
Aria E-Prescribing v13.6 MR1.2

User Training Guide



Every effort has been made to ensure that the material in this manual was correct at the time of publication but cannot be held responsible for any errors or inaccuracies. We reserve the right to change or replace information contained in the manual without notice. For the most up to date version please refer to the UHS website. All references made to patient records are fictitious for the purpose of training only.

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This training guide has been produced as a generic document for the 6 Trust of the former Central south coast cancer NETWORK (CSCCN); it can be used as an aid to producing cascade training guides either by role or profession at each individual trust if

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nb Once prescription Approved by prescriber and pharmacy either prescriber/nurse/pharmacy can move the date without the need to re-issue the prescription. By moving the date this will not produce a different pharmacy order number (yellow file) because no clinical amendments have been made.		
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THIS TRAINING GUIDE HAS BEEN PRODUCED AS A GENERIC DOCUMENT FOR THE 6 TRUST OF THE FORMER CENTRAL SOUTH COAST CANCER NETWORK (CSCCN); IT CAN BE USED AS AN AID TO PRODUCING CASCADE TRAINING GUIDES EITHER BY ROLE OR PROFESSION AT

EACH INDIVIDUAL TRUST IF REQUIRED.

1 GENERAL COURSE INFORMATION

COURSE TITLE	E-PRESCRIBING
METHOD OF TRAINING	
DURATION	
PRE-REQUISITES	

ABOUT THE COURSE

The Aria E-Prescribing software is a computer system that is used across the 6 Trusts of the former Central South Central Cancer Network (CSCCN).

This course is intended for users who will be prescribing chemotherapy to patients, approving and dispensing chemotherapy in pharmacy and recording the administration of chemotherapy by nursing staff within the Aria application.

SUITABLE FOR

This manual is suitable for any user requiring access to the Aria system. This includes Clerical and Administration staff, Nursing Staff, Pharmacy staff and Clinicians.

OBJECTIVES

This course will enable the student to perform the following:

1. To be able to log on and off of the system
2. To record relevant patient history, diagnosis and vital signs
3. To prescribe specific chemotherapy regimens
4. To approve and dispense drugs in pharmacy
5. To be able to record the administration of chemotherapy to patients
6. To be able to enter patients into the scheduling system

2 INFORMATION GOVERNANCE

Information Governance (IG) sits alongside the other governance initiatives of clinical, research and corporate governance. Information Governance is to do with the way the NHS handles information about patients/clients and employees, in particular, personal and sensitive information. It provides a framework to bring together all of the requirements, standards and best practice that apply to the handling of personal information.

Information Governance includes the following standards and requirements:

- Information Quality Assurance
- The NHS Confidentiality Code of Practice
- Information Security
- The Data Protection Act 1998
- Records Management
- The Freedom of Information Act 2000
- Caldicott Report December 1997

What can you do to make Information Governance a success? Keep personal information secure

Ensure confidential information is not unlawfully or inappropriately accessed. Comply with the Trust ICT security policy and Staff Code of Confidentiality. Do not share your password with others. Ensure you "log out" once you have finished using the computer. Do not leave manual records unattended. Lock rooms and cupboards where personal information is stored.

Keep personal information confidential

Only disclose personal information to those who legitimately need to know to carry out their role. Do not discuss personal information about your patients/clients/staff in corridors, lifts or the canteen

Ensure that the information you use is obtained fairly

Inform patients/clients of the reason their information is being collected. Organisational compliance with the Data Protection Act depends on employees acting in accordance with the law. The Act states information is obtained lawfully and fairly if individuals are informed of the reason their information is required, what will generally be done with that information and who the information is likely to be shared with.

Make sure the information you use is accurate

Check personal information with the patient. Information quality is an important part of IG. There is little point putting procedures in place to protect personal information if the information is inaccurate.

Only use information for the purpose for which it was given

Use the information in an ethical way. Personal information which was given for one purpose e.g. hospital treatment, should not be used for a totally separate purpose e.g. research, unless the patient consents to the new purpose.

Share personal information appropriately and lawfully

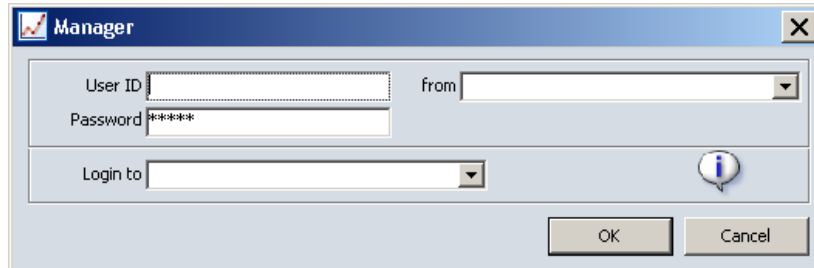
Obtain patient consent before sharing their information with others e.g. referral to another agency such as, social services.

