

Medsphere OpenVista

Release 2016.2.1 Enhancements

Electronic Prescribing

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Medsphere[®]

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Release 2016.2.1 eRx Enhancements

Note: All electronic prescribing (eRx) testing must be done in production; eRx cannot be set up in a development environment.

Mapping allergies and medications

In previous versions of eRx, users were required to manually map allergies and medications to facilitate allergy and drug interaction checking. Medsphere has enhanced the integration of OpenVista and eRx to automatically map medications and drug allergies, eliminating the need to perform these steps manually.

Before implementing this release, sites with eRx in production must have Medsphere personnel load an RxNorms file matched specifically to the site's medication formulary. This mapping may not be 100 percent effective, depending on the formulary setup and the site's NDC maintenance and NDF mapping procedures. The medication RxNorm must be accurate and recognized by eRx to be automatically mapped. Confirming that your formulary has accurate NDCs in the primary NDC field and that all formulary items are mapped to the NDF, when appropriate, will help ensure a high percentage of matches.

FileMan can be used to manually change or add an RxNorm to a medication.

Medications

Inpatient, outpatient and home medications entered in CareVue and mapped to a dispense medication are now automatically mapped and display in the **Current Medication** section of eRx. This enables automated drug/drug, drug/allergy and drug/disease interaction checking. Orders that do not yet have a dispense drug assigned, are not true medications, or are not recognized by eRx will continue to display in the **Imported Meds** section. Use the following information to determine when different types of medications are assigned a dispense drug.

Inpatient Medications

- Must have a pre-defined local dosage associated with an orderable and chosen during order entry
- Must have a status of **Pending** or **Active** in CareVue
- If there is no pre-defined local dose associated and chosen during order entry, the order must be verified by Pharmacy

Outpatient Medications

- Must have a pre-defined local dosage associated with an orderable and chosen during order entry
- Must have a status of **Active** in CareVue
- If there is no pre-defined local dose associated and chosen during order entry, the order must be made active by either printing the prescription or verifying it within Putty

Home Medications

- Must have a pre-defined local dosage associated with an orderable and chosen during order entry
- Must have a status of **Active** in CareVue

Action	Chronic	Outpatient Medications	Status	Process	Issued	Last Filled	Expires	Refills Remaining	Rx #	Provider
		ARIPIPRAZOLE 10MG TAB Qty: 90 (NINETY) for 90 days Sig: TAKE ONE TABLET BY MOUTH AT BEDTIME TAKE WITH FOOD TAKE WITH FOOD TEST	Active		14-Mar-2017	14-Mar-2017	15-Mar-2018	2	X572	KING,KURTIS

Action		Home Meds	Status	Start Date						
		HOME MEDICATIONS CAPTOPRIL 12.5MG TAB UD [GEQ; CAPOTEN] 12.5MG MOUTH TWICE A DAY	Active							

Action		Inpatient Medications	Status	Stop Date						
		QUINAPRIL TAB 20MG [GEQ; ACCUPRIL] Give: 20MG PO BID \Take with food	Active	14-Apr-2017						
		WARFARIN TAB 3MG [GEQ; COUMADIN] Give: 3MG PO DAILY \take with food INRs weekly	Active	14-Apr-2017						

Figure 1: Medications entered in CareVue

Select	Current Medications for STONE M TEST				Drug Review		D / C
<input type="checkbox"/>	Rx Date	Drug	Sig	#	Refill	Doc/Loc/Source	
<input type="checkbox"/>	03/14/17	captopril 12.5 mg tablet replace	TAKE 1 TABLET BY MOUTH TWICE A DAY Take with food	0	0	KING,KURTIS Partner System	EDIT  <input type="checkbox"/>
<input type="checkbox"/>	03/14/17	warfarin 3 mg tablet replace	3MG PO DAILY take with food INRs weekly	0	0	KING,KURTIS Partner System	EDIT  <input type="checkbox"/>
<input type="checkbox"/>	03/14/17	quinapril 20 mg tablet replace	20MG PO BID Take with food	0	0	KING,KURTIS Partner System	EDIT  <input type="checkbox"/>
<input type="checkbox"/>	03/14/17	aripiprazole 10 mg tablet replace	TAKE ONE TABLET BY MOUTH AT BEDTIME TAKE WITH FOOD PATIENT INSTRUCTIONS	90	2	KING,KURTIS Partner System	EDIT  <input type="checkbox"/>

Figure 2: Medications displayed in eRx

When CareVue medications are automatically mapped in eRx, the SIG is sent in the manner it displays in CareVue with patient instructions included. This information appears in the **Additional Sig** section of eRx. The **Additional Sig** option is selected for the actual eRx dose and frequency fields by default. An eRx formatted in this manner can be sent successfully to a pharmacy.

All outpatient medications entered in CareVue incorporate the information required to transmit the eRx to a pharmacy, including dispense quantity and number of refills. Home medications and inpatient medications entered in CareVue must have the dispense quantity and the number of refills entered in eRx for successful transmission.

ARIPRAZOLE TAB Change

Dosage Complex

Dosage	Route	Schedule
10MG	ORAL	BEDTIME <input type="checkbox"/> PRN
5MG 10.0254	ORAL	annually
10MG 9.4137		BEDTIME
10MG 10.0254		BID
15MG 9.4137		BIDAC
15MG 10.0254		BIDPC
20MG 14.174		BIDWM

Patient Instructions:

Days Supply: 90 Qty (TAB): 90 Refills: 2 Clinical Indication: Nonunion of fracture Chronic Med Dispense as Written Discharge Medication

Priority: ROUTINE

Pick Up: Clinic Mail Window

Notes to Pharmacist:

Take with Food

ARIPRAZOLE TAB 10MG
 TAKE 1 TABLET BY MOUTH AT BEDTIME Take with Food
 Quantity: 90 Refills: 2 Chronic Med: NO Dispense as Written: NO Clinical Indication:
 Nonunion of fracture

Figure 3: CareVue outpatient medication details

Add'l Sig	tablet	by mouth	Add'l Sig	#90	Tablet	2
-----------	--------	----------	-----------	-----	--------	---

0.33/third

0.5/half

0.5-1

1.5

2

2.5

3

4

5

6

7

8

9

10

11

12

15

20

30

Add'l Sig

7.5

PRN DAW / DNS

Q2h

Q3h

Q4-6h

Q6h

Q6-8h

Q8h

Q8-12h

Q12h

Q48h

Q72h

NIGHTLY

QHS

in A.M.

EVERY OTHER DAY

2 TIMES WEEKLY

3 TIMES WEEKLY

Q1wk

Q2wks

Q3wks

Once a month

Add'l Sig

Days Supply

Refills

Additional Sig: (w ill appear on rx label)

TAKE ONE TABLET BY MOUTH AT BEDTIME TAKE WITH FOOD PATIENT INSTRUCTIONS

Figure 4: eRx medication order details

Because all inpatient and outpatient orders and home medications within CareVue are now automatically mapped, they will display in the eRx **Current Medications** list. CareVue only displays eRx in the **Outpatient Medication** section when the user has attempted to transmit (fax or electronic) or print the Rx from within eRx. Enter directly into CareVue any outpatient medications that need to appear on the **Outpatient** tab but will not be sent to a pharmacy.

