GIVEN
Units Administered: 1
By: MUNDI,NURSE

```

*Figure 8: Example of new ADM/BCMA report*

**Required action:** Test by running this report for ADM and BCMA transactions.

**Related artifact:** 20399

## Reporting

### *Enhanced emergency department "Registration to Triage Start" Report*

This existing report is designed to evaluate and report the length of time between a patient's registration and triage start based on data gathered from the ED Patient Dashboard files. For client sites using the ED Dashboard module, enhancements made to the **Registration to Triage Start** emergency department report include the addition of a selectable report time range. Within the selected time range, the number of patients registered, the patients that went from registration to triage start, and the average time from registration to triage start display. The number of minutes from registration to triage start is now measured in exact minutes and displays along with the total number of patients and the percentage for each minute marker. Users can also now create a delimited output file for use in Excel.

**Required action:** Test by running the **Registration to Triage Start** emergency department report. (Putty->Test an option-> MSCD DASHBOARD REPORTS-> Enter start date-> Enter end date-> Enter optional time->Selected Dashboard Measures->Registration to Triage Start). Run the report several times using various dates and date/time range combinations.

**Related Artifact:** 20165



## Behavioral Health

### HBIPS measures Clinical Reminders, Reminder Dialog Documentation and Reports

This release includes **Clinical Reminders** and **Reminder Reports** to support HBIPS 5. This is in addition to the **Seclusion/Restraint** data entry and reporting functionality released in 2016.1.1 for HBIPS measures 2 and 3.

#### HBIPS 5 Clinical Reminders

1. In OpenVista **Reminder Exchange**, install the **MSC ANTIPSYCHOTIC JUSTIFICATION** reminder.

**Note:** Open a ticket with Customer Care for assistance with this step.

**Suggested:** Copy and save locally the **ANTIPSYCHOTIC JUSTIFICATION.xml** template so you can find it easily for step 5 below. **Open a case with Medsphere Customer Care for help importing the TIU template. Customer Care can find the template file at this URL:**

<http://mirrors.medsphere.com/pub/ANTIPSYCHOTIC%20JUSTIFICATION.xml> or in the artifact at <http://sf.medsphere.com:8080/sf/go/artf10825>.

2. Create a TIU note title called **ANTIPSYCHOTIC JUSTIFICATION** in **Document Definitions**; create the title in the **PROGRESS NOTES** class under the **NURSING NOTES** document class.

**NOTE:** The note is named **ANTIPSYCHOTIC JUSTIFICATION** because the reminder looks for the note title with this name.

3. Add the **Reminder** to the **Coversheet Reminders** list. Select the **Reminders** button to open the **Available Reminders** dialog.

Select **Action**, then the **Edit Coversheet** reminders.

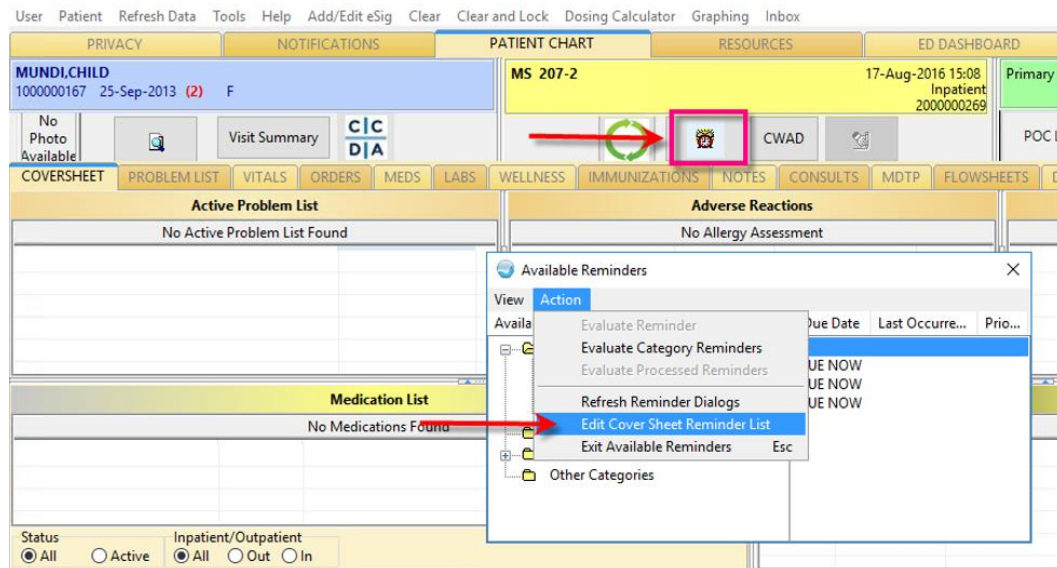


Figure 9: Adding a Reminder to the list

Add the reminder to the **System** for all patients to see the reminder when due; select a **Location** using the dropdown to view on a specific ward location.

