



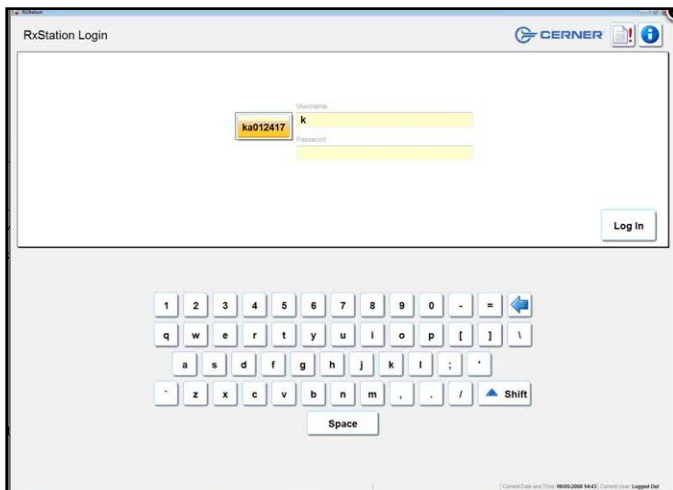
RxStation: Cerner's Medication Dispensing Cabinet

- **Getting started**

- Touch screen functionality (Screen is called an ELO).
- Keyboard and mouse can also be used.

- **Logging In**

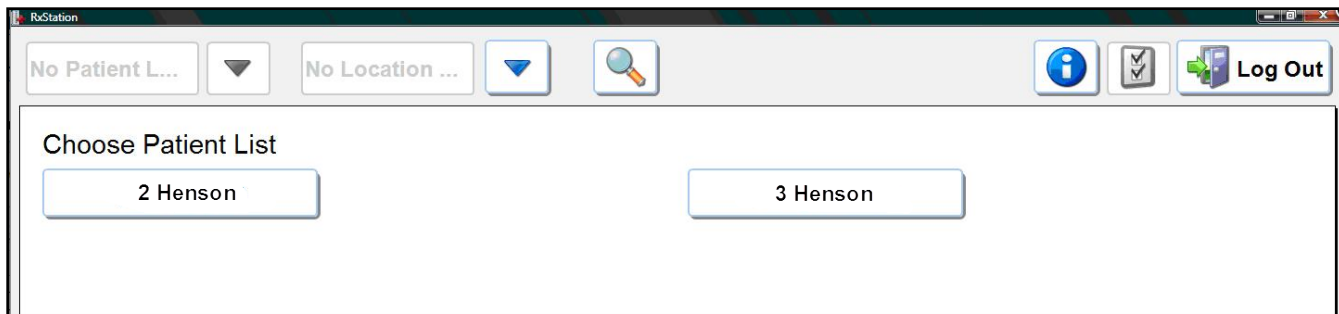
- Username and password are the same as your Cerner password.



Tip: After logging into a machine once it'll remember and pull up your username after a few letters are typed!

- **Selecting a Patient**

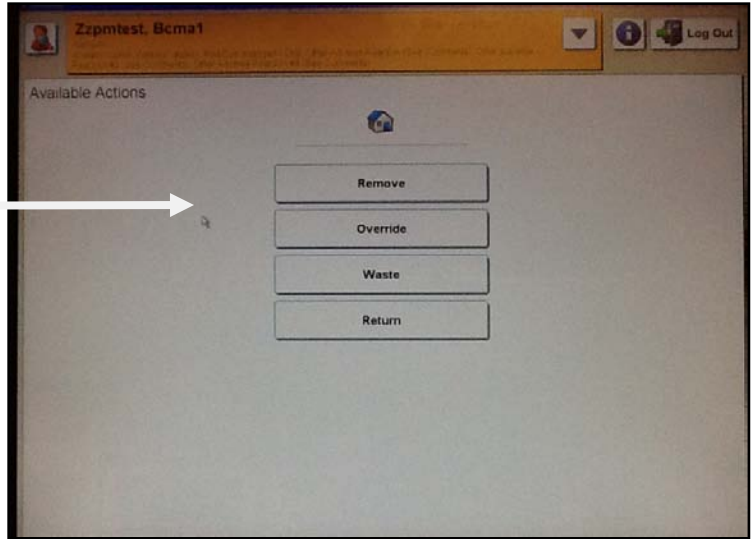
- Patient List – Pulls over any patient list that is set up, including personal lists.