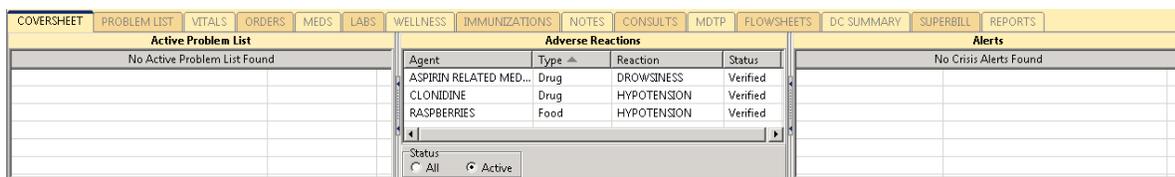
Drug Allergies

As described, drug allergies entered in CareVue are now automatically mapped to eRx medications. Drug allergies that are not recognized by eRx display in the **Imported allergy** section as before; no allergy check is performed.

This integration is only possible when true drug allergies are recognized by eRx. Though some food allergies can be manually mapped to eRx allergens, this is not recommended because food/drug allergy checking is not currently supported by eRx. It is clearer for providers if allergies not included in allergy checking are included only in the **Imported allergy** section.

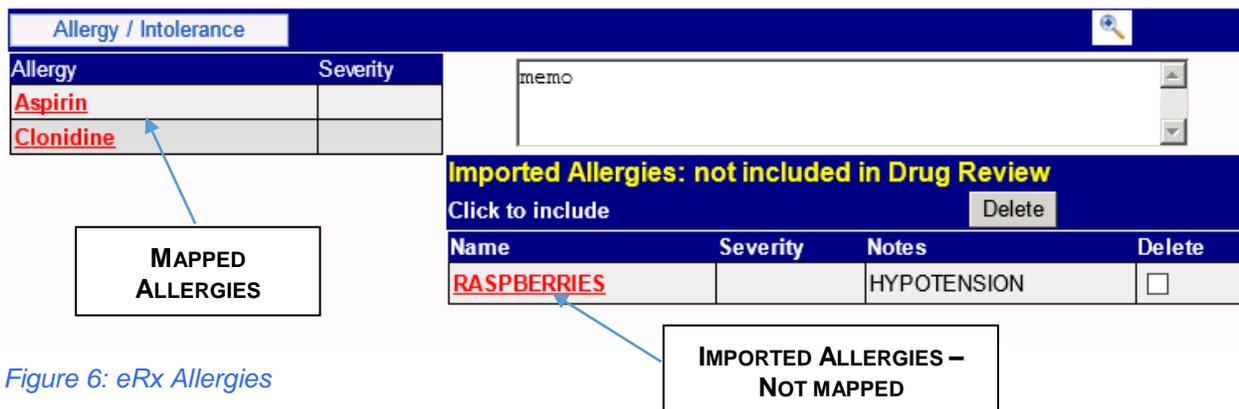
If an allergy must be inactivated, do so in both CareVue and eRx. This issue will be addressed in a later release.

Single Ingredient Medication Allergies



Active Problem List				Adverse Reactions				Alerts			
No Active Problem List Found				Agent	Type	Reaction	Status	No Crisis Alerts Found			
				ASPIRIN RELATED MED...	Drug	DROWSINESS	Verified				
				CLONIDINE	Drug	HYPOTENSION	Verified				
				RASPBERRIES	Food	HYPOTENSION	Verified				
				Status: <input type="radio"/> All <input checked="" type="radio"/> Active							

Figure 5: CareVue Allergies



Allergy / Intolerance		Severity	memo	
Aspirin				
Clonidine				
Imported Allergies: not included in Drug Review				
Click to include			Delete	
Name	Severity	Notes	Delete	
RASPBERRIES		HYPOTENSION	<input type="checkbox"/>	

MAPPED ALLERGIES (points to Aspirin and Clonidine)

IMPORTED ALLERGIES – NOT MAPPED (points to RASPBERRIES)

Figure 6: eRx Allergies

Multi-Ingredient Medication Allergies

When a multi-ingredient medication allergy is entered in CareVue, OpenVista sends a list of the individual ingredients to eRx. For example, if Bactrim is entered as an allergy, sulfamethoxazole and trimethoprim are sent and display as allergies in the eRx application. Inactive ingredients contained in some medications (e.g., creams, etc.) may not map within eRx; these entries appear in the **Imported allergy** section of eRx.

COVERSHEET	PROBLEM LIST	VITALS	ORDERS	MEDS	LABS	WELLNESS	IMMUNIZATIONS	NOTES	CONSULTS	MDTP	FLOWSHEETS	DC SUMMARY	SUPERBILL	REPORTS
Active Problem List		Adverse Reactions						Alerts						
No Active Problem List Found		Agent	Type	Reaction	Status	No Crisis Alerts Found								
		BACTRIM	Drug	CHEST PAIN	Verified									
		Status <input type="radio"/> All <input checked="" type="radio"/> Active												

Figure 7: Multi-ingredient medication allergy CareVue

Doctor's List
Drug Sets/Compounds
Drug Search

Include 'obsolete' drugs
 Ophthalmic only
 Insulin + Supplies
 Pediatric Dosing

Allergy / Intolerance

Allergy	Severity
Sulfamethoxazole	
Trimethoprim	

memo

Figure 8: Multi-ingredient medication allergy displayed in eRx

Required action: Test in your PROD environment using your normal eRx workflow.

Suggested additional testing: Test in your PROD environment by transmitting eRx to a pharmacy after receiving that pharmacy's approval to use a test patient. Do not use test physicians with a production eRx system. Test drug interaction and allergy checking in eRx using mapped medications and allergies.

Related artifact: 20537

Supporting an expanded eRx view

CareVue now supports an expanded view of the eRx application to decrease the amount of scrolling needed while navigating screens. This expansion was accomplished by creating a separate window for eRx outside of CareVue. The user must close eRx to navigate and view other information within the patient's chart.