Find the **Reminder** in the list of **Available Reminders & Categories** and move it to the box on the right using the arrow. Select **Apply** and **OK**.

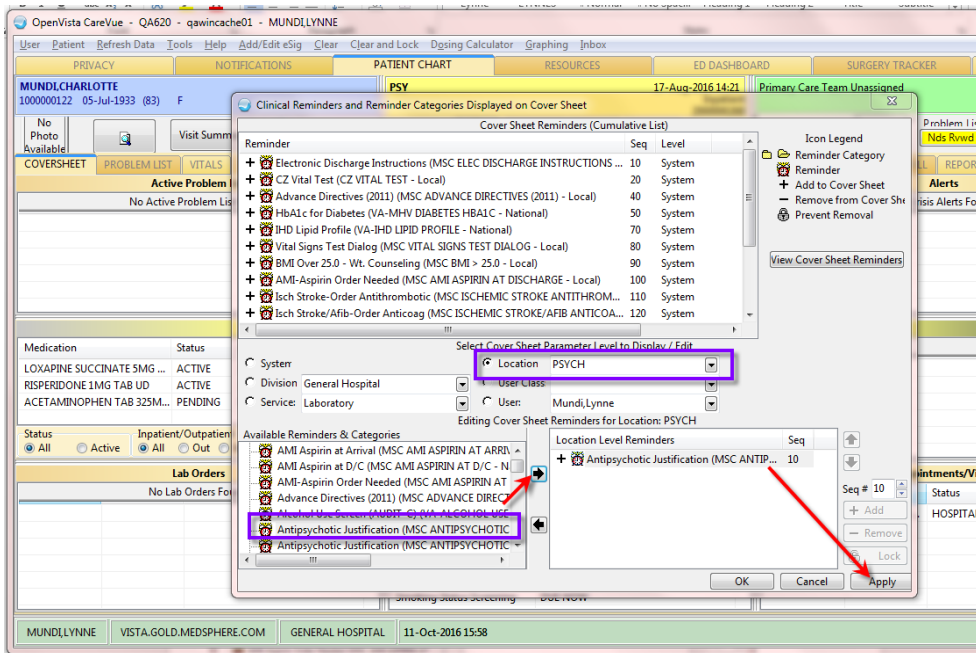


Figure 10: Moving the Reminder to the correct space

4. Create a new **Shared Template** in the CareVue **Notes** tab with the same name of **ANTIPSYCHOTIC JUSTIFICATION**. Select template type **Dialog**.

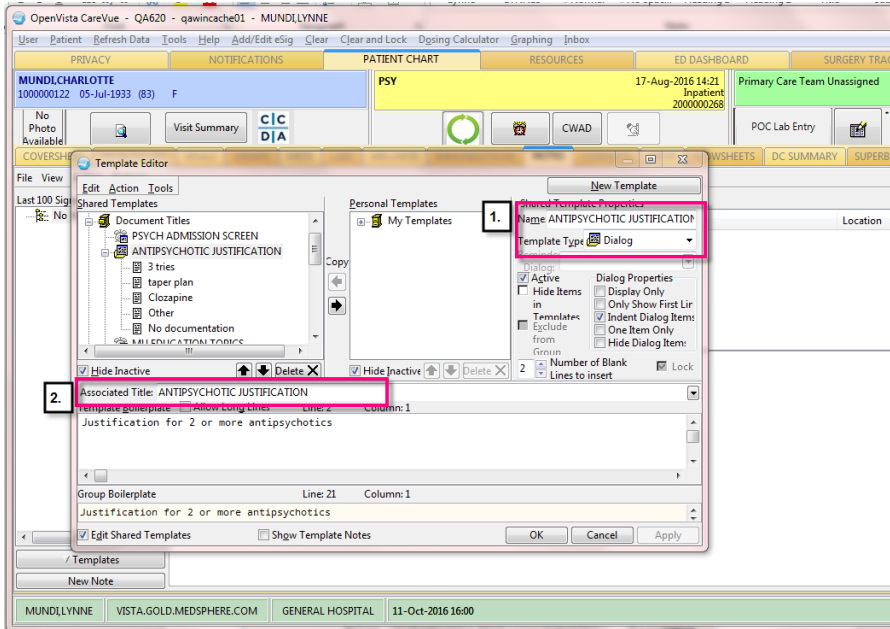


Figure 11: Creating a Shared Template in Notes

5. Import the template you saved in step 1 above to your new template and associate it with the new TIU note title you created.