- If no patient lists are set up the default is set to the unit the machine is on.

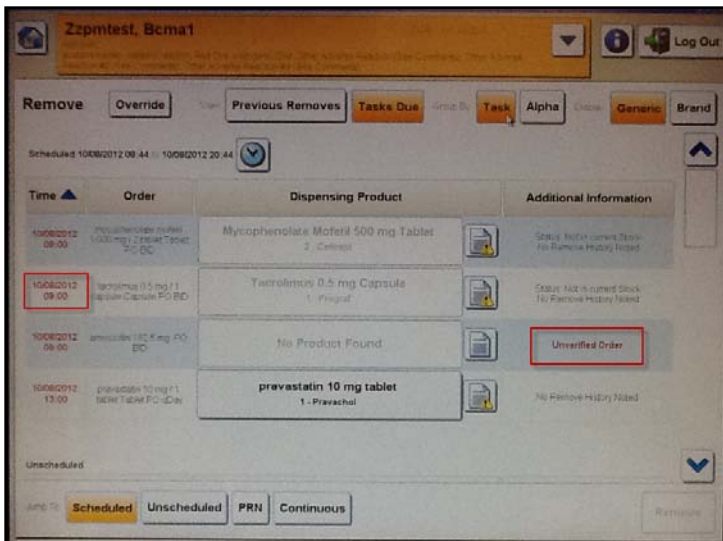
- Select the appropriate patient and action when prompted.

Patient	DOB	FIN	Med Service	Nurse Unit	Room/Bed
Zzprntest, Admitrules	08/07/2011	22814739	General Pediatrics	Test rpt Unit	71 A
Zzprntest, Anesthesia	08/14/1990	832378223	General Pediatrics	Test rpt Unit	81 A
Zzprntest, Baby girl	02/23/2012	328730782	General Pediatrics	Test rpt Unit	21 A
Zzprntest, Bcma1					
Zzprntest, Bcma3	08/14/2001	323720303	General Pediatrics	Test rpt Unit	71 A
Zzprntest, Bonemarrow Test	01/19/1999	330042456	General Pediatrics	Test rpt Unit	121 A
Zzprntest, Carenet	10/02/1992	250072901	General Pediatrics	Test rpt Unit	51 A
Zzprntest, Chem	10/15/2009	331410849	General Pediatrics	Test rpt Unit	91 A
Zzprntest, Empi	10/01/1993	332167055	General Pediatrics	Test rpt Unit	131 A
Zzprntest, Moose Percy	02/04/2004	323942268	General Pediatrics	Test rpt Unit	10A/11A
Zzprntest, Mrp	03/01/2001	330498530	General Pediatrics	Test rpt Unit	61 A
Zzprntest, Otbilling Outpt	11/22/2006	331516401	General Pediatrics	Test rpt Unit	41 A



- Remove

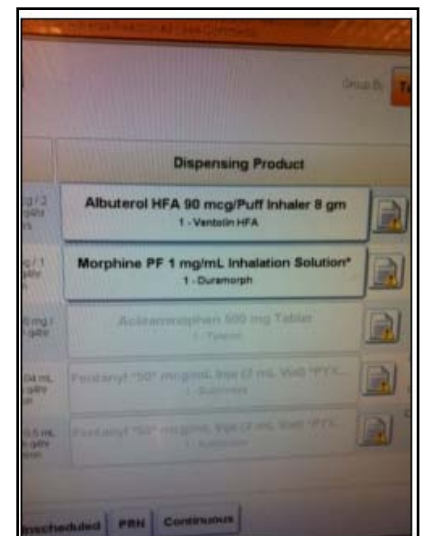
- RxStation looks at a rolling 4 hours forward and 6 hours back for a medication task; overdue medications display red in the time column. **Medications cannot be removed if there is no task available at the appropriate time or if they haven't been verified.**



Sorting by task will have a similar look and layout (scheduled, unscheduled, PRN, & continuous) as the MAR/MAW. Alpha sorting will display in alphabetical order.

Medications are available under generic or brand name.

- The RT position will only be able to remove medications labeled as inhaled. Other medications will show but will be dithered.



- Click on Remove once medications have been selected.

- RxStation guides removal of medications through lights.
 - Tower will light up, followed by cabinet or drawer, and then pocket.