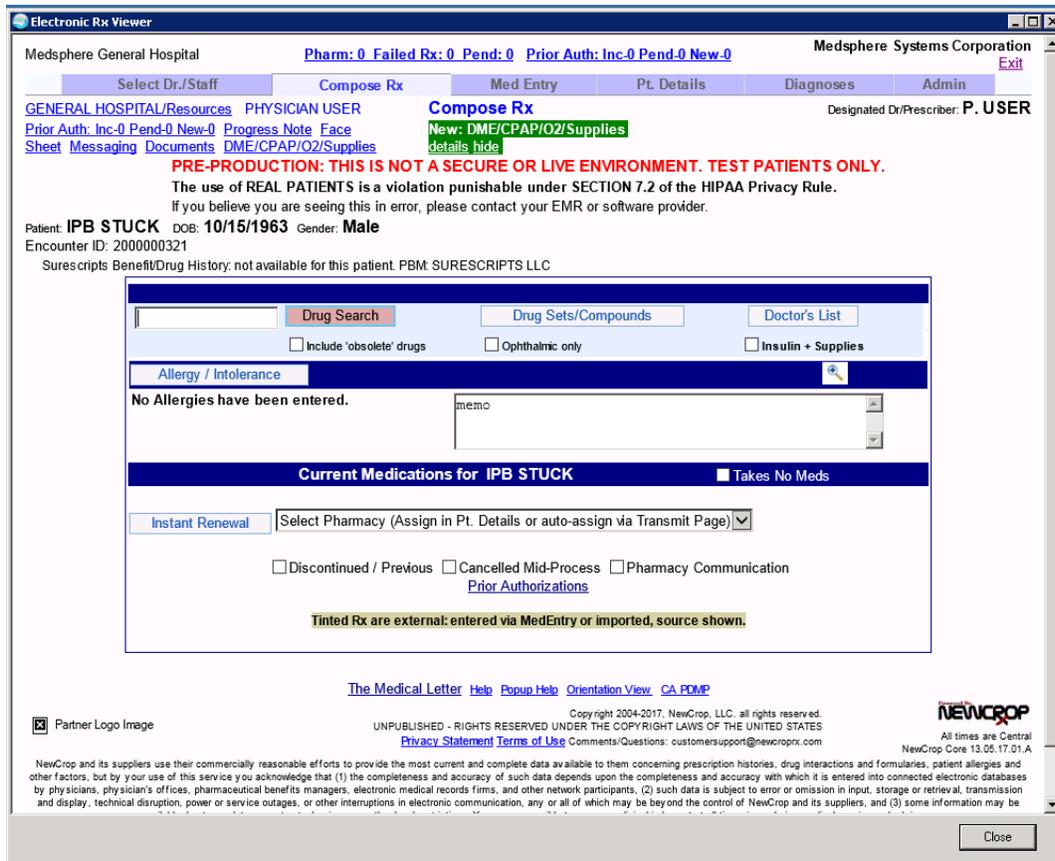


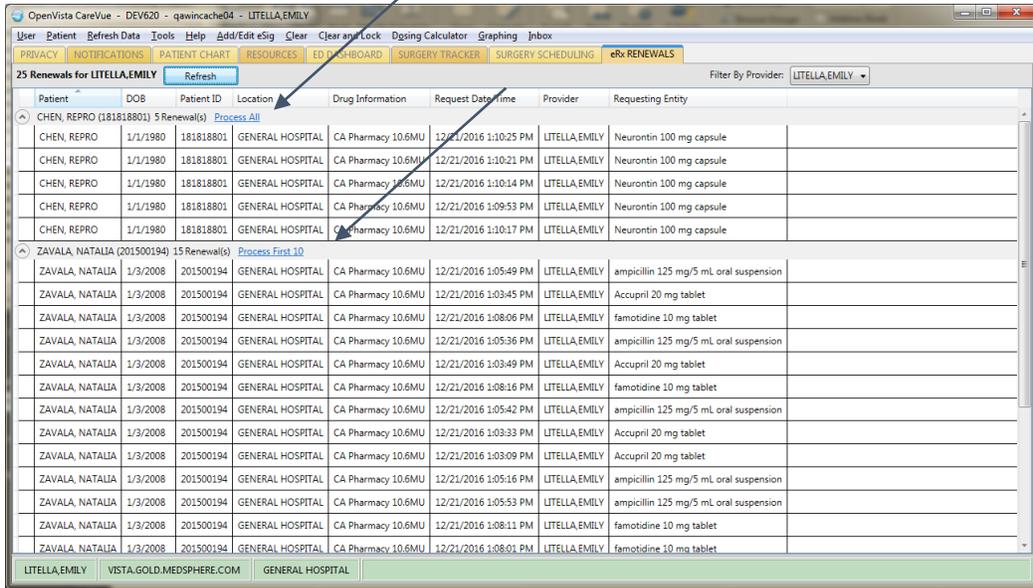
Figure 9: The expanded eRx view in CareVue

Required action: Test your normal eRx workflow in your PROD environment.

Related artifact: 20533

Linking CareVue eRx renewal to patient specific renewal queue in NewCROP

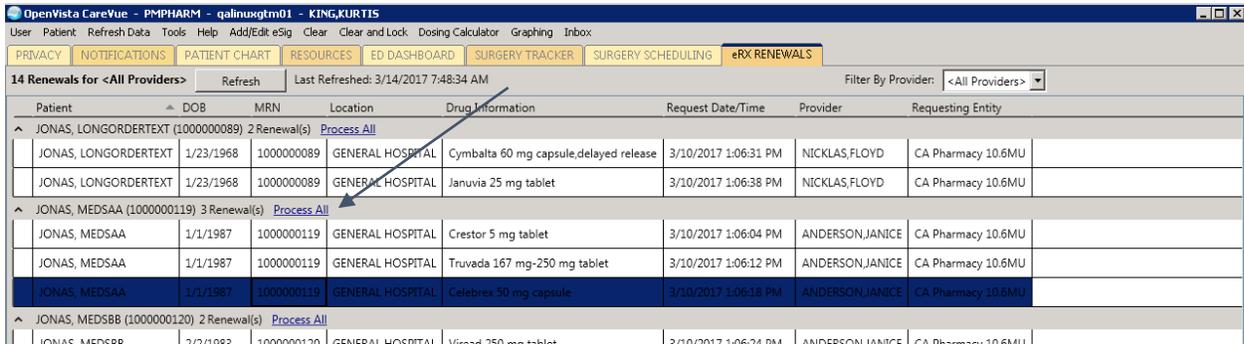
The enhanced renewal queue display groups renewal requests by patient. The number of renewals is listed next to the patient name/MRN. Select **Process** for a patient with renewal requests that contain a valid MRN, which opens the **Meds** tab in that patient's CareVue chart. eRx then opens automatically to the patient specific renewal window so the user can approve or deny the request(s). Users can process up to 10 requests at a time (see below).



