

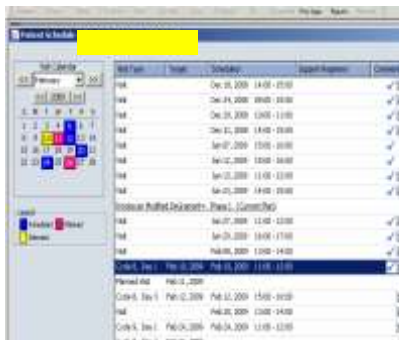
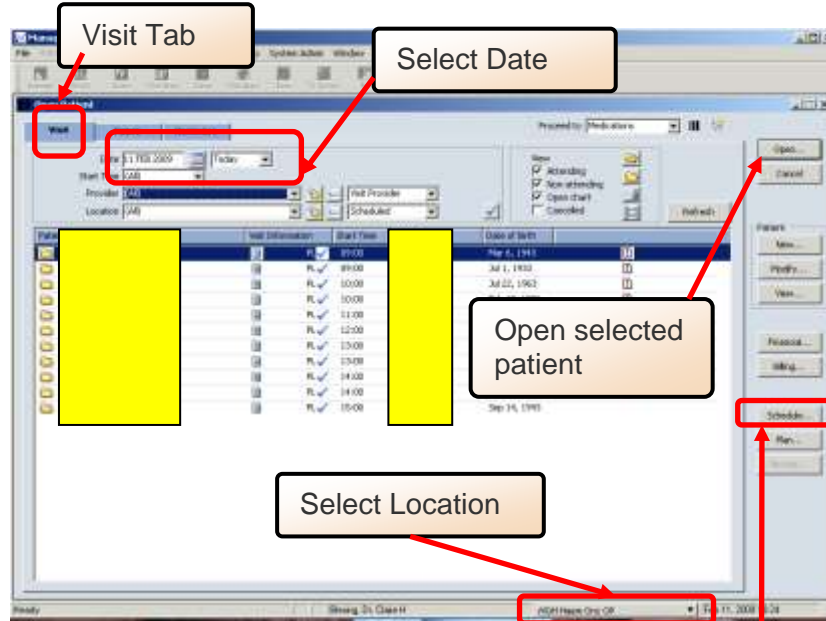
Aria e-prescribing A13 guide

Pharmacy Approval and Dispensing

Viewing patients by clinic list

To select treatment cycles requiring pharmacist approval. Select patients who have been **scheduled in** to receive chemotherapy by date from the visit tab. Select correct clinic location if appropriate.

NB oral chemo that has not been scheduled will not show in a clinic list.

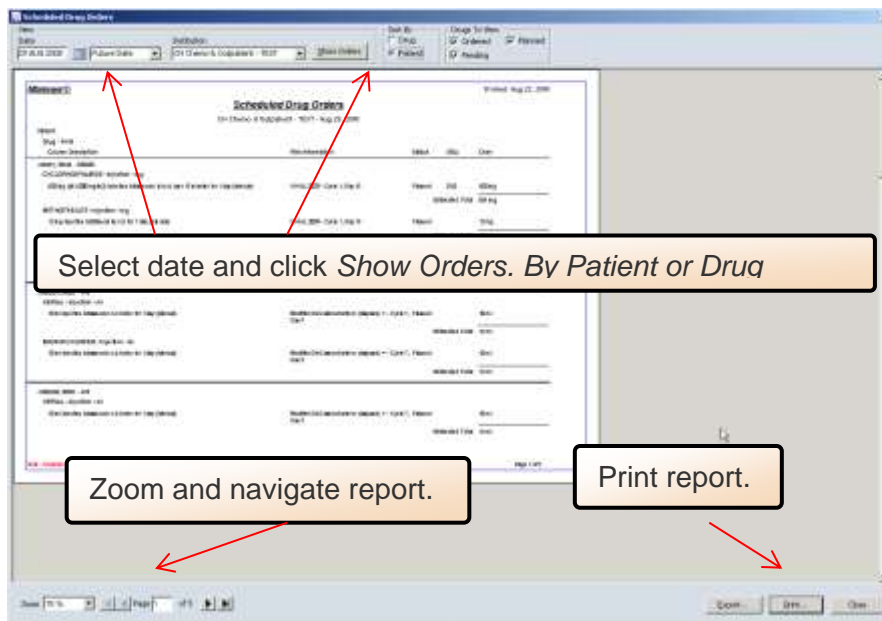
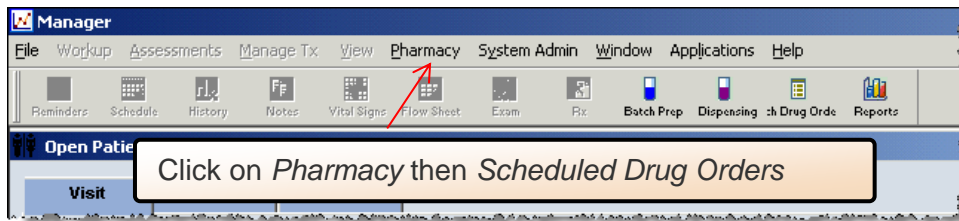


Highlight selected patient and open *schedule* box to check that patient has been **scheduled** into the chemo suite / ward.

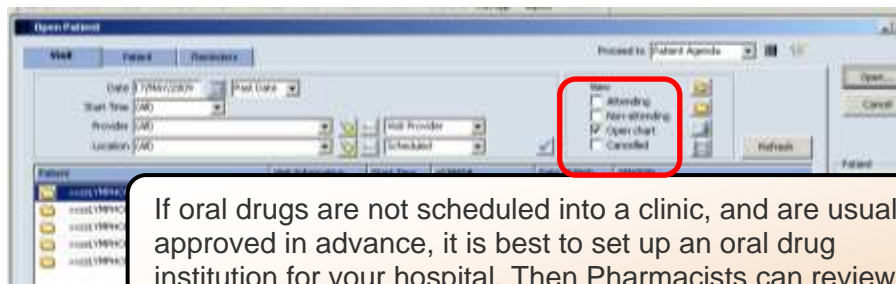
If the patient hasn't been scheduled yet (ie target date only) then the **scheduler** can defer the start date until **after** clinician and pharmacist approval steps.

However best to delay pharmacy checks until after the patient has been scheduled, where drugs are pre-ordered.

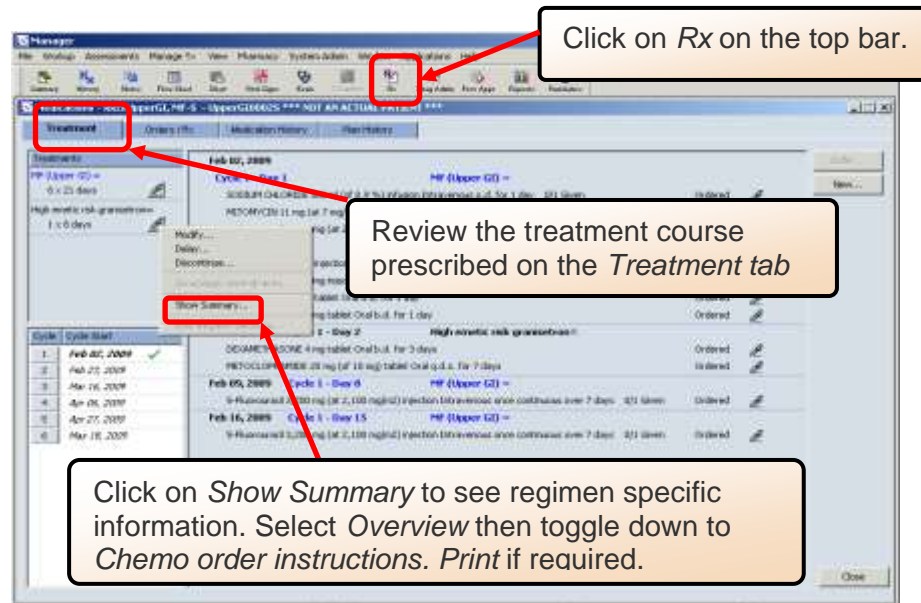
Viewing future scheduled scripts



Unscheduled orders (eg oral drugs)



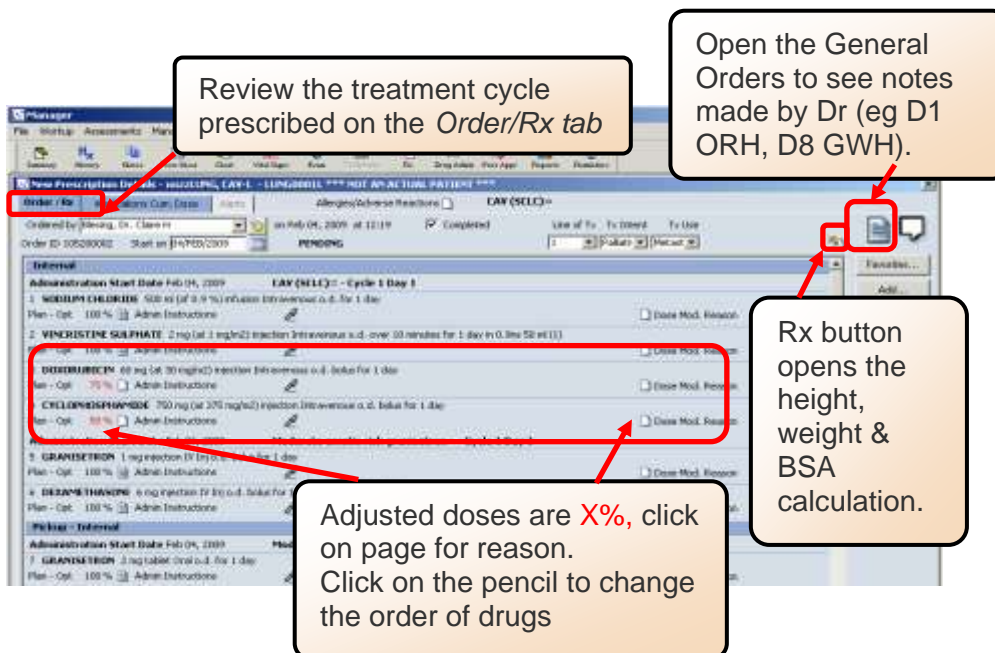
Reviewing the prescription



Click on Rx on the top bar.