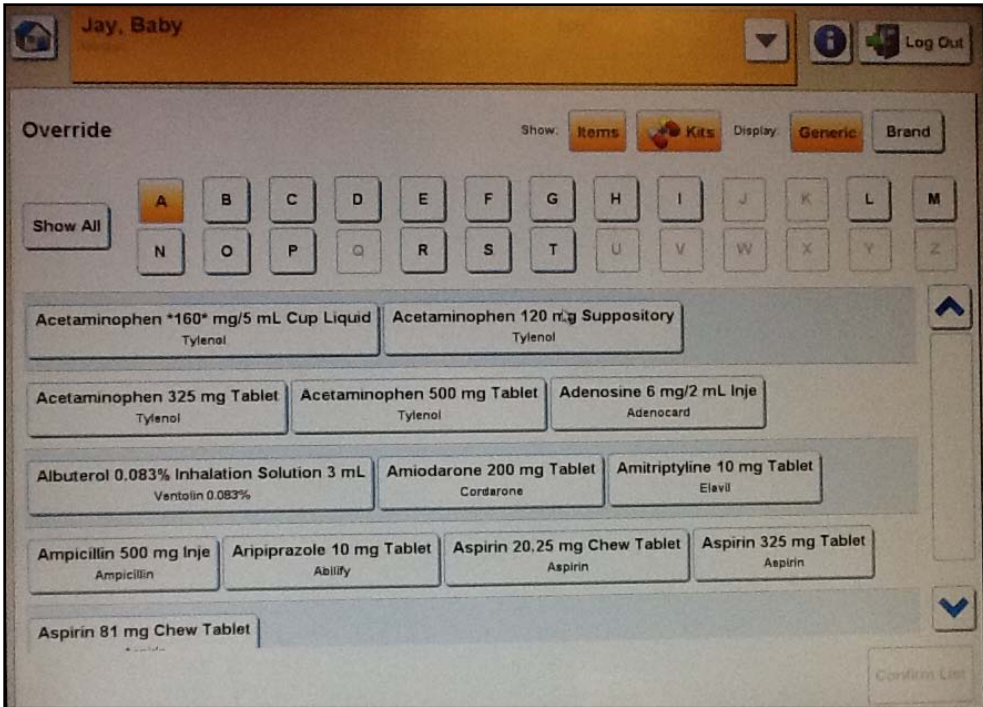
- Closing pockets & drawers
 - Prior to closing a cabinet the green light on right side of drawer must be pushed.



- Prior to closing a drawer the pocket must be fully opened then closed.

- **Override**

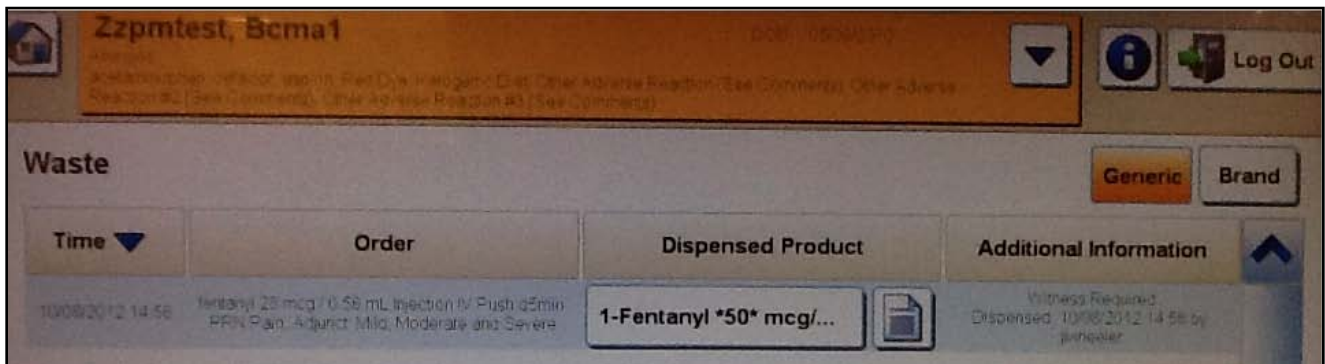
- Upon selecting override from your available actions, the medications available to override display alphabetically. Override is also accessible from the remove screen.