6. Test the **Reminder** by ordering and signing two outpatient antipsychotic drugs. Process the orders in the **Outpatient Pharmacy** package or print outpatient orders in CareVue. The reminder is now due.

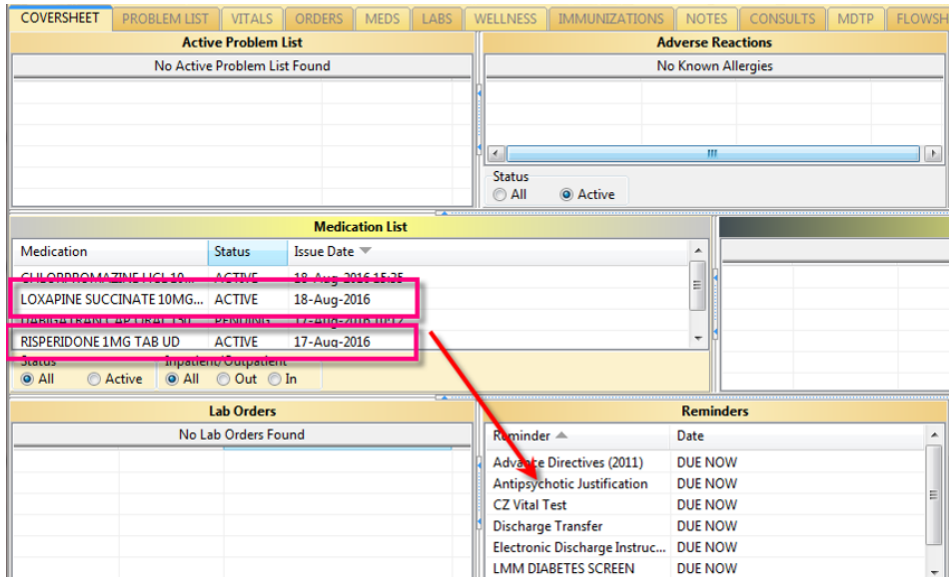


Figure 12: Ordering drugs and confirming new reminder

7. Navigate to the **Notes** tab.

Select **New Note** and select the **Antipsychotic Justification** title. Note that the dialog displays. Complete the note with appropriate answers.

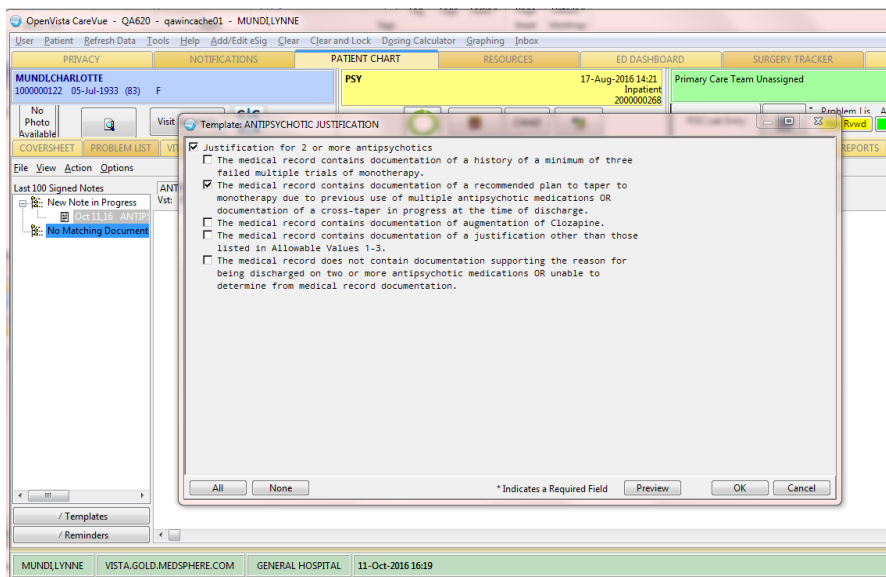


Figure 13: The Antipsychotic Justification dialog

Return to the coversheet and verify that the reminder is no longer due.