Review the treatment course prescribed on the *Treatment* tab

Click on *Show Summary* to see regimen specific information. Select *Overview* then toggle down to *Chemo order instructions*. *Print* if required.



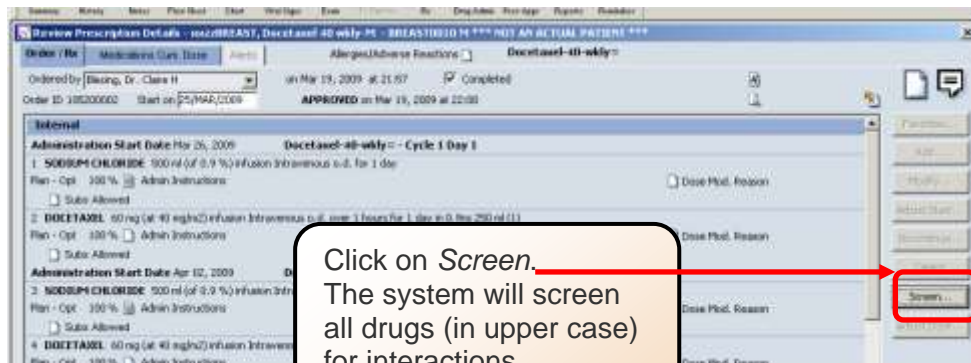
Review the treatment cycle prescribed on the *Order/Rx* tab

Open the General Orders to see notes made by Dr (eg D1 ORH, D8 GWH).

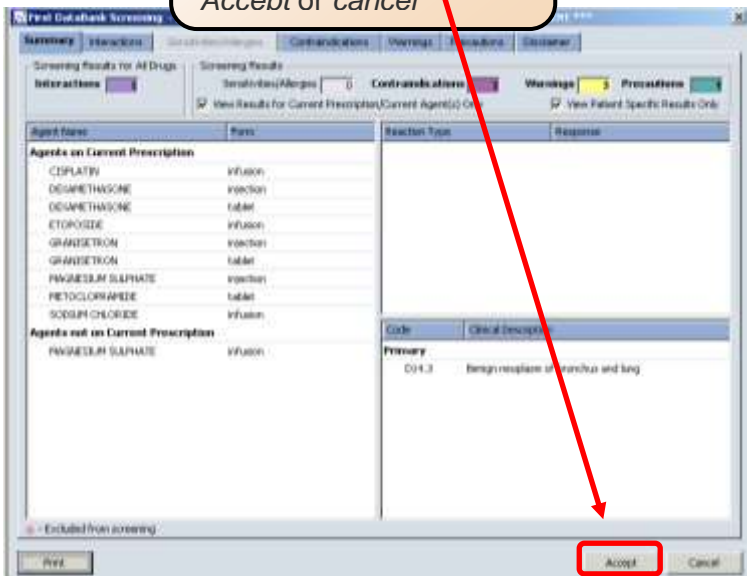
Rx button opens the height, weight & BSA calculation.

Adjusted doses are X%, click on page for reason. Click on the pencil to change the order of drugs

Screen for interactions etc



Click on **Screen**.
The system will screen all drugs (in upper case) for interactions, contraindications, warnings. It can take a few seconds to do this. *Accept or cancel*



Prescription Screening

Screening Results for All Drugs

Interactions: 0, Contraindications: 0, Warnings: 0, Precautions: 0

View Results for Current Prescription/Current Agent(s) Only

Agent Name	Form	Reaction Type	Response
Agents on Current Prescription			
CISPLATIN	infusion		
DOXORUBIN	injection		
DOXORUBIN	tablet		
ETOPOSIDE	injection		
GRANISETRON	injection		
GRANISETRON	tablet		
PANCREATIN	injection		
PANCREATIN	tablet		
SODIUM CHLORIDE	injection		
Agents not on Current Prescription			
PANCREATIN	injection		

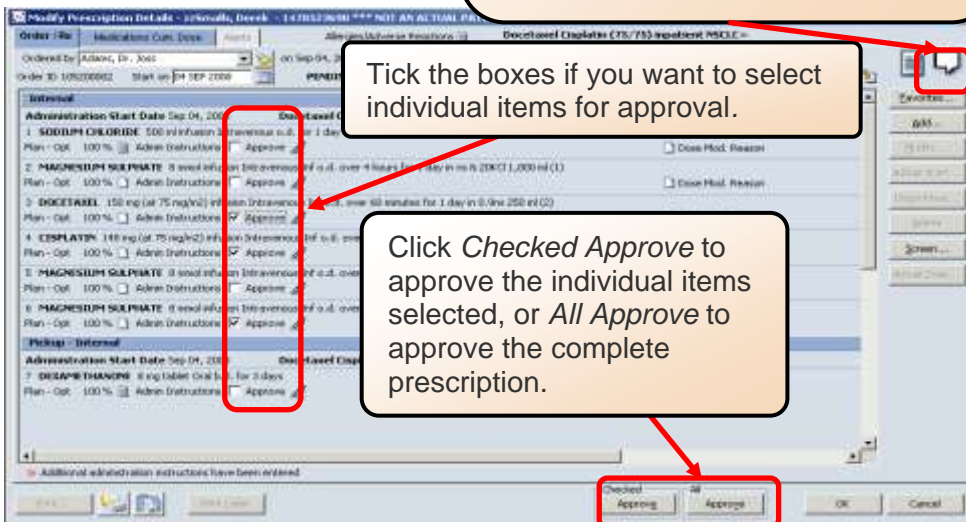
Code: D04.3
Clinical Description: Bismuth replacement of stomach and lung

Accept Cancel

Make any changes that are required.

Re-Approval (Dr approval step) after any pharmacist changes

Pharmacists: click Speech Box – activate approve. Choose “Written approval on file” to confirm that you have discussed with clinician and give reason for changes. Click the top right X of the box and save changes when prompted. (Note: Choosing save on the bottom bar of the speech box does not allow any changes to be saved in a way that will allow the pharmacist to approve the cycle; it will need to be approved by the Dr first).



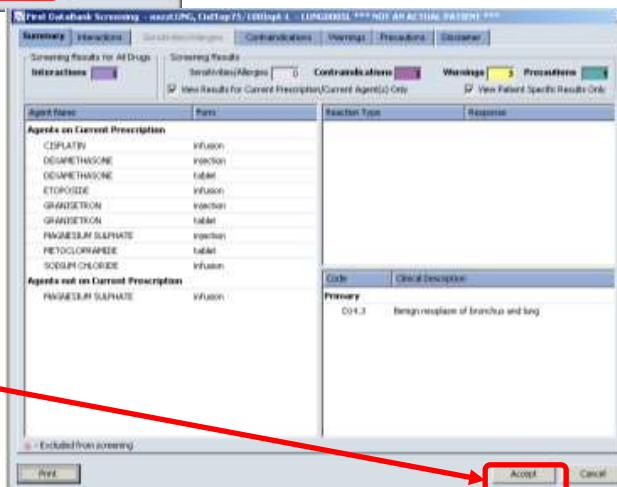
Tick the boxes if you want to select individual items for approval.

Click *Checked Approve* to approve the individual items selected, or *All Approve* to approve the complete prescription.

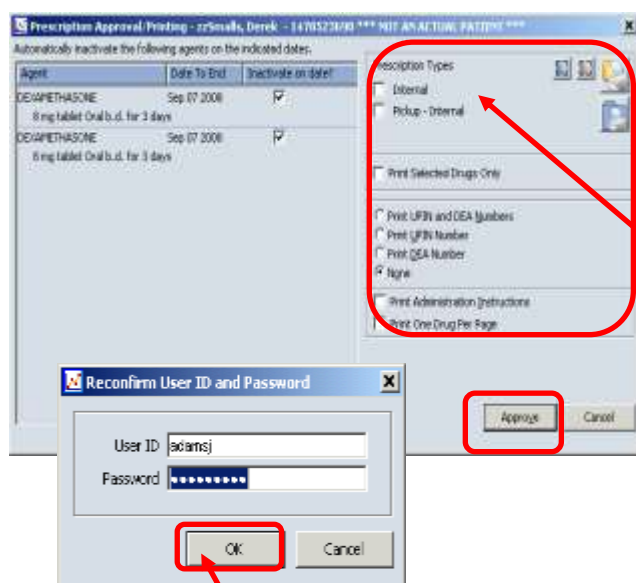


Click Yes.