Patient	DOB	Patient ID	Location	Drug Information	Request Date/Time	Provider	Requesting Entity
25 Renewals for LITELLA, EMILY Filter By Provider: LITELLA, EMILY							
<input type="button" value="Process All"/>							
CHEN, REPRO (181818801)		5 Renewal(s)	Process All				
CHEN, REPRO	1/1/1980	181818801	GENERAL HOSPITAL	CA Pharmacy 10.6MU	12/21/2016 1:10:25 PM	LITELLA, EMILY	Neurontin 100 mg capsule
CHEN, REPRO	1/1/1980	181818801	GENERAL HOSPITAL	CA Pharmacy 10.6MU	12/21/2016 1:10:21 PM	LITELLA, EMILY	Neurontin 100 mg capsule
CHEN, REPRO	1/1/1980	181818801	GENERAL HOSPITAL	CA Pharmacy 10.6MU	12/21/2016 1:10:14 PM	LITELLA, EMILY	Neurontin 100 mg capsule
CHEN, REPRO	1/1/1980	181818801	GENERAL HOSPITAL	CA Pharmacy 10.6MU	12/21/2016 1:09:53 PM	LITELLA, EMILY	Neurontin 100 mg capsule
CHEN, REPRO	1/1/1980	181818801	GENERAL HOSPITAL	CA Pharmacy 10.6MU	12/21/2016 1:10:17 PM	LITELLA, EMILY	Neurontin 100 mg capsule
15 Renewals for ZAVALA, NATALIA Filter By Provider: LITELLA, EMILY							
<input type="button" value="Process First 10"/>							
ZAVALA, NATALIA (201500194)		15 Renewal(s)	Process First 10				
ZAVALA, NATALIA	1/3/2008	201500194	GENERAL HOSPITAL	CA Pharmacy 10.6MU	12/21/2016 1:05:49 PM	LITELLA, EMILY	ampicillin 125 mg/5 ml. oral suspension
ZAVALA, NATALIA	1/3/2008	201500194	GENERAL HOSPITAL	CA Pharmacy 10.6MU	12/21/2016 1:03:45 PM	LITELLA, EMILY	Accupril 20 mg tablet
ZAVALA, NATALIA	1/3/2008	201500194	GENERAL HOSPITAL	CA Pharmacy 10.6MU	12/21/2016 1:08:06 PM	LITELLA, EMILY	famotidine 10 mg tablet
ZAVALA, NATALIA	1/3/2008	201500194	GENERAL HOSPITAL	CA Pharmacy 10.6MU	12/21/2016 1:05:36 PM	LITELLA, EMILY	ampicillin 125 mg/5 ml. oral suspension
ZAVALA, NATALIA	1/3/2008	201500194	GENERAL HOSPITAL	CA Pharmacy 10.6MU	12/21/2016 1:03:49 PM	LITELLA, EMILY	Accupril 20 mg tablet
ZAVALA, NATALIA	1/3/2008	201500194	GENERAL HOSPITAL	CA Pharmacy 10.6MU	12/21/2016 1:08:16 PM	LITELLA, EMILY	famotidine 10 mg tablet
ZAVALA, NATALIA	1/3/2008	201500194	GENERAL HOSPITAL	CA Pharmacy 10.6MU	12/21/2016 1:05:42 PM	LITELLA, EMILY	ampicillin 125 mg/5 ml. oral suspension
ZAVALA, NATALIA	1/3/2008	201500194	GENERAL HOSPITAL	CA Pharmacy 10.6MU	12/21/2016 1:03:33 PM	LITELLA, EMILY	Accupril 20 mg tablet
ZAVALA, NATALIA	1/3/2008	201500194	GENERAL HOSPITAL	CA Pharmacy 10.6MU	12/21/2016 1:03:09 PM	LITELLA, EMILY	Accupril 20 mg tablet
ZAVALA, NATALIA	1/3/2008	201500194	GENERAL HOSPITAL	CA Pharmacy 10.6MU	12/21/2016 1:05:16 PM	LITELLA, EMILY	ampicillin 125 mg/5 ml. oral suspension
ZAVALA, NATALIA	1/3/2008	201500194	GENERAL HOSPITAL	CA Pharmacy 10.6MU	12/21/2016 1:05:53 PM	LITELLA, EMILY	ampicillin 125 mg/5 ml. oral suspension
ZAVALA, NATALIA	1/3/2008	201500194	GENERAL HOSPITAL	CA Pharmacy 10.6MU	12/21/2016 1:08:11 PM	LITELLA, EMILY	famotidine 10 mg tablet
ZAVALA, NATALIA	1/3/2008	201500194	GENERAL HOSPITAL	CA Pharmacy 10.6MU	12/21/2016 1:08:01 PM	LITELLA, EMILY	famotidine 10 mg tablet

Figure 10: CareVue renewal queue

Select the **Process All** button to access the patient chart; log directly into eRx's patient specific renewal queue to see and approve or deny the renewals for that patient. The renewal in process displays in yellow in the header in eRx. Once one renewal is accepted or denied, the next renewal in the list displays. A select button to the left of each renewal enables the user to complete all outstanding renewals.



Patient	DOB	MRN	Location	Drug Information	Request Date/Time	Provider	Requesting Entity
14 Renewals for <All Providers> Filter By Provider: <All Providers>							
<input type="button" value="Process All"/>							
Last Refreshed: 3/14/2017 7:48:34 AM							
JONAS, LONGORDERTEXT (1000000089)		2 Renewal(s)	Process All				
JONAS, LONGORDERTEXT	1/23/1968	1000000089	GENERAL HOSPITAL	Cymbalta 60 mg capsule, delayed release	3/10/2017 1:06:31 PM	NICKLAS, FLOYD	CA Pharmacy 10.6MU
JONAS, LONGORDERTEXT	1/23/1968	1000000089	GENERAL HOSPITAL	Januvia 25 mg tablet	3/10/2017 1:06:38 PM	NICKLAS, FLOYD	CA Pharmacy 10.6MU
3 Renewals for JONAS, MEDSAA Filter By Provider: <All Providers>							
<input type="button" value="Process All"/>							
JONAS, MEDSAA (1000000119)		3 Renewal(s)	Process All				
JONAS, MEDSAA	1/1/1987	1000000119	GENERAL HOSPITAL	Crestor 5 mg tablet	3/10/2017 1:06:04 PM	ANDERSON, JANICE	CA Pharmacy 10.6MU
JONAS, MEDSAA	1/1/1987	1000000119	GENERAL HOSPITAL	Truvada 167 mg-250 mg tablet	3/10/2017 1:06:12 PM	ANDERSON, JANICE	CA Pharmacy 10.6MU
JONAS, MEDSAA	1/1/1987	1000000119	GENERAL HOSPITAL	Celebrex 50 mg capsule	3/10/2017 1:06:18 PM	ANDERSON, JANICE	CA Pharmacy 10.6MU
2 Renewals for JONAS, MEDSBB Filter By Provider: <All Providers>							
<input type="button" value="Process All"/>							
JONAS, MEDSBB (1000000120)		2 Renewal(s)	Process All				
JONAS, MEDSBB	1/1/1982	1000000120	GENERAL HOSPITAL	Viread 250 mg tablet	3/10/2017 1:06:34 PM	ANDERSON, JANICE	CA Pharmacy 10.6MU