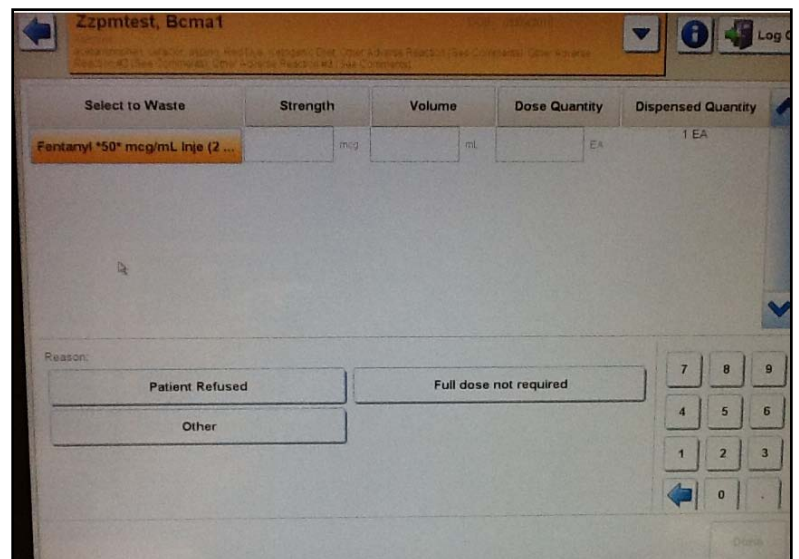
The override list is based on unit and user privileges.

- **Waste** – Continue current practice, either document waste in Rx Station or on the MAR/MAW.

- Wasting after medication removed
 - Upon selecting waste from your available actions, a list of medications available medications appears; select the appropriate medication to waste.

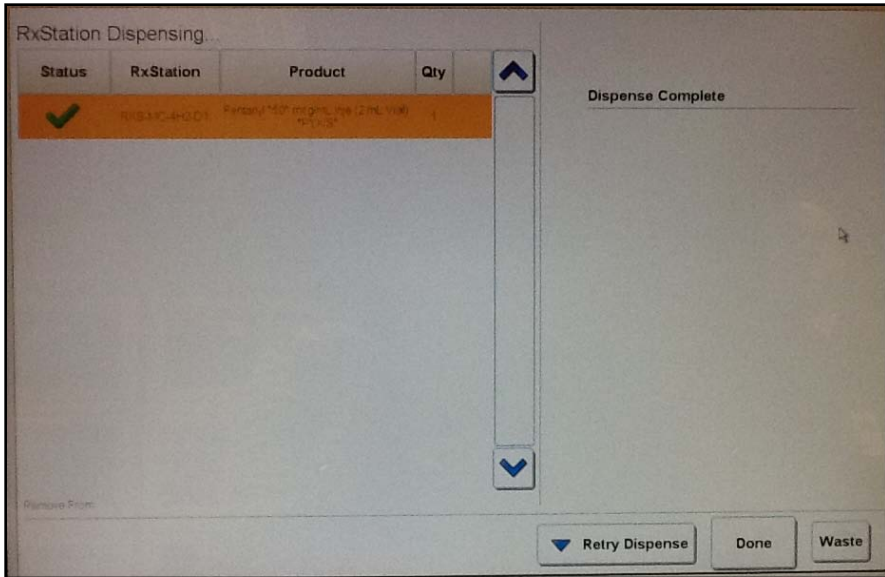


- Enter amount wasted and reason.
- The system will ask for a witness username and password.



Witness' User Name	Witness' Password
<input type="text"/>	<input type="password"/>

- Wasting during removal of medication



Prior to selecting done after removing medication from drawer/cabinet, select waste if full dose won't be given.

Same steps as above will be to complete waste documentation.

RT – This is the process to follow when wasting inhaled morphine.