The system will screen all drugs (in upper case) for interactions, contraindications, warnings. It can take a few seconds to do this. *Accept or cancel*



Accept

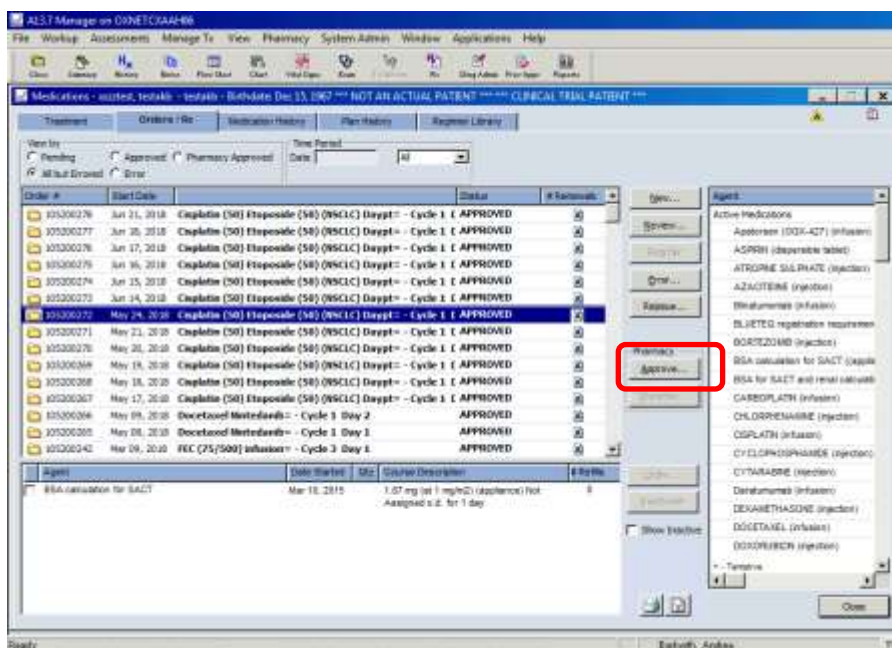


Click on Internal (IV drugs) or Pickup internal (oral drugs) **only** if your trust has agreed that this script will be **printed** at this stage. (Unlikely, but may be printed to pharmacy) Better to print a report.

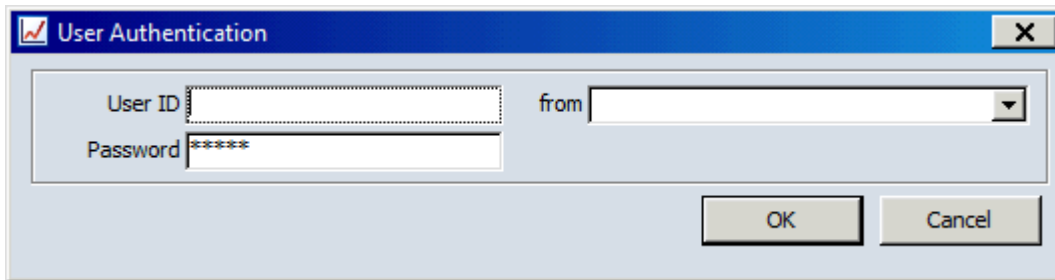
Enter your *User ID* and *Password* and click OK – this is your ‘signature’ as authority to approve.

Once the prescription is finalised the pharmacist screening the prescription needs to mark the prescription on Aria as pharmacy approved.

In the orders Rx tab highlight the prescription to approve and click on pharmacy approve.

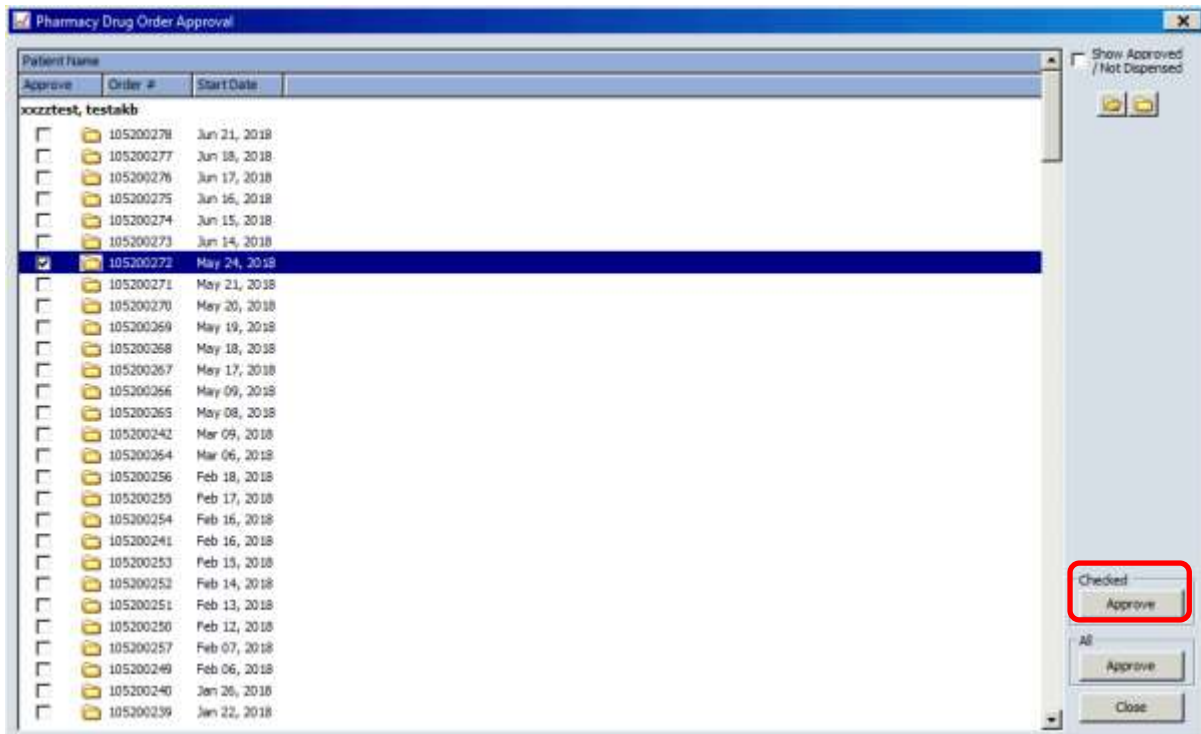


Enter your user authentication



A dialog box titled "User Authentication" with a close button (X) in the top right corner. It contains two input fields: "User ID" and "Password". The "Password" field is masked with asterisks (*****). To the right of the "User ID" field is a dropdown menu labeled "from". At the bottom right are "OK" and "Cancel" buttons.

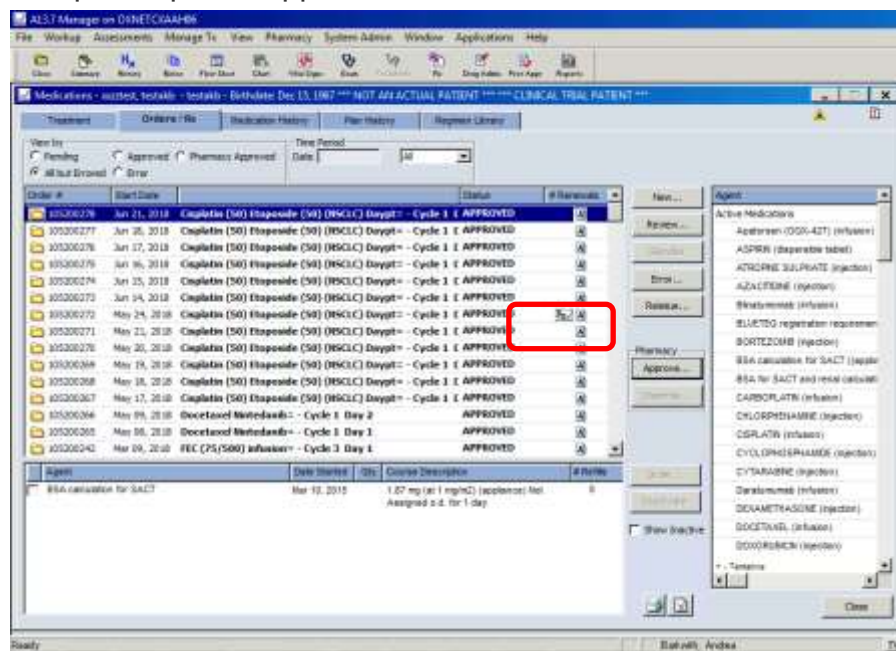
Tick the prescription numbers you wish to approve (you can approve more than one at a time), and then click Checked approve.