Comply with the law

The Trust has policies and procedures in place which comply with the law and do not breach patient/client rights. If you comply with these policies and procedures you are unlikely to break the law.

3 LOGGING ON TO ARIA

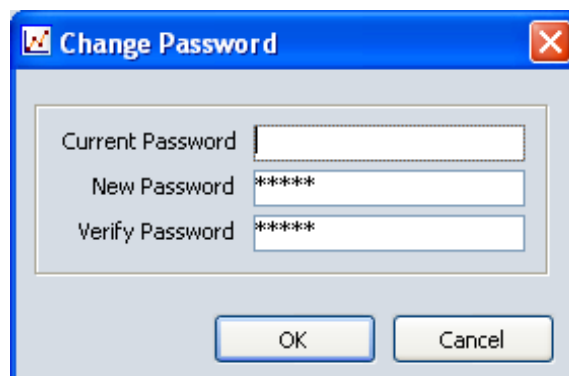
Access to Aria is via a Citrix connection. However local Trust policy will govern how much you see of this login process. Most trusts will have an Icon on the desktop which will take them to the login boxes below.



- Type in your user ID in the User ID field
- Type password in to the Password field
- Select the appropriate institutions in the 'From' and 'Login To' drop down boxes.
- The 'From' field will always need to be CSCCN
- The 'Login To' field will define what work location you are logging into. For example, what Ward or Clinic do you wish to work in?
- Click OK

On subsequent logins the above 'From' and 'Login to' fields will be pre-filled as the system remembers what you last logged into. This can be changed at any point.

On your first login you will be required to change your password from the one issued to you with your username. The following box will display:



There are certain parameters that need to be observed when creating a new password. These are:

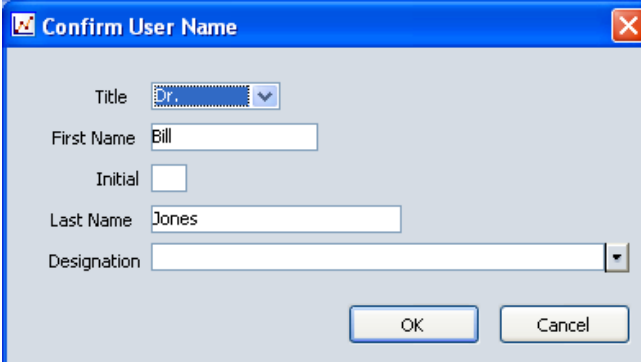
- The password must be between 6 and 10 characters long
- have a letter as the first character
- be mixed case
- contain at least 2 numeric's
- be unique from the previous 5 passwords

Examples of how acceptable passwords may look are below:

Sunsh1ne1
Sunshine01
sunSh11ne

On your first login you will also be required to confirm your details are correct within the Aria System.

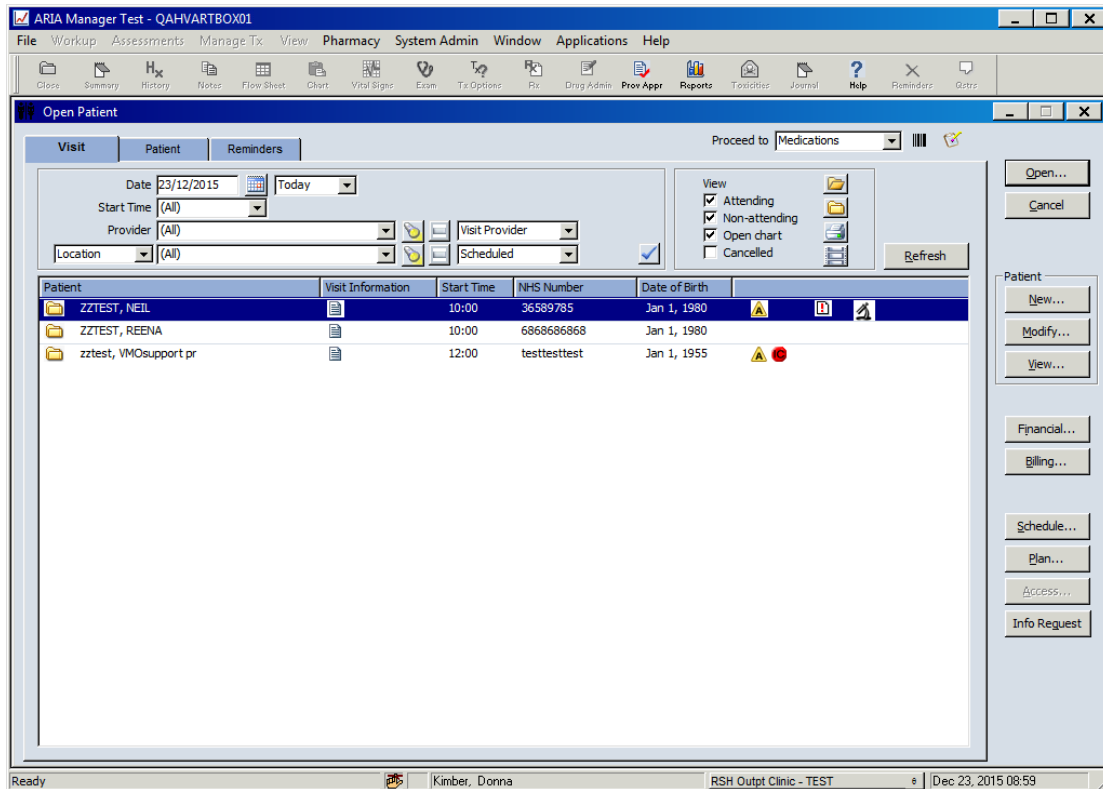
DO NOT CHANGE any details in this box. If there are any changes that need to be made contact your local IT Support who will look into it. Click ok.