- Return

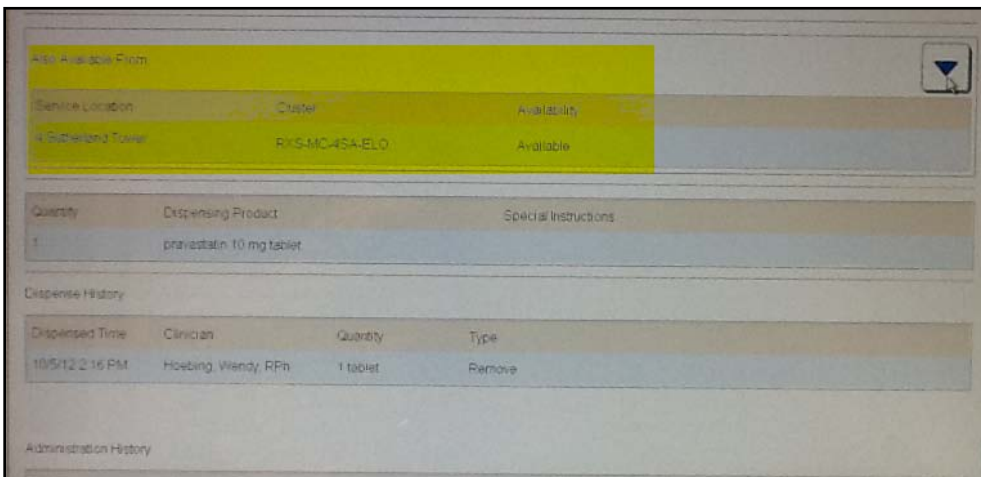
- Upon selecting return from your available actions, the medications available to return display alphabetically. RxStation will guide you through the return process. The return bin is located in the bottom drawer of RxStation.



- Order Details

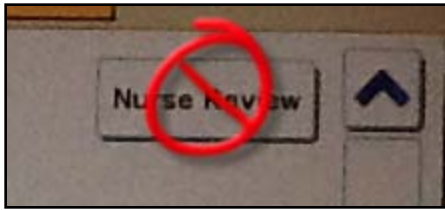


- Alternate Locations



If a medication isn't available in one RxStation order details will say where medication is also available.

- Nurse Review – If nurse review appears on the order details screen don't review medications from here. Continue to review orders from PAL or orders screen.



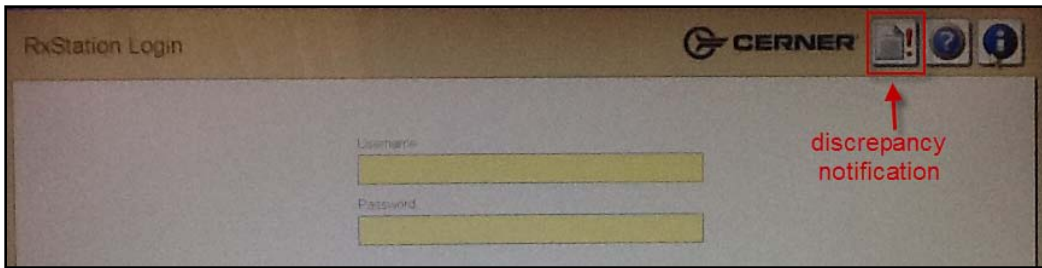
- **Clinical Results**

- RxStation has the ability to display lab results; lab results can be found by clicking the down arrow on the banner bar.



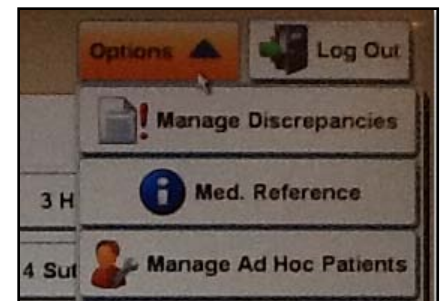
- **Discrepancies**

- Charge Nurses will continue to check the machine as they currently do.



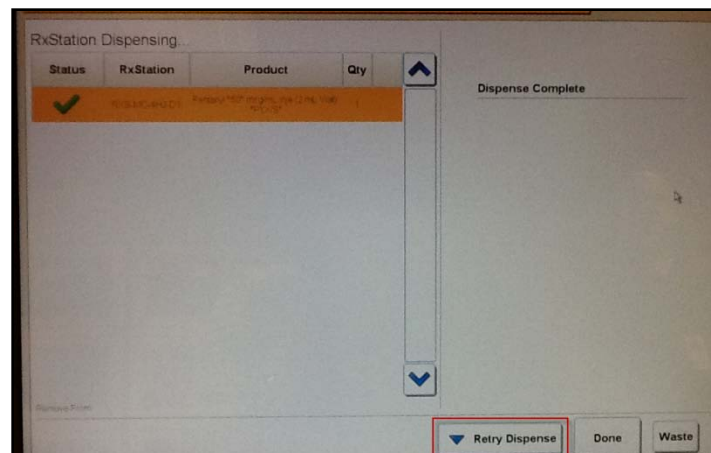
If no icon the Charge Nurse or designee only has to sign the log.