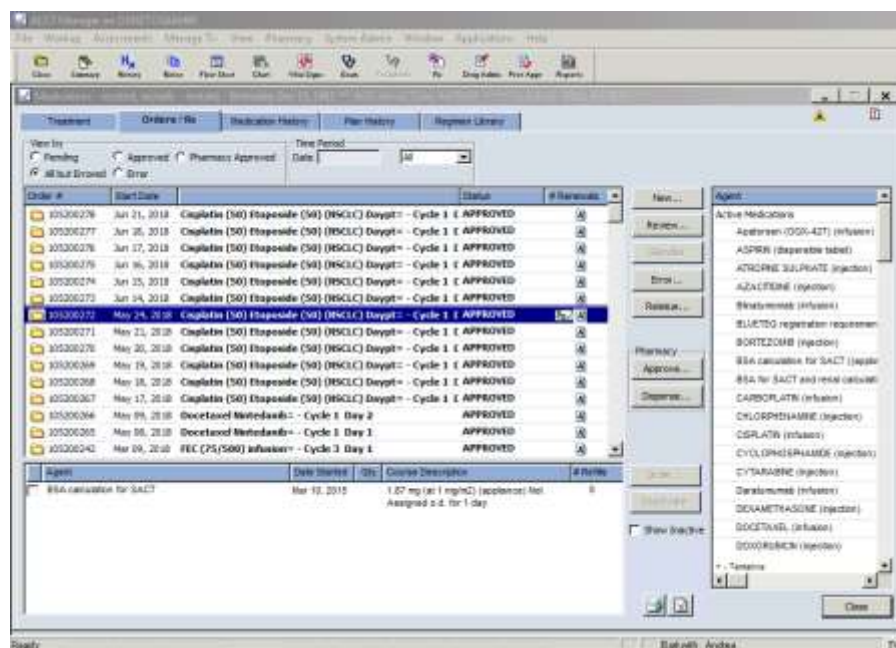
A window titled "Pharmacy Drug Order Approval" with a close button (X) in the top right corner. It features a table with columns: "Patient Name", "Approve", "Order #", and "Start Date". The "Patient Name" column shows "xxxxtest, testakb". The table lists various prescriptions with checkboxes in the "Approve" column. One row, with Order # 105200272 and Start Date May 24, 2018, is highlighted. On the right side, there is a "Show Approved / Not Dispensed" checkbox and two icons. At the bottom right, there are three buttons: "Checked Approve" (highlighted with a red rectangle), "All Approve", and "Close".

Patient Name	Approve	Order #	Start Date
xxxxtest, testakb	<input type="checkbox"/>	105200278	Jun 21, 2018
	<input type="checkbox"/>	105200277	Jun 18, 2018
	<input type="checkbox"/>	105200276	Jun 17, 2018
	<input type="checkbox"/>	105200275	Jun 16, 2018
	<input type="checkbox"/>	105200274	Jun 15, 2018
	<input type="checkbox"/>	105200273	Jun 14, 2018
	<input checked="" type="checkbox"/>	105200272	May 24, 2018
	<input type="checkbox"/>	105200271	May 21, 2018
	<input type="checkbox"/>	105200270	May 20, 2018
	<input type="checkbox"/>	105200269	May 19, 2018
	<input type="checkbox"/>	105200268	May 18, 2018
	<input type="checkbox"/>	105200267	May 17, 2018
	<input type="checkbox"/>	105200266	May 09, 2018
	<input type="checkbox"/>	105200265	May 08, 2018
	<input type="checkbox"/>	105200242	Mar 09, 2018
	<input type="checkbox"/>	105200264	Mar 06, 2018
	<input type="checkbox"/>	105200256	Feb 18, 2018
	<input type="checkbox"/>	105200255	Feb 17, 2018
	<input type="checkbox"/>	105200254	Feb 16, 2018
	<input type="checkbox"/>	105200241	Feb 16, 2018
<input type="checkbox"/>	105200253	Feb 15, 2018	
<input type="checkbox"/>	105200252	Feb 14, 2018	
<input type="checkbox"/>	105200251	Feb 13, 2018	
<input type="checkbox"/>	105200250	Feb 12, 2018	
<input type="checkbox"/>	105200257	Feb 07, 2018	
<input type="checkbox"/>	105200249	Feb 06, 2018	
<input type="checkbox"/>	105200240	Jan 26, 2018	
<input type="checkbox"/>	105200239	Jan 22, 2018	

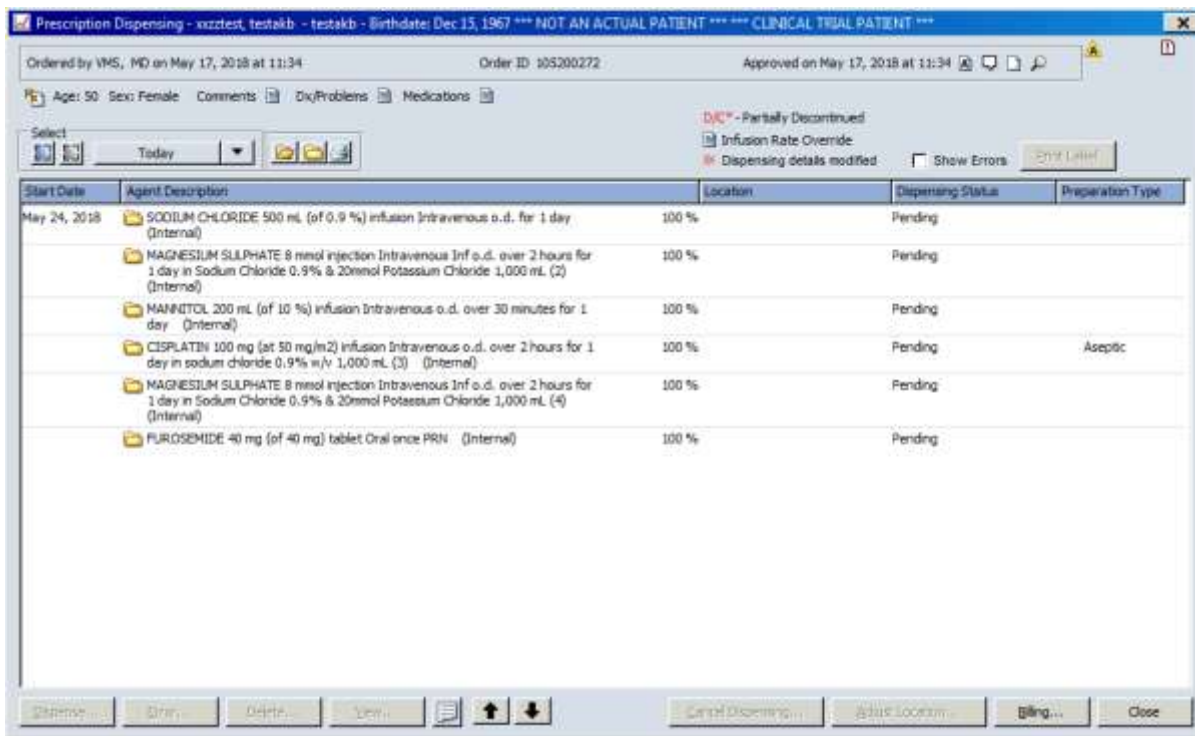
The prescriptions approved will now have the Rx icon beside it.



When the prescription is highlighted in the orders Rx tab the dispense button is now available

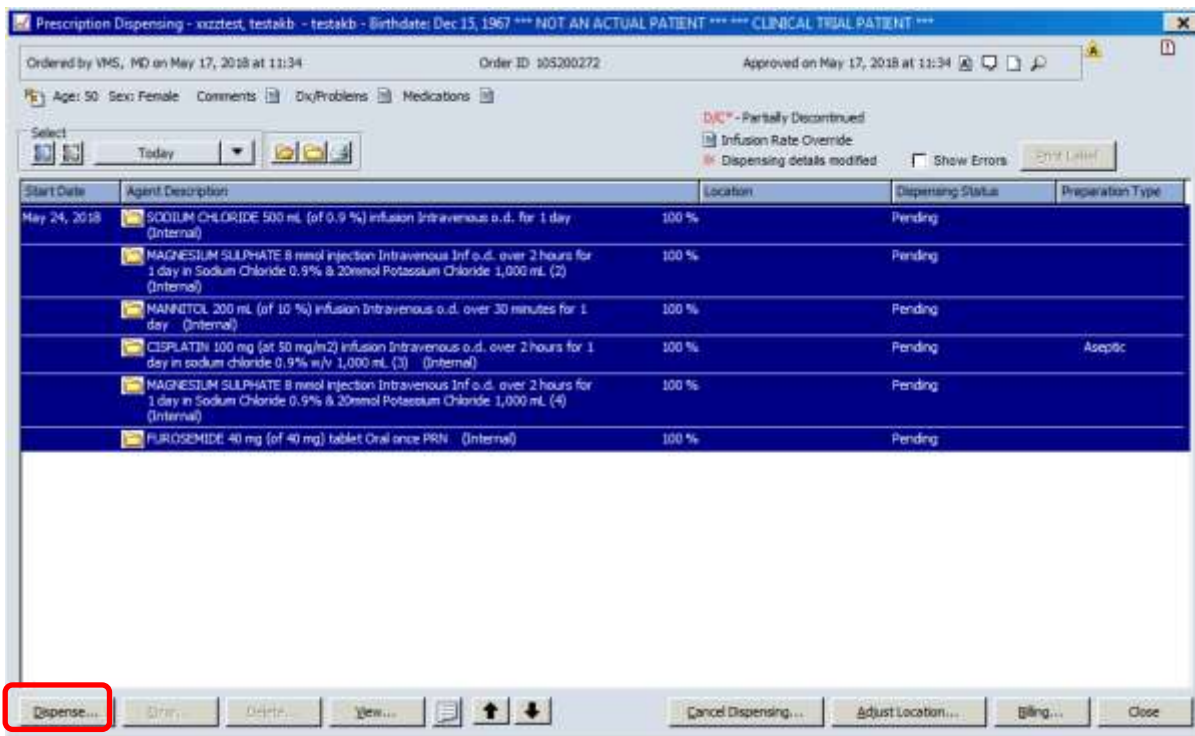


Click on the dispense button to lock the prescription to changes.