8. Report for Measure 5

Select Systems Manager Menu QA620(GTM) Option: test an option not in your menu

Option entry to test: mscr HBIPS REPORTS Hospital Based Inpatient Psychiatric Services Rpts

JUST Antipsychotic Justification

Select Hospital Based Inpatient Psychiatric Services Rpts QA620(GTM) Option: JUS

T Antipsychotic Justification

Hospital Based Inpatient Psychiatric Services Discharge Meds Report

The total number of patients discharged home on 2 or more meds  
with appropriate justification

Enter starting date: 10.1.16 (OCT 01, 2016)

Enter ending date: T (NOV 02, 2016)

Do you want ALL institutions to appear on this report? Y// ES

Chemical Dependency Units that treat patients primarily for  
substance use disorders and occasionally psychiatric diagnoses  
are to be excluded from the HBIPS measures. Please select any such  
units at the prompt below.

Select a location to be excluded:

Select one of the following:

S Summary (Summary Percentages Only)

D Detailed Results

Select report: S// Detailed Results

Select one of the following:

P Standard Printed Output

D Delimited Output

Select report output type: P// Standard Printed Output

DEVICE: HOME// TELNET

Hospital Based Inpatient Psychiatric Services (HBIPS)

Nov 02, 2016

Total Discharge Meds Patients

PAGE 1

Selected Admission Date Range: 10/1/16 to 11/2/16

Multi-divisional preferences: ALL

Hospital location preferences: ALL

PATIENT	WARD	ADMIT DATE	DOB	AGE JUSTIFICATION
1000000221	PSYCH	10/26/16@08:29	11/19/86	29

Hospital Based Inpatient Psychiatric Services (HBIPS)  
 Nov 02, 2016  
 Total Discharge Meds Patients  
 PAGE 2

Selected Admission Date Range: 10/1/16 to 11/2/16  
 Multi-divisional preferences: ALL  
 Hospital location preferences: ALL

Discharge Meds	MED JUSTIFICATION	ADMISSIONS	%
ALL PATIENTS	0	1	0.00%
Children 1-12 yrs	0	0	0.00%
Adolescents 13-17 yrs	0	0	0.00%
Adults 18-64 yrs	0	1	0.00%
Older Adults >= 65yrs	0	0	0.00%

Total # of Patients: 1  
 Total # of Events: 1

**Related artifact: 20162**

## Immunizations

OpenVista CareVue now incorporates several immunization enhancements to improve alignment with immunization registry reporting requirements. Enhancements to the **Immunizations** component included in this release add injection site selections and modify the location for recording vaccine refusals.

Two new selections, **Left Deltoid Subcutaneous** and **Right Deltoid Subcutaneous**, have been added to the list of available **Injection Sites**.