Figure 11: Selecting Process All in the renewal queue

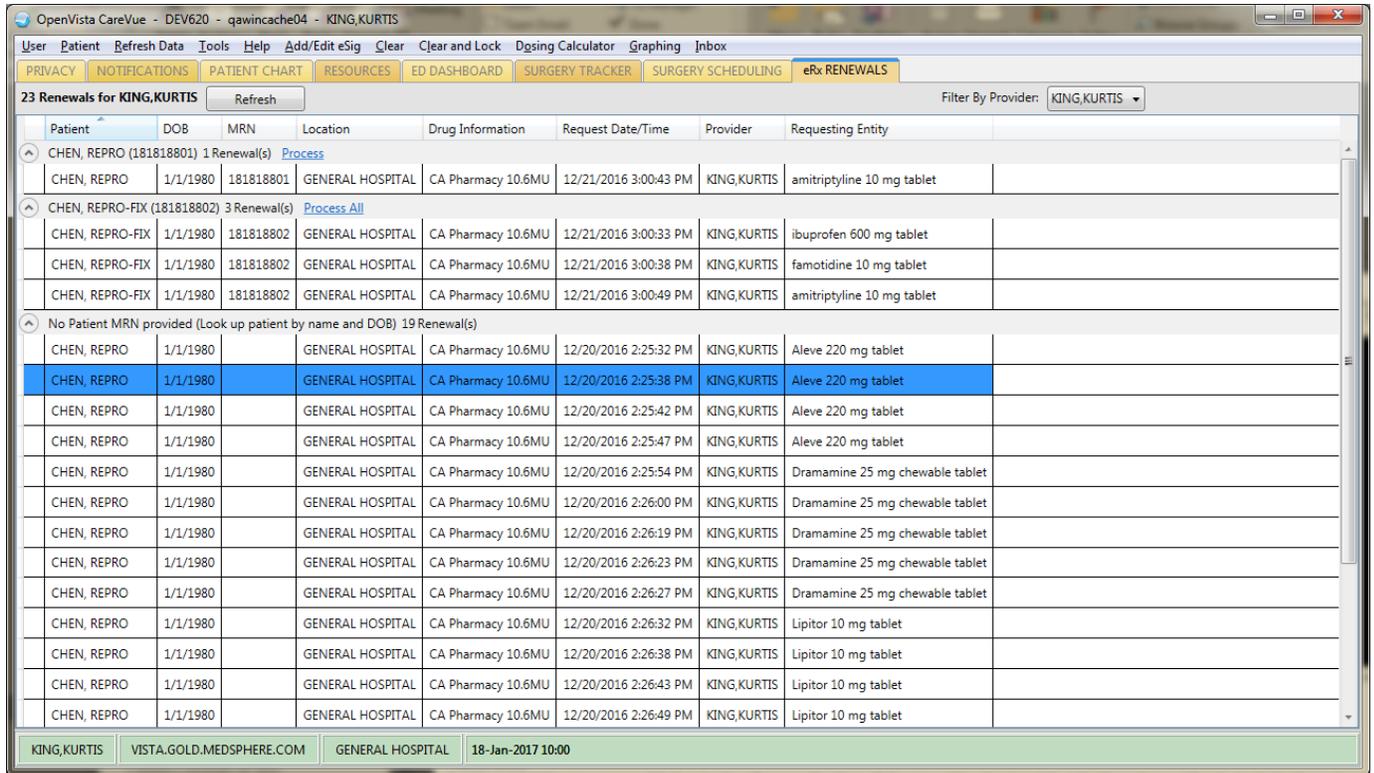
Batch Renewal List					
Crestor 5 mg tablet					
Truvada 167 mg-250 mg tablet					
Celebrex 50 mg capsule					
Drug and Sig must match pharmacy request. No change allowed. Use 'Deny/Rewrite' to modify or replace.					
Your Response:					
Rx Date Stage	Drug	Sig	#	Doc/Loc/Source	
03/14/17	Crestor 5 mg tablet	1 tablet by mouth daily	30	K. KING	
Pharmacy Request: Date Written: 02/17/17 Last Filled: 02/17/17					
Request	Drug	Sig	#	Refill	Prescriber
02/17/17	Crestor 5 mg tablet	1 tablet by mouth daily	30	0	JANICE ANDERSON
<input type="button" value="Deny/ReWrite"/>					Total number of refills approved:
To Deny, first select reason or enter in Message to pharmacist <input type="button" value="Deny"/>					1 + <input type="text" value="0"/>
Message to pharmacist: <input type="text"/>					<input type="button" value="Accept"/>
Doctor: JANICE ANDERSON GENERAL HOSPITAL 1903 Wright Place Carlsbad, CA 92008 Pharmacy: CA Pharmacy 10.6MU 65432 Cabernet Turn Sonoma CA, 95476 Telephone: 7072107071					

Figure 12: eRx patient specific renewal queue

Batch Renewal List		
Select	Truvada 167 mg-250 mg tablet	
Select	Celebrex 50 mg capsule	
Renewal request, below, was accepted: total number of refills approved: 1 + 0		
Doctor: JANICE ANDERSON GENERAL HOSPITAL 1903 Wright Place Carlsbad, CA 92008 Pharmacy: CA Pharmacy 10.6MU 65432 Cabernet Turn Sonoma CA, 95476 Telephone: 7072107071 45967090790029911557MS-AP1M1-20170310-0011N20170217151805EE23836C82013-10-11T20:29:17.4847891ZTESTREF4REFREQ1.1957df145838346c8a4764a92e9d456f7		
RxReferenceNumber: TESTREF4REFREQ1.1	PrescriberOrderNumber: 957df145838346c8a4764a92e9d456f7	
Pharmacy: CA Pharmacy 10.6MU NCPDP:9911557	65432 Cabernet Turn Sonoma, CA 95476	Telephone: 7075157071 Fax: 7075157072
Doctor: JANICE ANDERSON NPI: 3574521258 State License: 3634353	GENERAL HOSPITAL 1903 Wright Place Suite 120 Carlsbad, CA 92008	Telephone: 7606923799 Fax: 7608333701
Patient: MEDSAA JONAS DOB: 1987-01-01 Gender: Male	1 jerdy ln Dana Point, CA 92629	
Med Prescribed: Crestor 5 mg tablet	Quantity: 30 Tablet	Written: 2017-02-17
NDC 00310075590	Substitution Allowed	Last fill:
Form: Not specified	Pharmacy requested refills: 0	
Strength: Unit: Not specified	Days supply:	
Reference: Not specified SBD 859426		
SIG: 1 tablet by mouth daily		
Pharmacist Notes: MFR COPAY: BIN:004682, PCN:CN, GRP:EC57002165, ID:413640641642, PT PAYS \$3, MAX \$65 PER		

Figure 13: eRx patient specific batch renewal list

If a valid MRN is not sent with the renewal request, the user must first look up the patient in CareVue and then access the eRx via the **Meds** tab, as was the case with previous functionality. Enter the eRx application, select the correct patient and navigate to the NewCrop renewal page to complete the renewal approval/denial process.