Start Date	Agent Description	Location	Dispensing Status	Preparation Type
May 24, 2018	SODIUM CHLORIDE 500 mL (of 0.9 %) infusion Intravenous o.d. for 1 day (Internal)	100 %	Pending	
	MAGNESIUM SULPHATE 8 mmol injection Intravenous Inf o.d. over 2 hours for 1 day in Sodium Chloride 0.9% & 20mmol Potassium Chloride 1,000 mL (2) (Internal)	100 %	Pending	
	MANNITOL 200 mL (of 10 %) infusion Intravenous o.d. over 30 minutes for 1 day (Internal)	100 %	Pending	
	CISPLATIN 100 mg (at 50 mg/m ²) infusion Intravenous o.d. over 2 hours for 1 day in sodium chloride 0.9% w/v 1,000 mL (3) (Internal)	100 %	Pending	Aseptic
	MAGNESIUM SULPHATE 8 mmol injection Intravenous Inf o.d. over 2 hours for 1 day in Sodium Chloride 0.9% & 20mmol Potassium Chloride 1,000 mL (4) (Internal)	100 %	Pending	
	FUROSEMIDE 40 mg (of 40 mg) tablet Oral once PRN (Internal)	100 %	Pending	

Highlight the agent/s you wish to mark as dispensed and then click on the dispense button



Start Date	Agent Description	Location	Dispensing Status	Preparation Type
May 24, 2018	SODIUM CHLORIDE 500 mL (of 0.9 %) infusion Intravenous o.d. for 1 day (Internal)	100 %	Pending	
	MAGNESIUM SULPHATE 8 mmol injection Intravenous Inf o.d. over 2 hours for 1 day in Sodium Chloride 0.9% & 20mmol Potassium Chloride 1,000 mL (2) (Internal)	100 %	Pending	
	MANNITOL 200 mL (of 10 %) infusion Intravenous o.d. over 30 minutes for 1 day (Internal)	100 %	Pending	
	CISPLATIN 100 mg (at 50 mg/m ²) infusion Intravenous o.d. over 2 hours for 1 day in sodium chloride 0.9% w/v 1,000 mL (3) (Internal)	100 %	Pending	Aseptic
	MAGNESIUM SULPHATE 8 mmol injection Intravenous Inf o.d. over 2 hours for 1 day in Sodium Chloride 0.9% & 20mmol Potassium Chloride 1,000 mL (4) (Internal)	100 %	Pending	
	FUROSEMIDE 40 mg (of 40 mg) tablet Oral once PRN (Internal)	100 %	Pending	

Record any of the dispensing information as per local procedure and then click Approve

NOTE- you do not need to record any information to approve and lock the prescription,

Click on close

The prescription can now not be reissued without pharmacy erroring the dispensing. As the reissue button for that prescription is now greyed out

AL3.7 Manager on OXNETCAAH07

File Workup Assessments Manage Tx View Pharmacy System Admin Window Applications Help

Medications - testakb, testakb - Birthdate: Dec 15, 1967 *** NOT AN ACTUAL PATIENT *** CLINICAL TRIAL PATIENT ***

Treatment Orders / Rx Medication History Patient History Regimen Library

View by: Pending Approved Pharmacy Approved All but Errored Error Time Period: All

Order #	Start Date	Medication	Status	# Renewals
105200278	Jun 21, 2018	Cisplatin (50) Etoposide (50) (NSCLC) Daypt= - Cycle 1	APPROVED	1
105200277	Jun 18, 2018	Cisplatin (50) Etoposide (50) (NSCLC) Daypt= - Cycle 1	APPROVED	1
105200276	Jun 17, 2018	Cisplatin (50) Etoposide (50) (NSCLC) Daypt= - Cycle 1	APPROVED	1
105200275	Jun 16, 2018	Cisplatin (50) Etoposide (50) (NSCLC) Daypt= - Cycle 1	APPROVED	1
105200274	Jun 15, 2018	Cisplatin (50) Etoposide (50) (NSCLC) Daypt= - Cycle 1	APPROVED	1
105200273	Jun 14, 2018	Cisplatin (50) Etoposide (50) (NSCLC) Daypt= - Cycle 1	APPROVED	1
105200272	May 24, 2018	Cisplatin (50) Etoposide (50) (NSCLC) Daypt= - Cycle 1	DISPENSED	1
105200271	May 21, 2018	Cisplatin (50) Etoposide (50) (NSCLC) Daypt= - Cycle 1	APPROVED	1
105200270	May 20, 2018	Cisplatin (50) Etoposide (50) (NSCLC) Daypt= - Cycle 1	APPROVED	1
105200269	May 19, 2018	Cisplatin (50) Etoposide (50) (NSCLC) Daypt= - Cycle 1	APPROVED	1
105200268	May 18, 2018	Cisplatin (50) Etoposide (50) (NSCLC) Daypt= - Cycle 1	APPROVED	1
105200267	May 17, 2018	Cisplatin (50) Etoposide (50) (NSCLC) Daypt= - Cycle 1	APPROVED	1
105200266	May 09, 2018	Docetaxel Hirtedamib= - Cycle 1 Day 2	APPROVED	1
105200265	May 08, 2018	Docetaxel Hirtedamib= - Cycle 1 Day 1	APPROVED	1
105200242	Mar 09, 2018	PEC (75/500) infusion= - Cycle 3 Day 1	APPROVED	1

Agent: BSA calculation for SACT Date Started: Mar 10, 2015 Qty: 1.87 mg (at 1 mg/m2) (appliance) Not Assigned o.d. for 1 day # Refills: 0

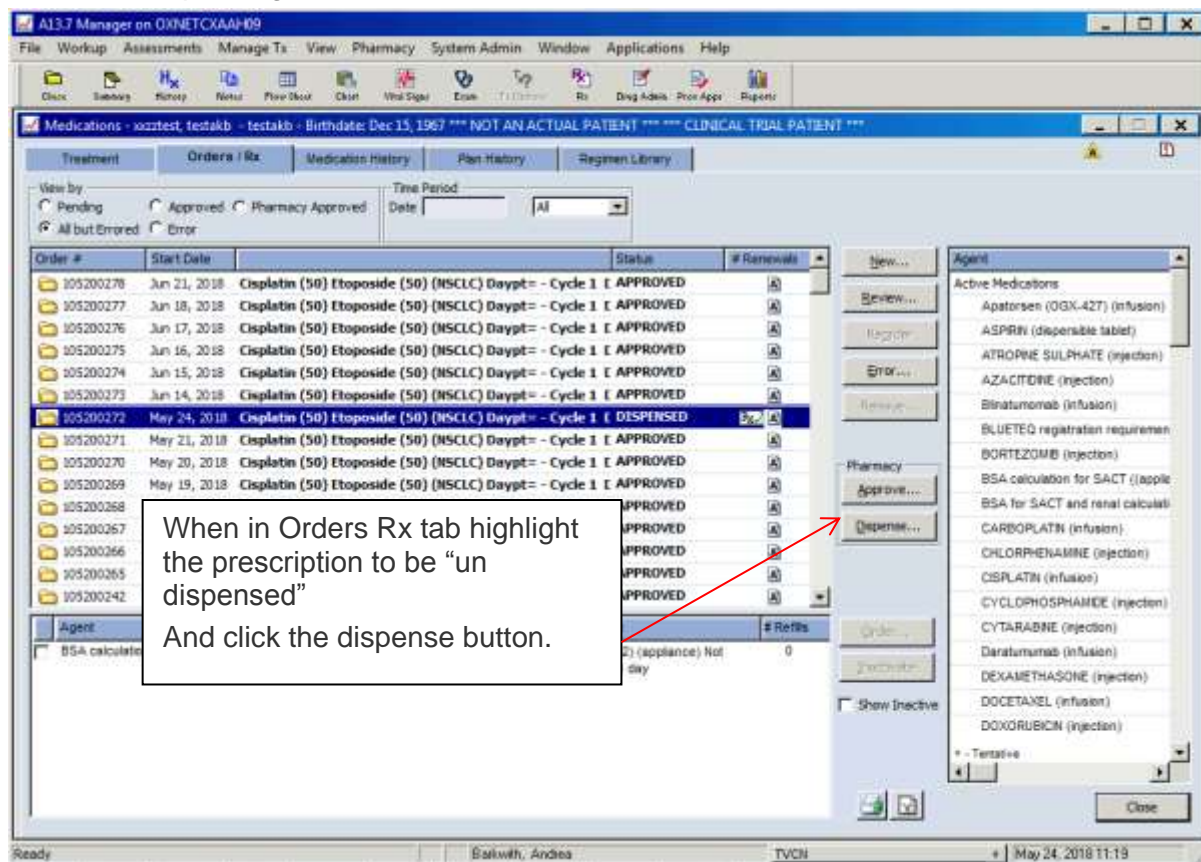
Active Medications: Apatorsen (OGX-427) (infusion), ASPIRIN (dispersible tablet), ATROPINE SULPHATE (injection), AZACITIDINE (injection), Binatumomab (infusion), BLUETOQ registration requirement, BORTEZOMIB (injection), BSA calculation for SACT (appliance), BSA for SACT and renal calculation, CARBOPLATIN (infusion), CHLORPHENAMINE (injection), CISPLATIN (infusion), CYCLOPHOSPHAMIDE (injection), CYTARABINE (injection), Daratumumab (infusion), DEXAMETHASONE (injection), DOCETAXEL (infusion), DOXORUBICIN (injection)