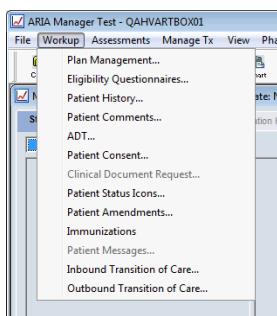
The image shows a Windows-style dialog box titled "Confirm User Name". It contains several input fields: a dropdown menu for "Title" with "Dr." selected, a text box for "First Name" containing "Bill", an empty text box for "Initial", a text box for "Last Name" containing "Jones", and a dropdown menu for "Designation". At the bottom right, there are two buttons: "OK" and "Cancel".

4 CREATING AND MODIFYING A NEW PATIENT

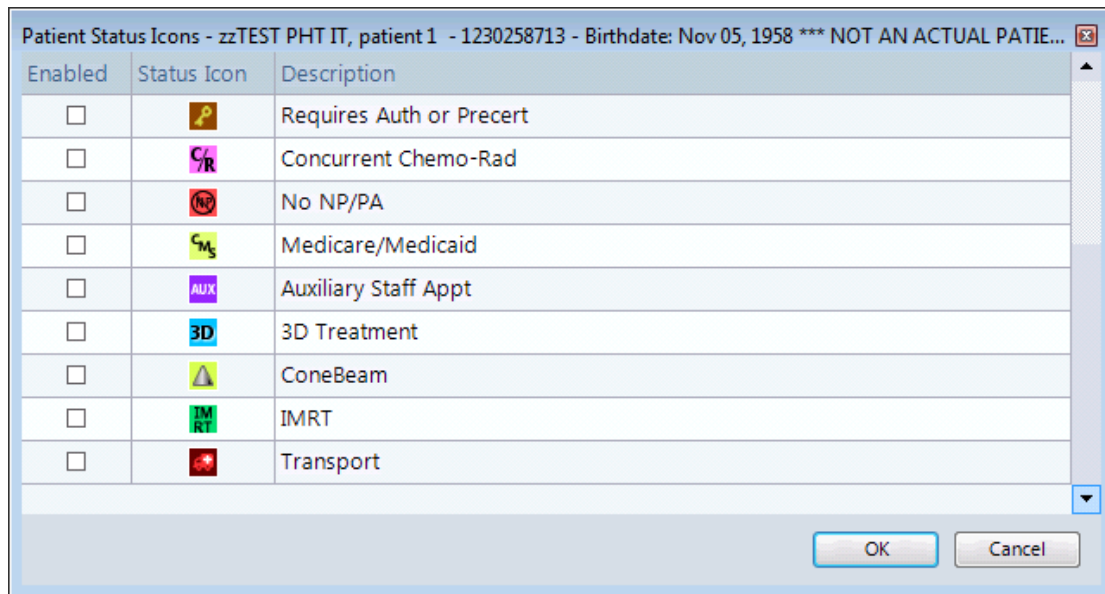
When logging into Aria Manager, the first window you see is the 'Open Patient' window.