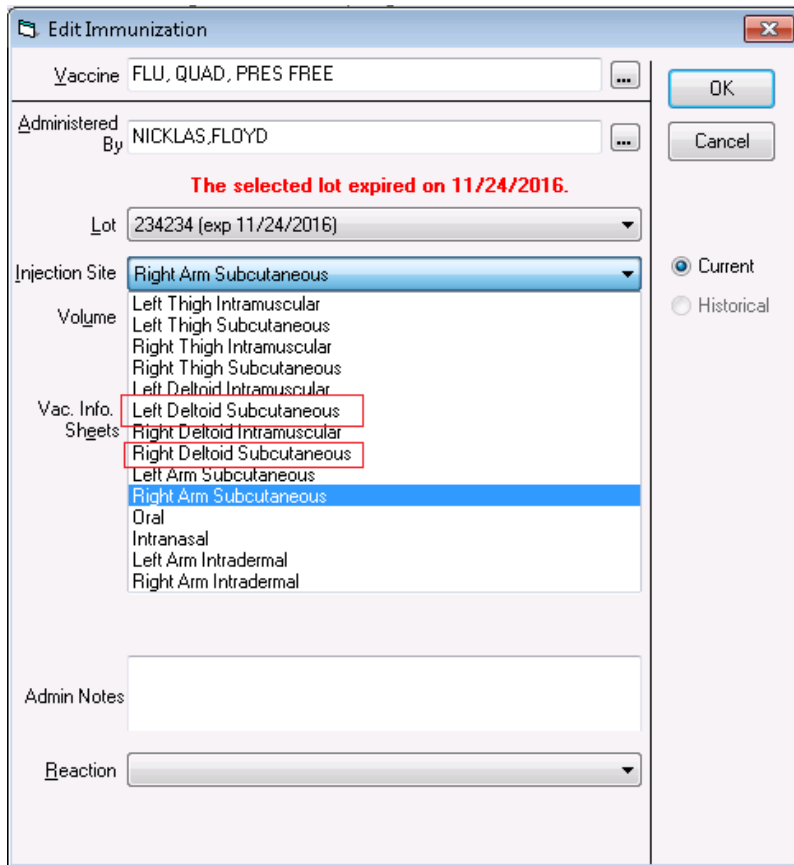


Figure 14: The injection sites list

The **Not Done** radio button has been removed from the **Add Immunization** and **Edit Immunization** dialogs.

The **Contraindications** component on the **Immunizations** tab is now called **Contraindications and Refusals**. Refusals for a vaccine, patient refusals or parent refusals, are documented here.

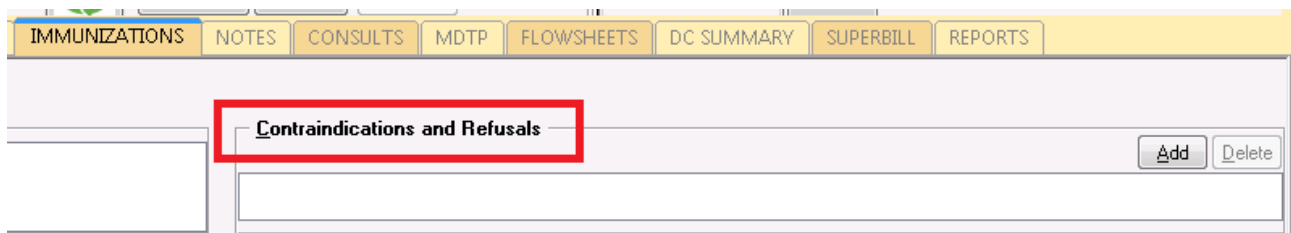


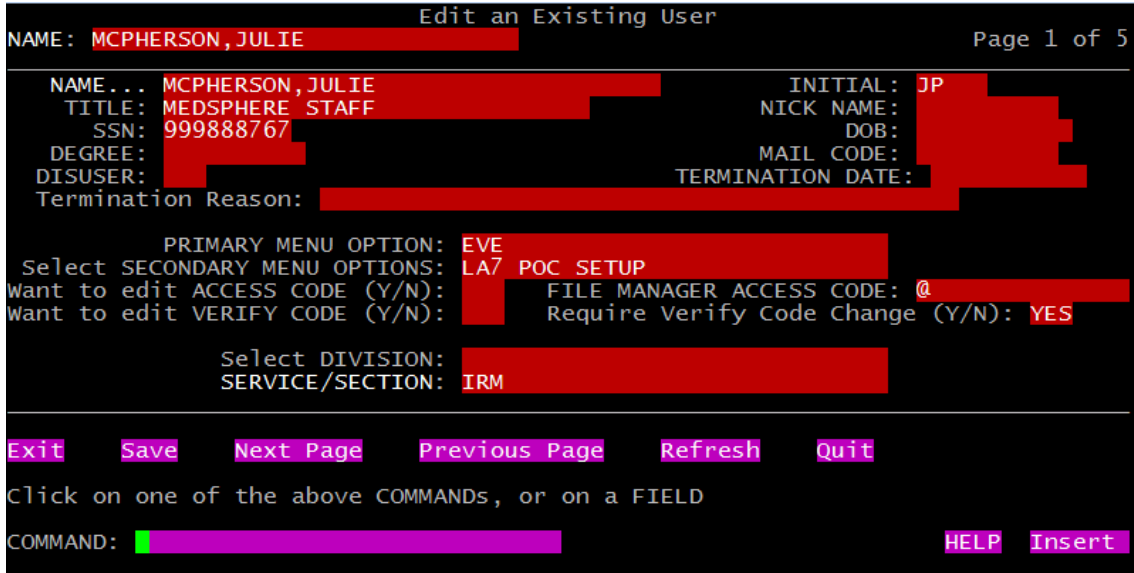
Figure 15: The Contraindications and Refusals module in CareVue

**Related artifact: 20509**

## Infrastructure

### Access/Verify authentication enhancement

When creating a new user or editing an existing user, users must enter a temporary verify code as a security measure. When enabled, a new field added to the **Edit an Existing User** screen requires a new verify code at the next log on.