Buttons: New..., Review..., Approve..., Error..., Reissue..., Pharmacy Approve..., Dispense..., Order..., Reissue..., Show Inactive, Close

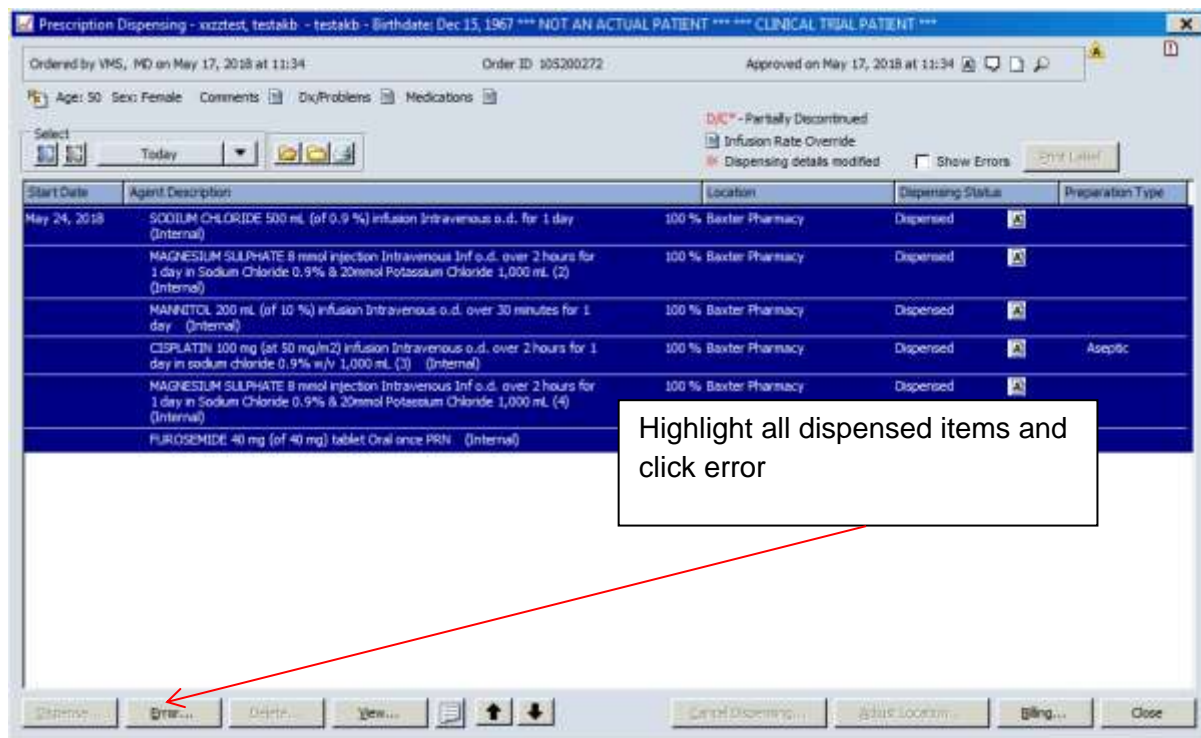
Status: Ready Patient: Bailwith, Andrea TVCN Date: May 23, 2018 16:48

If the prescription needs to be altered after it is locked pharmacy will need to error the dispensing and pharmacy approval (Only use error if there is no other option, as erroring often causes problems with future cycles).

To error a dispensing:



When in Orders Rx tab highlight the prescription to be "un dispensed"
And click the dispense button.

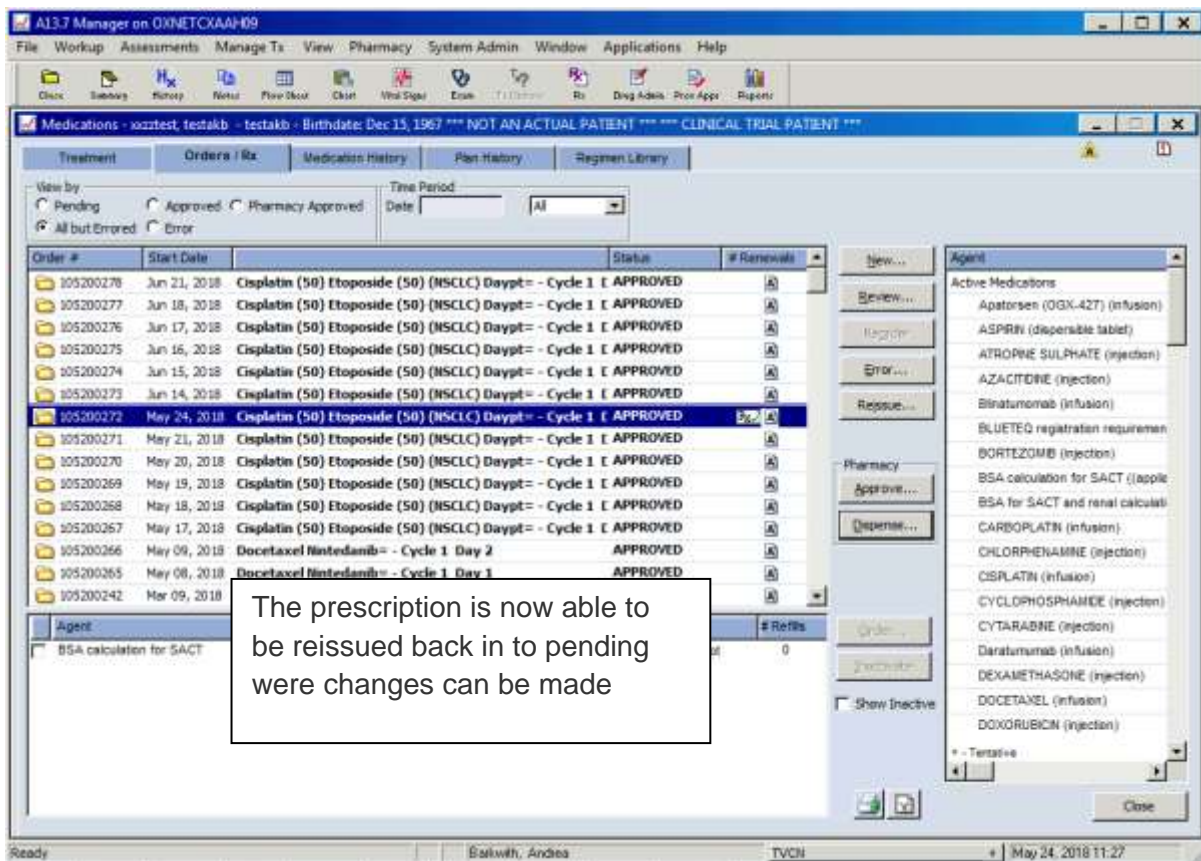


Highlight all dispensed items and click error

Start Date	Agent Description	Location	Dispensing Status	Preparation Type
May 24, 2018	SODIUM CHLORIDE 500 mL (of 0.9 %) infusion Intravenous o.d. for 1 day (Internal)	100 % Baxter Pharmacy	Dispensed	
	MAGNESIUM SULPHATE 8 mmol injection Intravenous Inf o.d. over 2 hours for 1 day in Sodium Chloride 0.9 % & 20mmol Potassium Chloride 1,000 mL (2) (Internal)	100 % Baxter Pharmacy	Dispensed	
	MANNITOL 200 mL (of 10 %) infusion Intravenous o.d. over 30 minutes for 1 day (Internal)	100 % Baxter Pharmacy	Dispensed	
	CISPLATIN 100 mg (at 50 mg/m2) infusion Intravenous o.d. over 2 hours for 1 day in sodium chloride 0.9 % w/v 1,000 mL (3) (Internal)	100 % Baxter Pharmacy	Dispensed	Aseptic
	MAGNESIUM SULPHATE 8 mmol injection Intravenous Inf o.d. over 2 hours for 1 day in Sodium Chloride 0.9 % & 20mmol Potassium Chloride 1,000 mL (4) (Internal)	100 % Baxter Pharmacy	Dispensed	
	FUROSEMIDE 40 mg (of 40 mg) tablet Oral once PRN (Internal)			