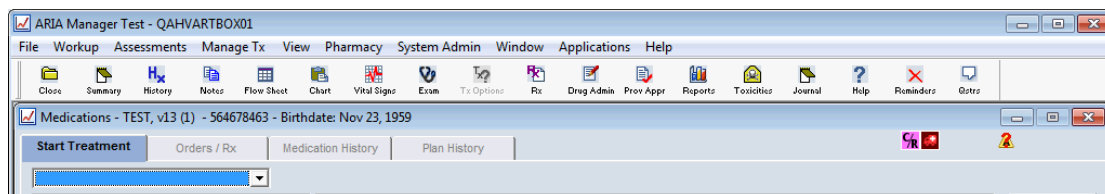
It is also possible to add patient status icons to appear attached to the patient record on the open patient window and other screens. Select Patient Workup – Patient Status icon from drop down menu




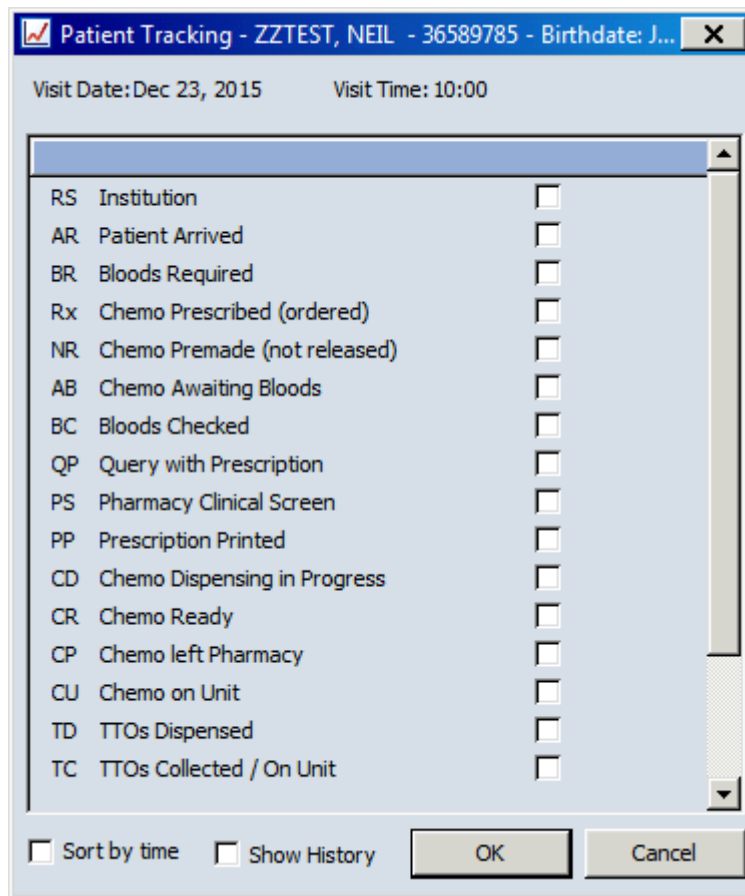
Two icons that may be useful would be C/R (Concurrent Chemo-Rad) and Ambulance that could be used to indicate transport.



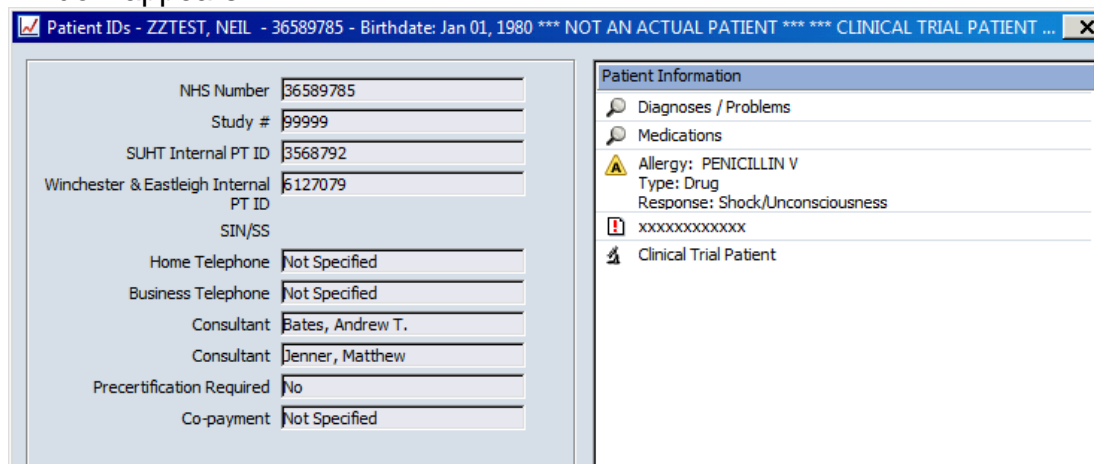
Eg Chemo-Rad and Transport have been added to this patient and the icons appear on the top right of the screen



The 'open patient window' shows all the patients who have been entered into Scheduling or who have had a 'chart' opened today. By highlighting a patient and then clicking on blue tick  the following Patient Tracking window opens (actual Institution list may vary).