```

Edit an Existing User
NAME: MCPHERSON, JULIE
Page 1 of 5

NAME... MCPHERSON, JULIE          INITIAL: JP
TITLE: MEDSPHERE STAFF           NICK NAME:
SSN: 999888767                   DOB:
DEGREE:                           MAIL CODE:
DISUSER:                           TERMINATION DATE:
Termination Reason:

PRIMARY MENU OPTION: EVE
Select SECONDARY MENU OPTIONS: LA7 POC SETUP
Want to edit ACCESS CODE (Y/N):    FILE MANAGER ACCESS CODE: @
Want to edit VERIFY CODE (Y/N):    Require Verify Code Change (Y/N): YES

Select DIVISION:
SERVICE/SECTION: IRM

Exit  Save  Next Page  Previous Page  Refresh  Quit
Click on one of the above COMMANDs, or on a FIELD
COMMAND:
HELP  Insert
  
```

Figure 16: Edit an Existing User with Verify Code field

A warning message displays when creating a new user or editing an existing user's access code, reminding the user to enter a verify code.

```

OK, Access code has been changed!
The VERIFY CODE has been deleted as a security measure.
You will need to enter a new VERIFY code so the user can sign-on.
  
```

Figure 17: Verify Code warning message

Type **Y** in the **Want to edit VERIFY CODE (Y/N)** field.

Enter a new verify code.

If the verify code is temporary and the user is forced to enter a new verify at next log on, type **Y** in the **Require Verify Code Change (Y/N)** field. The user must enter the temporary verify code and then change the code at the next log on.

**Required action:** Test in your normal new user access workflow.

**Related artifact:** 20090

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## Release 2016.2.1 Fixes

### CareVue

#### *Home Medications do not discontinue without user action*

**Home Medications** will no longer discontinue without appropriate user action.

**Required action:** Test in your normal **Home Medications** workflows. Ensure that **Home Meds** do not discontinue when no recorded user action has occurred.

**Related artifact: 19626**

#### *Patient Instructions do not appear on the Meds Tab when the checkbox is unchecked*

When ordering an **Outpatient Medication**, the **Patient Instructions** checkbox now behaves correctly; no instructions display when the checkbox is un-checked.

**Required action:** Test in your normal **Outpatient Medication** order workflows. Specifically, test orderable items with **Patient Instruction** text defined in the **Pharmacy Orderable Item Management** menu.

**Related artifact: 19678**

#### *CCDA Clinical Summary report includes appropriate procedures*

The **CCDA Clinical Summary** report displays procedures appropriate for the visit selected.

**Required action:** Test by selecting a patient with multiple visits; each visit should have one or more procedures. Verify that the correct procedures display for each visit. If one of the visits has no procedures, nothing should display.

**Related artifact: 19888**

#### *Order Set List shows full text of items in the Order Set*

The **Order Set List** now opens at an appropriate size.

**Required action:** Test by placing orders using **Order Sets**.

**Related artifact: 20164**

#### *CareVue honors ORLP DEFAULT LIST ORDER*

The CareVue **Patient Selection** list now sorts by room-bed when using the **WARD** option.