Then click OK

Then click close



AL3.7 Manager on OXNETCXA09

File Workup Assessments Manage Tx View Pharmacy System Admin Window Applications Help

Medications - oaztest, testab - testab - Birthdate: Dec 15, 1967 *** NOT AN ACTUAL PATIENT *** CLINICAL TRIAL PATIENT ***

Treatment Orders Rx Medication History Patient History Regimen Library

View by: Pending Approved Pharmacy Approved All but Errored Error

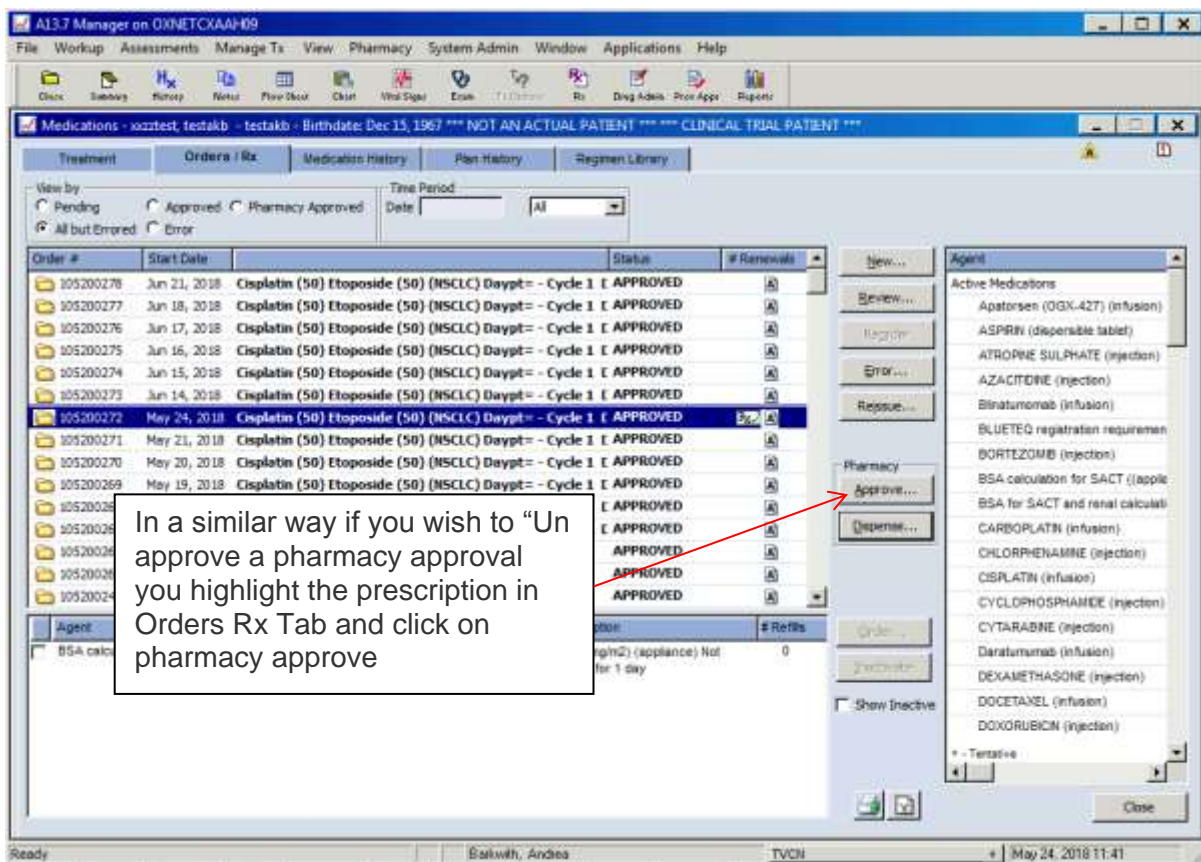
Time Period: Date: All

Order #	Start Date	Medication	Status	# Renewals
105200278	Jun 21, 2018	Cisplatin (50) Etoposide (50) (NSCLC) Daypt= - Cycle 1	APPROVED	1
105200277	Jun 18, 2018	Cisplatin (50) Etoposide (50) (NSCLC) Daypt= - Cycle 1	APPROVED	1
105200276	Jun 17, 2018	Cisplatin (50) Etoposide (50) (NSCLC) Daypt= - Cycle 1	APPROVED	1
105200275	Jun 16, 2018	Cisplatin (50) Etoposide (50) (NSCLC) Daypt= - Cycle 1	APPROVED	1
105200274	Jun 15, 2018	Cisplatin (50) Etoposide (50) (NSCLC) Daypt= - Cycle 1	APPROVED	1
105200273	Jun 14, 2018	Cisplatin (50) Etoposide (50) (NSCLC) Daypt= - Cycle 1	APPROVED	1
105200272	May 24, 2018	Cisplatin (50) Etoposide (50) (NSCLC) Daypt= - Cycle 1	APPROVED	1
105200271	May 21, 2018	Cisplatin (50) Etoposide (50) (NSCLC) Daypt= - Cycle 1	APPROVED	1
105200270	May 20, 2018	Cisplatin (50) Etoposide (50) (NSCLC) Daypt= - Cycle 1	APPROVED	1
105200269	May 19, 2018	Cisplatin (50) Etoposide (50) (NSCLC) Daypt= - Cycle 1	APPROVED	1
105200268	May 18, 2018	Cisplatin (50) Etoposide (50) (NSCLC) Daypt= - Cycle 1	APPROVED	1
105200267	May 17, 2018	Cisplatin (50) Etoposide (50) (NSCLC) Daypt= - Cycle 1	APPROVED	1
105200266	May 09, 2018	Docetaxel (NSCLC) Daypt= - Cycle 1 Day 2	APPROVED	1
105200265	May 08, 2018	Docetaxel (NSCLC) Daypt= - Cycle 1 Day 1	APPROVED	1
105200242	Mar 09, 2018			

Agent: BSA calculation for SACT

The prescription is now able to be reissued back in to pending were changes can be made

Ready | Bolkwith, Andrea | TVCN | May 24, 2018 11:27



AL3.7 Manager on OXNETCXA09

File Workup Assessments Manage Tx View Pharmacy System Admin Window Applications Help

Medications - oaztest, testab - testab - Birthdate: Dec 15, 1967 *** NOT AN ACTUAL PATIENT *** CLINICAL TRIAL PATIENT ***