Patient	DOB	MRN	Location	Drug Information	Request Date/Time	Provider	Requesting Entity
23 Renewals for KING, KURTIS							
Filter By Provider: KING, KURTIS							
Refresh							
Process							
CHEN, REPRO (181818801)	1/1/1980	181818801	GENERAL HOSPITAL	CA Pharmacy 10.6MU	12/21/2016 3:00:43 PM	KING, KURTIS	amitriptyline 10 mg tablet
Process All							
CHEN, REPRO-FIX (181818802)	1/1/1980	181818802	GENERAL HOSPITAL	CA Pharmacy 10.6MU	12/21/2016 3:00:33 PM	KING, KURTIS	ibuprofen 600 mg tablet
CHEN, REPRO-FIX	1/1/1980	181818802	GENERAL HOSPITAL	CA Pharmacy 10.6MU	12/21/2016 3:00:38 PM	KING, KURTIS	famotidine 10 mg tablet
CHEN, REPRO-FIX	1/1/1980	181818802	GENERAL HOSPITAL	CA Pharmacy 10.6MU	12/21/2016 3:00:49 PM	KING, KURTIS	amitriptyline 10 mg tablet
No Patient MRN provided (Look up patient by name and DOB) 19 Renewal(s)							
CHEN, REPRO	1/1/1980		GENERAL HOSPITAL	CA Pharmacy 10.6MU	12/20/2016 2:25:32 PM	KING, KURTIS	Aleve 220 mg tablet
CHEN, REPRO	1/1/1980		GENERAL HOSPITAL	CA Pharmacy 10.6MU	12/20/2016 2:25:38 PM	KING, KURTIS	Aleve 220 mg tablet
CHEN, REPRO	1/1/1980		GENERAL HOSPITAL	CA Pharmacy 10.6MU	12/20/2016 2:25:42 PM	KING, KURTIS	Aleve 220 mg tablet
CHEN, REPRO	1/1/1980		GENERAL HOSPITAL	CA Pharmacy 10.6MU	12/20/2016 2:25:47 PM	KING, KURTIS	Aleve 220 mg tablet
CHEN, REPRO	1/1/1980		GENERAL HOSPITAL	CA Pharmacy 10.6MU	12/20/2016 2:25:54 PM	KING, KURTIS	Dramamine 25 mg chewable tablet
CHEN, REPRO	1/1/1980		GENERAL HOSPITAL	CA Pharmacy 10.6MU	12/20/2016 2:26:00 PM	KING, KURTIS	Dramamine 25 mg chewable tablet
CHEN, REPRO	1/1/1980		GENERAL HOSPITAL	CA Pharmacy 10.6MU	12/20/2016 2:26:19 PM	KING, KURTIS	Dramamine 25 mg chewable tablet
CHEN, REPRO	1/1/1980		GENERAL HOSPITAL	CA Pharmacy 10.6MU	12/20/2016 2:26:23 PM	KING, KURTIS	Dramamine 25 mg chewable tablet
CHEN, REPRO	1/1/1980		GENERAL HOSPITAL	CA Pharmacy 10.6MU	12/20/2016 2:26:27 PM	KING, KURTIS	Dramamine 25 mg chewable tablet
CHEN, REPRO	1/1/1980		GENERAL HOSPITAL	CA Pharmacy 10.6MU	12/20/2016 2:26:32 PM	KING, KURTIS	Lipitor 10 mg tablet
CHEN, REPRO	1/1/1980		GENERAL HOSPITAL	CA Pharmacy 10.6MU	12/20/2016 2:26:38 PM	KING, KURTIS	Lipitor 10 mg tablet
CHEN, REPRO	1/1/1980		GENERAL HOSPITAL	CA Pharmacy 10.6MU	12/20/2016 2:26:43 PM	KING, KURTIS	Lipitor 10 mg tablet
CHEN, REPRO	1/1/1980		GENERAL HOSPITAL	CA Pharmacy 10.6MU	12/20/2016 2:26:49 PM	KING, KURTIS	Lipitor 10 mg tablet

Figure 14: Renewals with no MRNs

Users can also select the new **eRx Renewal** button, located to the right of the current eRx button on the **Meds** tab of the patient chart. The **eRx Renewal** button opens eRx and takes the user to that patient's specific **eRx Renewal Request** page. The renewals displayed in eRx are limited to those assigned to the provider who is logged into CareVue. The original eRx button is still available and directs the user to the **Compose Rx** tab in eRx, as was the case with previous functionality.

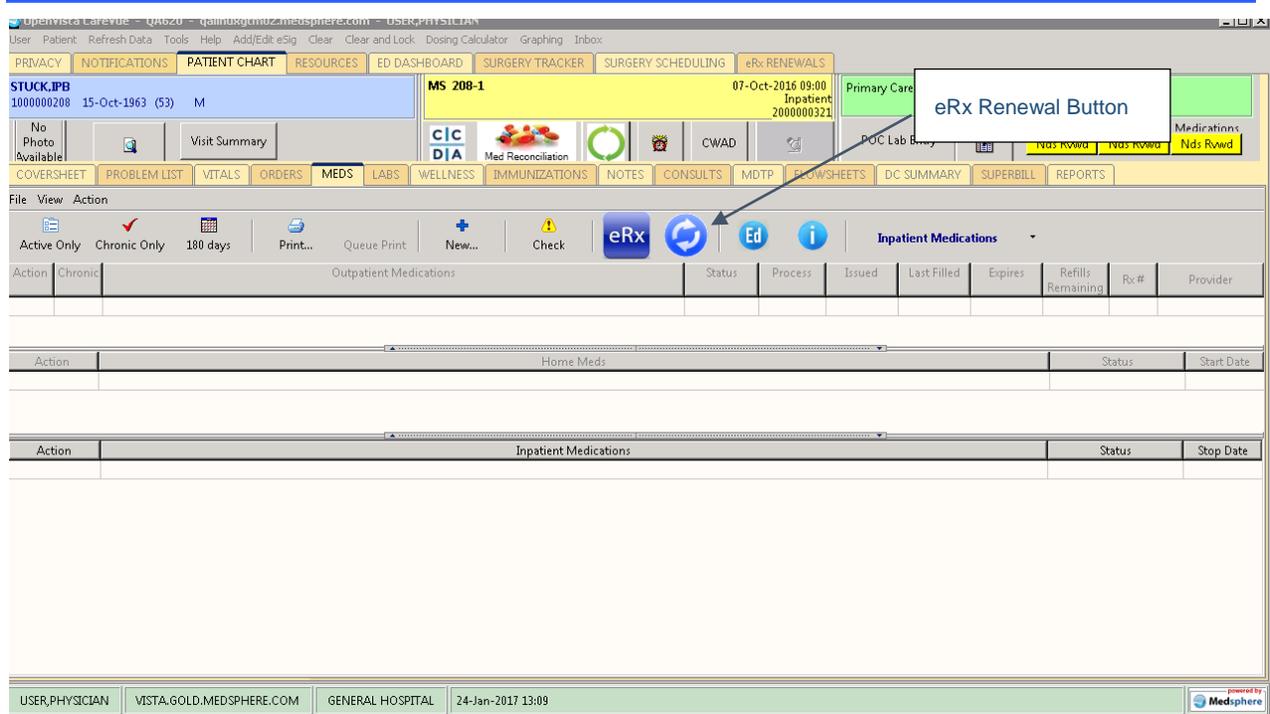


Figure 15: eRx renewal button

If there are no renewal requests for a patient and this button is selected, a warning displays for the user.