**Required action:** In the CareVue **Tools** menu, select **Options > Lists/Teams > Patient Selection Defaults**; configure the **Sort Order** default to be room-bed. Open the **Patient Selection** dialog and select **WARD**. The patient list should be sorted by room-bed.

**Related artifact: 20171**

#### *Clinical indication saved when BEHOORPA CLINICAL INDICATOR is set to OPTIONAL*

Clinical indication is now saved on Labs, OP Meds, Consults, and Procedures when **BEHOORPA CLINICAL INDICATOR** is set to **OPTIONAL**.



**Required action:** Test by ordering labs, outpatient medications, consults, and procedures in your normal workflow.

**Related artifact:** 20188

#### *Patient data objects retrieve data*

Two patient data objects, **Patient Race** and **Patient Ethnicity**, now correctly display patient data when used in TIU templates.

**Required action:** Test using patient race and ethnicity. From the **Notes** tab, enter a new note and select a template with the **Patient Race** and **Patient Ethnicity** patient data objects defined.

**Related artifact:** 20214

#### *Education documentation window on Meds tab automatically displays*

The **Add Patient Education Event** window now automatically displays after the user views the **Education** resource for the selected medication on the **Medications** tab.

**Required action:** Test by selecting a patient with at least one documented medication. Navigate to the **Meds** tab, click on a medication and click the **Ed** button. View the medication literature and close the box. The **Add Patient Education Event** window appears and the user can document the education event.

**Related artifact:** 20398

#### *Expired/Discontinued medications show on Meds tab*

Expired and discontinued medication orders appear correctly on the **Meds** tab regardless of the set date range.

**Required action:** Test via normal **Meds** tab workflows, inspecting discontinued and expired orders from the last 30 days.

**Related artifact:** 20440

#### *Outpatient medications (non-eRx) auto-discontinue upon admission*

Auto-discontinuation of non-eRx outpatient medications on admission now works when correctly configured using auto-DC rules.

**Required action:** Test in your normal admission workflows and auto-discontinue configuration.

**Related artifact:** 20658

## Laboratory

#### *LOINC codes for lab tests include correct units*

LOINC codes attached to lab tests now have correct units included.

**Required action:** Test in your normal workflow when linking LOINC codes to lab tests. Correct units should be linked along with the LOINC code.

**Related artifact:** 19031

### *Gram stain results display in Labs*

Gram stain results now display correctly in the **Most Recent** and **All tests by date** views in the **Labs** tab.

**Required action:** Test by resulting microbiology tests in your normal workflow.

**Related artifact:** 19916

### *No error in release of Chlamydia/GC Amplification LabCorp test*

The **Chlamydia/GC Amplification LabCorp** test can now be released without generating a MUMPS error or being kicked out of PuTTY.

**Required action:** Test by releasing results for the **Chlamydia/GC Amplification** test in your normal resulting workflow.

**Related artifact:** 20142

### *Date/Time button aligns with Date/Time box when choosing Immediate Collect*

When ordering **Immediate Collect** labs, the date/time button is now aligned with the date/time box in the **Lab Order** dialog.

**Required action:** Test by ordering **Immediate Collect** labs in CareVue, using your normal workflow.

**Related artifact:** 20154

### *“All tests by date” view in the Labs tab displays lab results*

Lab results containing >8 characters correctly display in the **All tests by date** view in the **Labs** tab.

**Required action:** Result lab tests in your normal workflow. Note that results with greater than 8 characters are now viewable in their entirety in the **All tests by date** view in the **Labs** tab.

**Related artifact:** 20155

### *Charge-only lab tests go to COMPLETE status*

Charge-only lab tests, e.g., venipuncture charges, now shift to **COMPLETE** status and drop charges and pending worklists.

**Required action:** Test in your normal charge-only lab test workflow.

**Suggested additional testing:** Confirm that lab orders have **COMPLETED** by using the “Look up accession” option in the lab package. Confirm that OE orders have gone to **COMPLETE** by checking the status in CareVue.

**Related artifact:** 20157

### *Lab auto verification verifies all results from all accession areas*

Lab auto verification now verifies all reference lab test results no matter what accession area is defined for that test (assuming all other configuration is correct).