Treatment Orders Rx Medication History Patient History Regimen Library

View by: Pending Approved Pharmacy Approved All but Errored Error

Time Period: Date: All

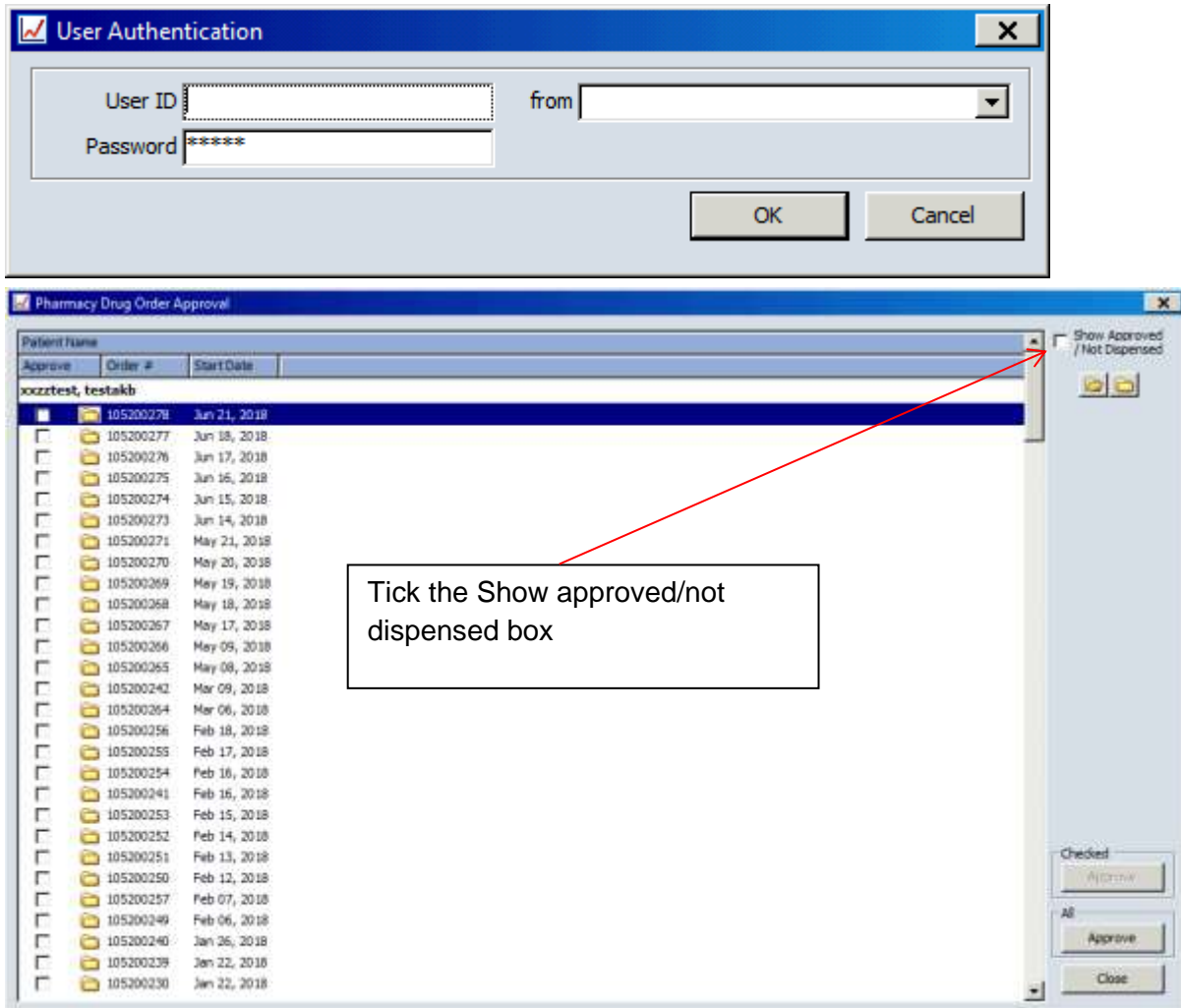
Order #	Start Date	Medication	Status	# Renewals
105200278	Jun 21, 2018	Cisplatin (50) Etoposide (50) (NSCLC) Daypt= - Cycle 1	APPROVED	1
105200277	Jun 18, 2018	Cisplatin (50) Etoposide (50) (NSCLC) Daypt= - Cycle 1	APPROVED	1
105200276	Jun 17, 2018	Cisplatin (50) Etoposide (50) (NSCLC) Daypt= - Cycle 1	APPROVED	1
105200275	Jun 16, 2018	Cisplatin (50) Etoposide (50) (NSCLC) Daypt= - Cycle 1	APPROVED	1
105200274	Jun 15, 2018	Cisplatin (50) Etoposide (50) (NSCLC) Daypt= - Cycle 1	APPROVED	1
105200273	Jun 14, 2018	Cisplatin (50) Etoposide (50) (NSCLC) Daypt= - Cycle 1	APPROVED	1
105200272	May 24, 2018	Cisplatin (50) Etoposide (50) (NSCLC) Daypt= - Cycle 1	APPROVED	1
105200271	May 21, 2018	Cisplatin (50) Etoposide (50) (NSCLC) Daypt= - Cycle 1	APPROVED	1
105200270	May 20, 2018	Cisplatin (50) Etoposide (50) (NSCLC) Daypt= - Cycle 1	APPROVED	1
105200269	May 19, 2018	Cisplatin (50) Etoposide (50) (NSCLC) Daypt= - Cycle 1	APPROVED	1
105200268			APPROVED	
105200267			APPROVED	
105200266			APPROVED	
105200265			APPROVED	
105200242			APPROVED	

Agent: BSA calculation for SACT

In a similar way if you wish to "Un approve a pharmacy approval you highlight the prescription in Orders Rx Tab and click on pharmacy approve

Ready | Bolkwith, Andrea | TVCN | May 24, 2018 11:41

Enter your user Authentication



The image shows two overlapping windows from the Pharmacy Drug Order Approval system.

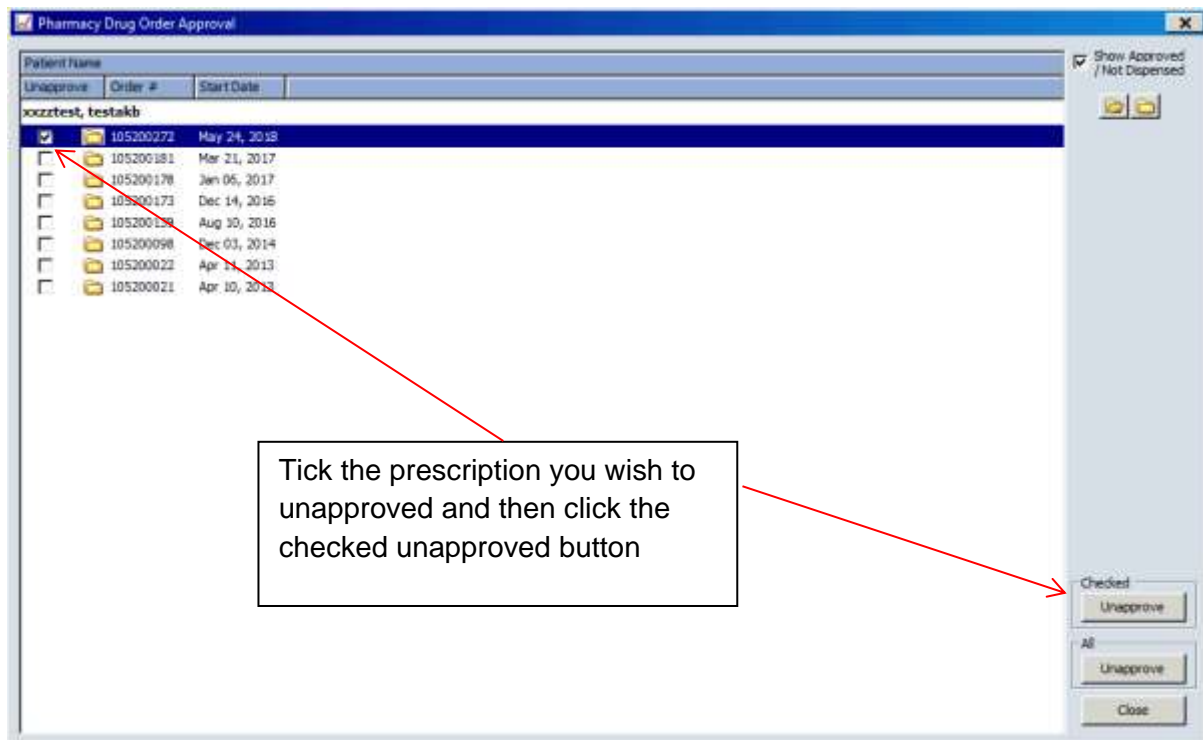
The top window, titled "User Authentication", has a blue header bar with a checkmark icon and a close button. It contains two input fields: "User ID" and "Password" (masked with asterisks). To the right of the "User ID" field is a "from" dropdown menu. At the bottom are "OK" and "Cancel" buttons.

The bottom window, titled "Pharmacy Drug Order Approval", has a blue header bar with a checkmark icon and a close button. It features a table with columns: "Patient Name", "Order #", and "Start Date". The table lists numerous orders, each preceded by a checkbox. A red arrow points from a text box to the "Show Approved / Not Dispensed" checkbox in the top right corner of the window. Below this checkbox are three buttons: "Checked", "All", and "Close".

Table Data (from screenshot):

Patient Name	Order #	Start Date
xxxxtest, testakb		
	105200278	Jun 21, 2018
	105200277	Jun 18, 2018
	105200276	Jun 17, 2018
	105200275	Jun 16, 2018
	105200274	Jun 15, 2018
	105200273	Jun 14, 2018
	105200271	May 21, 2018
	105200270	May 20, 2018
	105200269	May 19, 2018
	105200268	May 18, 2018
	105200267	May 17, 2018
	105200266	May 09, 2018
	105200265	May 08, 2018
	105200242	Mar 09, 2018
	105200264	Mar 06, 2018
	105200256	Feb 18, 2018
	105200255	Feb 17, 2018
	105200254	Feb 16, 2018
	105200241	Feb 16, 2018
	105200253	Feb 15, 2018
	105200252	Feb 14, 2018
	105200251	Feb 13, 2018
	105200250	Feb 12, 2018
	105200257	Feb 07, 2018
	105200249	Feb 06, 2018
	105200240	Jan 26, 2018
	105200239	Jan 22, 2018
	105200230	Jan 22, 2018

Tick the Show approved/not dispensed box



The prescription is now pharmacy unapproved.

Based on an Aria training documents originally produced by:

Clinical Systems Training Team, Royal Berkshire Hospital, Reading

Written for TVCN by Dr Claire Blesing April 2009

Amended by Andrea Barkwith Dec 2016

For Doctors, nurses and pharmacists

Version dated: 14/5/2018

Always check <http://tvscn.nhs.uk/networks/cancer/cancer-topics/chemotherapy/>

or via Applications in Aria, to ensure most recent version is being used.

Page 16 of 17