- If there is a discrepancy
 - Log into Rx Station.
 - From options drop down, select Manage Discrepancies.
 - Rx Station will guide the user through discrepancy management.
 - A witness will be needed if counting a narcotic.



- **Troubleshooting**

- What if I don't take out enough?
 - Prior to selecting done on the dispense screen, select retry dispense. This will allow you to remove the entire dose if only a partial dose was removed. Once complete select done.

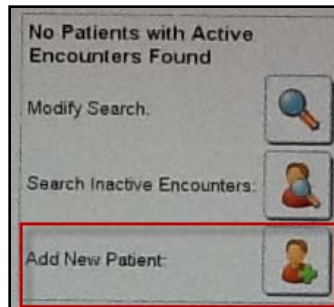


- What if my patient hasn't been transferred or entered into the system, can I remove a medication for them?
 - Yes!
 - Not transferred in the system.
 - Select magnifying glass, enter patient detail. Be sure to select correct patient encounter.

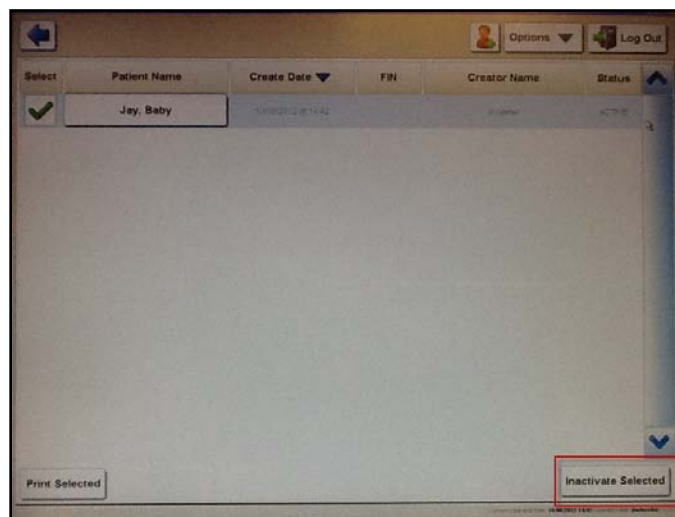
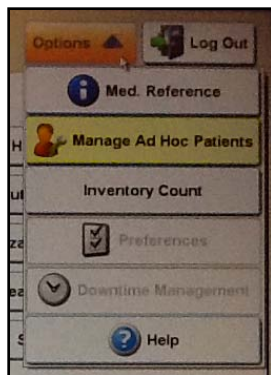


 A screenshot of the search form. It has fields for 'Last Name', 'First Name', 'Middle Initial', and 'FIN Number'. Below these are 'Gender' buttons for 'Male' and 'Female', and a 'Date of Birth' field with a 'mm/dd/yyyy' format. There is a 'Show Inactive Encounters' checkbox and a 'Search' button.

- Not entered in the system.
 - If no patient is found when searching, Rx Station will prompt to add new patient.



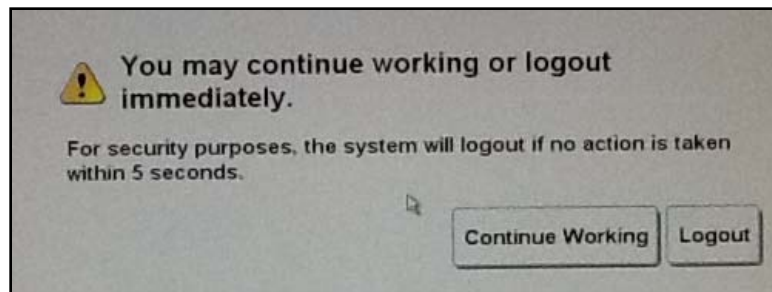
- Once a patient is added, medications available on override can be removed.
- After the patient has been entered into the system by admissions, select Manage Ad Hoc Patients from options drop down. Check the appropriate patient and select Inactivate Selected.



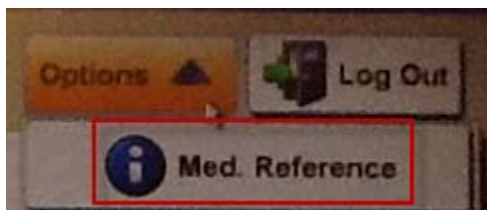
- What will the location on my MAR now say?
 - RXS-MC-(location)
 - 4 Sutherland Pod A = RXS-MC-4SA
- What will I do during downtime?
 - RxStation will convert to downtime and all medications will become available. The screen will become black to identify it's in downtime.