**Required action:** Test using the auto verification option **MSC REF LAB AUTO VERIFY**. All reference lab tests on a single load/worklist with a single profile should be auto verified.

**Note:** Open a ticket with Customer Care for assistance with this step.

**Required configuration:** Configure reference lab load/worklists with only one profile. List all reference lab tests on this profile, regardless of what accession area they are configured in. If a load/worklist requires more than one profile, auto verification is not an option for that load/worklist.

**Related artifact: 20454**

## Pharmacy

### *Activity Log correct for Interfaced ADM dispense history*

When choosing the **Activity Log** in the Pharmacy application to display drug dispense activity, the dispense history now correctly shows that the drug was dispensed from an ADM.

**Required action:** Review the **Activity Log** in the Pharmacy application for a patient who has interfaced messages sent to OpenVista for medications. Those medications now display as entered by ADM with the date, time and units.

**Related artifact: 20412**

## Bar Code Medication Administration

### *BCMA administration not generating charges*

Charges are no longer generated by administrations in BCMA when no charge master entry exists for a drug.

**Required action:** Test in your normal BCMA workflows while monitoring generated charges.

**Related artifact: 20274**

## Interfaces

### *Diet orders contain the correct date/time the order was signed*

**NPO after Midnight** diet order messages now contain the correct order effective date/time in ORC-15.

**Required action:** From CareVue, place an **NPO at Midnight** diet order. Check the interface diet order message and verify that the time is **0000** in ORC.15.

**Suggested additional testing:** Before the previous testing step, stop and start the Diet interface HL7 Logical Link (MSCFH) interface.

**Related artifact: 19574**

### *Transcriptions file to the correct patient visit*

When using the transcriptions interface, sent transcriptions correctly file in the location designated in the PV1.4 segment.

**Required action:** Test using a patient with an ER and inpatient visit. Send a transcription report for both visit locations. Check the unsigned notes on the **Notes** tab and make sure each files correctly.

**Suggested additional testing:** It may be necessary to include a Mirth transform to remove any extraneous ^ at the end of the PV1.44 field.

**Note:** Contact Customer Care for assistance with configuration of Mirth transforms.

**Related artifact:** 20168

#### *“Fill on Request” medications charge appropriately for Charge on Administration sites*

Previously at **Charge on Administration** sites, a **Fill on Request** medication was charged on dispense if the orderable schedule type was set to **Fill on Request** regardless of whether the actual medication order schedule type was changed during order verification. Now a medication is charged on administration or dispense based on the schedule type of the actual order after verification.

**Required action:** Test in your normal workflow for charging medications with **Fill on Request** schedule type.

**Related artifact:** 20295

#### *Date of Service for charge messages is original ADM dispense message date*

Charge messages generated by ADM dispense transactions now contain the original dispense transaction date/time regardless of whether the interface transaction is delayed in transmitting to OpenVista.

**Required action:** Shut down the **ADM IN** link in OpenVista and dispense a medication from the ADM. The next day, restart the **ADM IN** link and resend the messages from Mirth. Review the charge messages in Mirth, verifying that the FT1.4 has the correct transaction date/time.

**Related artifact:** 20445

## Group Notes

### *Group Notes print correctly*

An issue with **Group Notes** text being cut off when viewed in physical prints or PDF format has been fixed. **Group Notes** print as expected.

**Required action:** Create notes from **Group Notes** and access them in CareVue. Print the notes using a printer or PDF creator and confirm that all text is visible.

**Related artifact:** 19520

## Menus and Options

### *“Edit Signature Block Title” option available*

The **YS SITE-FILE 16** option, **Edit Signature Block Title**, is available as expected in OpenVista.

**Required action:** Use the **Edit Signature Block Title** option in normal workflows to edit a user's **Signature Block Printed Name** and/or **Signature Block Title**.

**Related artifact:** 20061

## Nutrition and Food Service

### *Ordering diets with manual delayed releases*

When using delayed orders for an outpatient and a manual release event for an inpatient ward, users can place diet orders as expected.

**Required action:** Test in your normal workflows for ordering diets as delayed orders, with a manual release event intended for a patient to be admitted to an inpatient ward.

**Related artifact: 20045**