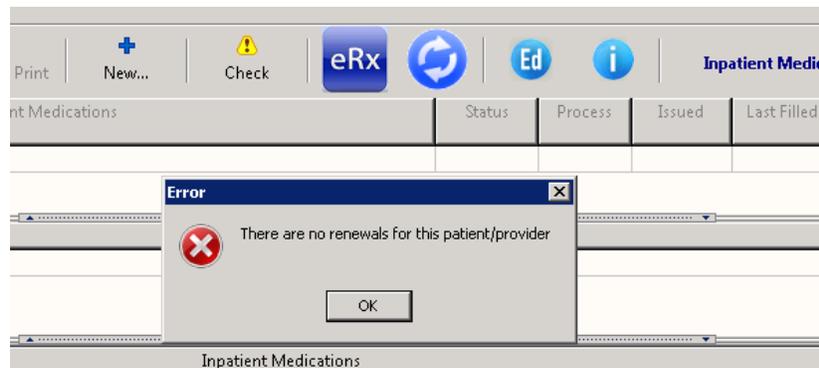


Figure 16: No renewal warning display

Required action: Test using your normal eRx Renewal Request workflow in your Prod environment.

Related artifact: 19955

Creating a physician notification on receipt of an eRx renewal request

When a renewal request is sent to a provider, currently that request populates the eRx **Renewals** tab in CareVue, requiring periodic physician checks. With this release (2016.2.1), the provider now also receives an eRx **Renewal Request** notification with the indication that it was sent by **Community, Pharmacy**. This notification is automatic for eRx renewals and does not require an XPAR to be set up.

When the notification is selected, all patient renewal information is gathered; eRx takes the physician to the patient chart and opens directly to the patient specific renewal queue. Once the renewal request is addressed in eRx, the notification clears and the request no longer appears on the eRx **Renewals** tab.

If a notification is forwarded from another provider, the forwarding provider's name appears in the notification text as **eRx Renewal Request** for (providers name). For notifications, the renewal request search is limited to notifications assigned to that provider for that patient.

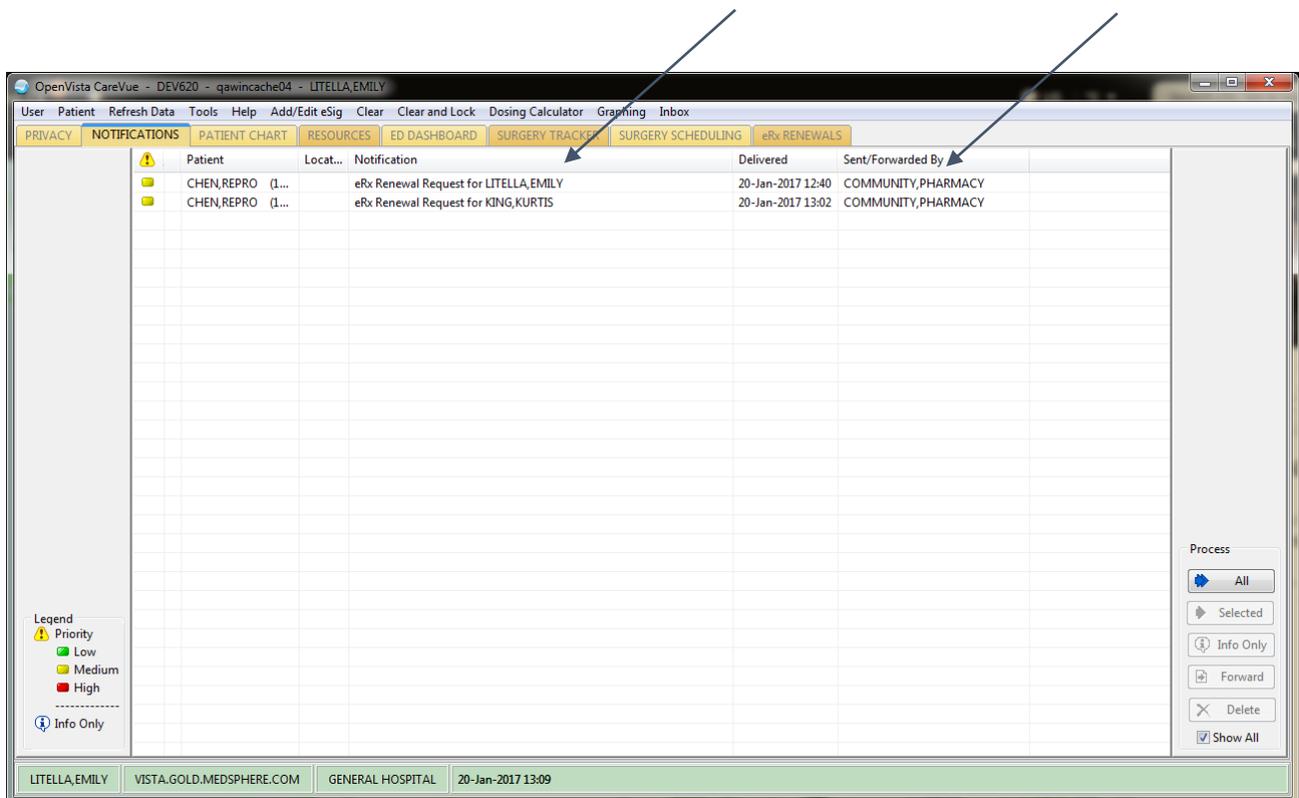


Figure 17: eRx Notification

Required action: In your PROD environment, test in your normal notifications workflow when receiving eRx renewals.

Related artifact: 19943

Discontinuing an eRx with CareVue

To facilitate the medication reconciliation process, users can now discontinue an eRx directly through CareVue without having to have access eRx.

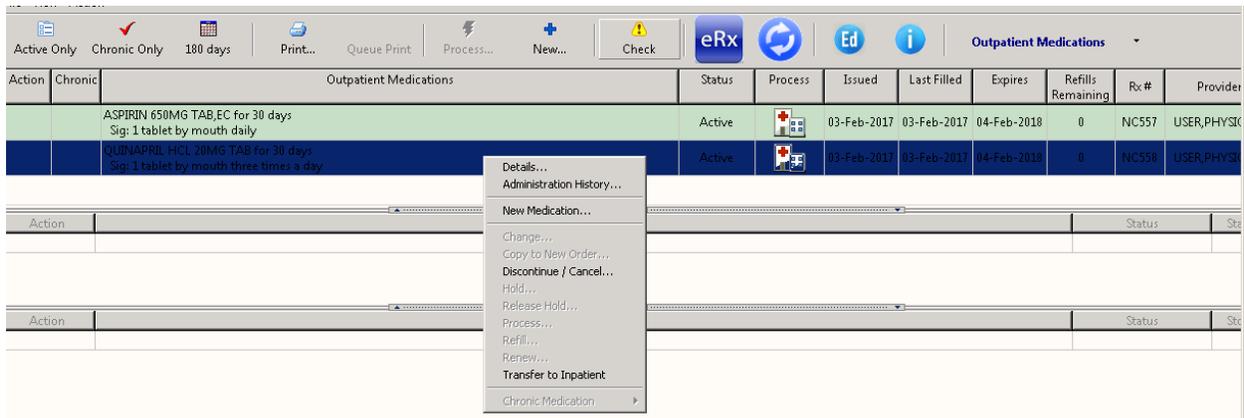


Figure 18: Discontinuation of an eRx through CareVue

Required action: Test in your PROD environment using your normal workflow when discontinuing outpatient medications, including eRx medications.