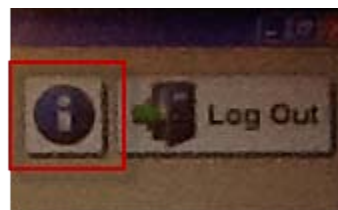
- How long can I stay logged into RxStation?
 - Alert will pop up if no activity in 60 seconds; will start a 10 second countdown to allow user to continue session.



- Can I reference Lexicomp?
 - Yes.



or



- How do I remove a code cart lock?
 - Under any patient select override.
 - The lock will be under the title: Locks for code cart.
 - No charges will be added to the patient.
- How do I remove/return PCA Keys?
 - Under the patient remove Keys – PCA
 - Process for returning keys is still being built.

- What if I pick the wrong task on the RX Station for removal?

What MAR & RxStation will look like prior to documentation:

Medications	10/19/2012 21:00 CDT	10/19/2012 17:00 CDT	10/19/2012 13:00 CDT	10/19/2012 9:00 CDT
Scheduled				
acetaminophen 10/19/12 9:00:00 CDT, Med Drawer (Carousel), Routine, 350 mg = 10.94 mL, PO, q4hr Maximum Dose 1000 mg	350 mg	350 mg	350 mg	350 mg
acetaminophen				

MAR View

Remove Override View: Previous Removes Tasks Due Group By: Task Alpha Display: Generic Brand

Scheduled 10/19/2012 04:58 to 10/19/2012 14:58

Time	Order	Dispensing Product	Additional Information
10/19/2012 09:00	10/19/12 9:00:00 CDT, 350 mg, PO	Acetaminophen *160* mg/5 mL Cup Liquid 3 - Tylenol	Order Modified No Remove History Noted
10/19/2012 13:00	acetaminophen 350 mg / 10.94 mL Liq PO q4hr	Acetaminophen *160* mg/5 mL Cup Liquid 3 - Tylenol	No Remove History Noted Future Dose

RxStation View

Situation: Clicked on 1300 task on Rx Station to remove med; Used 0900 on MAR/MAW to document administration (removes the 0900 task from Rx Station)

18 October 2012 10:55 CDT - 20 October 2012 10:55 CDT (Clinical Range)				
Medications	10/19/2012 21:00 CDT	10/19/2012 17:00 CDT	10/19/2012 13:00 CDT	10/19/2012 9:00 CDT
Scheduled				
acetaminophen 10/19/12 9:00:00 CDT, Med Drawer (Carousel), Routine, 350 mg = 10.94 mL, PO, q4hr Maximum Dose 1000 mg	350 mg	350 mg	350 mg	
acetaminophen				350 mg PO

MAR View

RxStation View

Remove Override View: Previous Removes Tasks Due Group By: Task Alpha Display: Generic Brand

Scheduled 10/19/2012 05:13 to 10/19/2012 15:13

Time	Order	Dispensing Product	Additional Information
10/19/2012 13:00	acetaminophen 350 mg / 10.94 mL Liq PO q4hr	Acetaminophen *160* mg/5 mL Cup Liquid 3 - Tylenol	Last Removed at 10/19/2012 11:04, by JLWHEELER

If a future task was used to remove a medication and the task is still on the MAR, the task can be found under previous removes.

Remove Override View: Previous Removes Tasks Due Group By: Task Alpha Display: Generic Brand

Scheduled 10/19/2012 05:13 to 10/19/2012 15:13

Time	Order	Dispensing Product	Additional Information
10/19/2012 13:00	acetaminophen 350 mg / 10.94 mL Liq PO q4hr	Acetaminophen *160* mg/5 mL Cup Liquid 3 - Tylenol	Last Removed at 10/19/2012 11:04, by JLWHEELER

MVP (Most Valuable Point):

Medications cannot be removed if there is no task available at the appropriate time or if they haven't been verified.

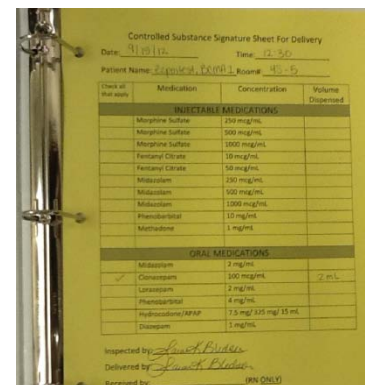
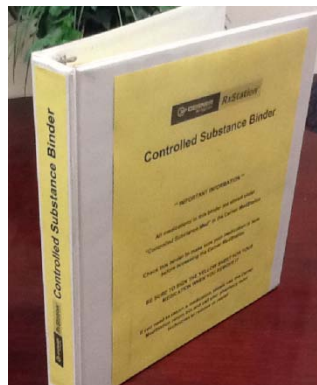
Patient Specific Controlled Substance Medication Procedures

With the implementation of RxStation we will trial a new method for storing patient specific controlled substances on the nursing unit. Most controlled substances will be loaded and dispensed directly from RxStation. Occasionally pharmacy will need to prepare a controlled substance for an individual patient.

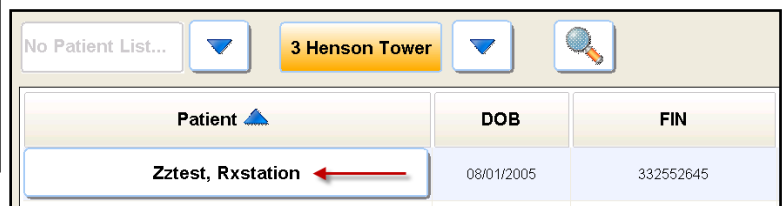
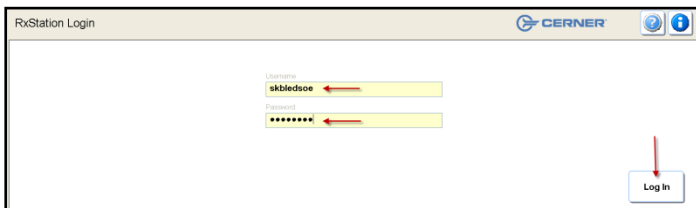
Currently, these patient specific controlled substances are delivered directly to nurses with a yellow delivery sheet. At this point it is up to the nurse to either immediately administer the medication or store it in a locked narcotic box in the medication room.

The new method will allow pharmacy to deliver the patient specific controlled substances directly to a generic drawer in RxStation. Nurses will now go to the RxStation whenever they need to administer the controlled substance. Eventually we'll eliminate the need for the narcotic lock boxes in the medication rooms.

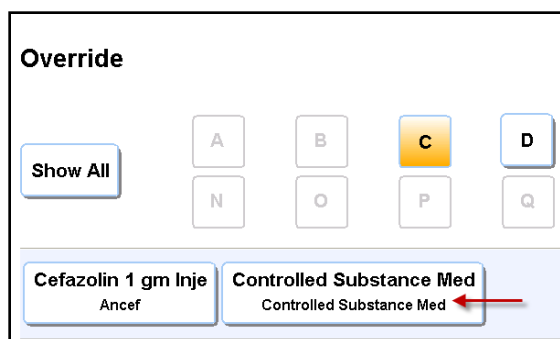
1. Review the Controlled Substance Binder located next to the Cerner RxStation to ensure medication is available in the RxStation.



2. Log on & select patient



3. Select Override



4. Select Controlled Substance Med

5. Enter quantity of doses to remove. If removing 1 syringe or dose, enter 1, select other for the reason and remove to open the compartment.

Override Medication
Controlled Substance Med
Controlled Substance Med

Quantity EA ← Enter the quantity of doses (1 dose = 1)

Dose

Volume EA

Special Instructions

Reason

Device Emergent/Urgent Situation

Provider Present Med not on profile

Other ←

Add to List Remove

6. Find patient's medication, there may be several medications for different patients in the bin so be sure to verify it is the correct medication before removing the medication.



7. Sign the yellow delivery sheet in the "Controlled Substance Binder"



- Pharmacy staff will monitor these medications. If the wrong medication is removed return it to the RxStation return bin. Notify the team technician so they can reload the medication in the RxStation for later use.

Remove

Override

Waste

Return ←

Return

Time	Order	Dispensed Product	Additional Information
10/12/2012 12:51	Misc RX Supply "see chart" Liq Other-(see comments) 1 time only	1-Controlled Substance Med ←	Dispensed: 10/12/2012 12:51 by Bledsoe, Sarah K. PharmD.

Return