Related artifact: 20198

Accessing eRx for a patient with no visit prompts the encounter dialog

Previously, the eRx button would not function when no visit was selected for a patient; the user was not given any explanation or warning. With this release, if a visit is not selected when users click the eRx button, the CareVue encounter dialog appears, enabling the user to select a visit.

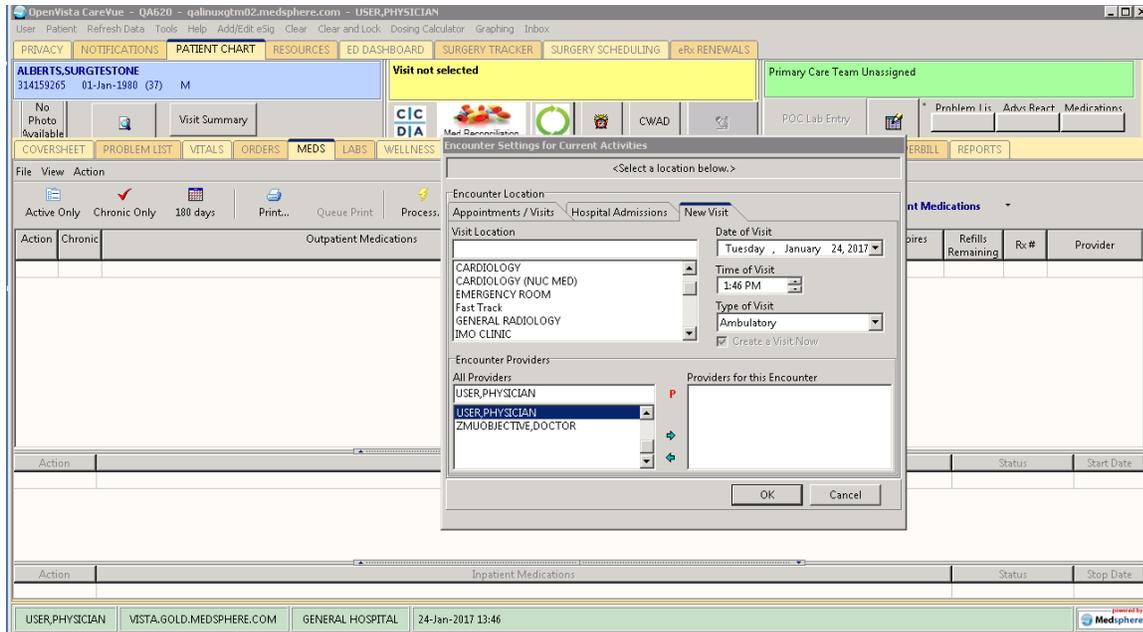


Figure 19: Encounter Dialog

Required action: Test in your PROD environment by accessing eRx for a patient where the visit encounter has not been selected.

Related artifact: 19728

Displaying more Pharmacy information in CareVue

When an electronic prescription (eRx) is electronically transmitted or faxed via CareVue's eRx functionality, the receiving pharmacy's name, address and phone number now displays in the order details. This information also displays on both the **Brief** or **Detailed Outpatient Medications** report generated by selecting the **Outpatient Medications** header and choosing **Print**. This enhancement gives nurse and patient access to the eRx receiving pharmacy information.

```

CAPTOPRIL TAB
1 tablet by mouth twice a day
Quantity: 60 Refills: 0

Activity:
11/11/2016 07:16 New Order entered by KING,KURTIS (PHYSICIAN)
  Order Text:      CAPTOPRIL TAB
                  1 tablet by mouth twice a day
                  Quantity: 60 Refills: 0
  Nature of Order: ELECTRONICALLY ENTERED
  Elec Signature:  KING,KURTIS (PHYSICIAN) on 11/11/2016 07:16
  Sent to:         CA Pharmacy 10.6MU CAMU Phone: 7075157071 65432 Cabernet Turn Sonoma
  
```

Figure 20: CareVue eRx order details

Medication	Prescriber	Status	Refills Left
CAPTOPRIL 100MG TAB for 30 days Sig: 1 tablet by mouth twice a day Sent to: CA Pharmacy 10.6MU CAMU Phone: 7075157071 65432 Cabernet Turn Sor	KING,KURTIS	Active	0

Figure 21: CareVue Outpatient Medications report

Required action: Test in your normal workflow when transmitting or faxing prescriptions using CareVue eRx functionality

Related artifact: 20098

Maintaining Outpatient Medications when exiting eRx

Pending/Unreleased Outpatient Medications are no longer canceled when entering or exiting eRx.

Required action: Test in your normal eRx workflow.

Related artifact: 20126

Release 2016.2.1 eRx Fixes

eRx orders not auto-discontinued on discharge

eRx orders no longer auto-discontinue when a patient is discharged.

Required action: Test in your normal e-prescribing and patient discharge workflows.

Related artifact: 19993

Order details accurate for eRx entered by nurse or mid-level provider

eRx orders entered by a nurse or mid-level provider class user now show accurate user information in the order details.

Required action: Test in your normal eRx workflows for nurse and mid-level provider classes. Verify that correct users show for **New Order entered by**, **Elec Signature**, **Ordered by**, and the new field **Supervising Physician**.

Related artifact: 20196

Order details accurate for eRx entered by nurse

eRx orders entered by a nurse user in the **eRx Med Entry** tab now show accurate user information in the order details.

Required action: Test in your normal eRx workflows for nurse and physician users. Enter meds in the **Med Entry** tab as a nurse, but do not move to **Current Meds** or transmit them--they should remain in **Pending Rx** section. Launch eRx as a physician and transmit the prescriptions. Verify that the correct users show in the order details for **New Order entered by**, **Elec Signature**, and **Ordered by**.

Related artifact: 20277

Admit, Discharge, Transfer (MAS) orders don't display in red for eRx orders in red

eRx orders that correctly display in red text on the **Meds** tab no longer cause Medical Administration Service (MAS) orders with a patient data object for outpatient meds to also show in red, making it impossible to discontinue the order.

Required action: Test in your normal eRx and MAS order workflows.

Suggested additional testing: Order an eRx prescription for a medication that cannot be matched to a drug in OpenVista. Verify that it shows in red in the **Meds** tab. Create an MAS order that includes an outpatient medication patient data object. Verify that it does not show in red and can be discontinued.

Related artifact: 20357