By highlighting a patient and then right clicking on it a brief Patient Information window appears



By clicking on the clipboard icon (to right next to bar code) a list will appear of the last 15 patient charts opened by the user.

My Recently Opened Patients		
Institution: RSH Outpt Clinic - TEST		
Patient	NHS Number	Last Opened
ZZTEST, NEIL	36589785	Dec 23, 2015 8:58:16
zztest, UKALLNurse	9876543210	Dec 22, 2015 16:58:17
xxzzLYMPH, Trial MK-3475-pembro	trialmk3475	Dec 09, 2015 14:23:37

In this window you can add New patients or Modify an existing patient – click on the relevant button on right of screen. Either New, Modify or View.

In most cases within the network the requirement to add new patients to the Aria system will not be needed as there will be a data feed from the local Patient Administration System that will populate it.

However, to create a new patient click 'New' on the right hand side of the screen. This will open the Modify Patient Window.

DO NOT create a patient on Aria if there is a PAS data feed within your Trust as this may create duplicates on the Aria database. In the event of duplicate patient entry found please contact system administrator (d.kimber@nhs.net or Debbie.wright@uhs.nhs.uk) who will investigate and contact Varian if required.

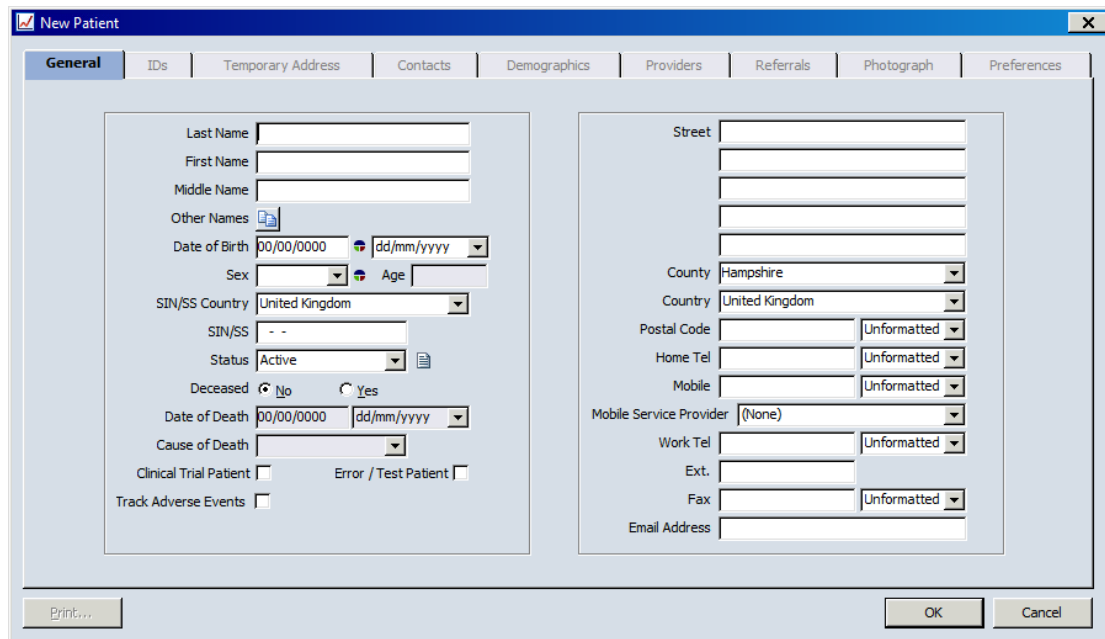
Patient Modify window

The Tabs are:

- **General** – Where name, DOB etc... is stored
- **Patient IDs** – contains NHS, Hospital etc...
- **Temporary Address**
- **Contacts** – Next of Kin details etc...
- **Demographics** – Patient personal details for example Ethnicity and Religion. This screen is useful to record Advance Directives such as 'Organ Donor' and Feeding Restriction alerts.
- **Providers** - Details of patient's Consultant – needed for SACT report
- **Referrals** – Details of referring clinician unlikely to be used
- **Photograph** – Unlikely to be used within the NHS

General Tab

To enter a New Patient the same will appear but it will be a blank template



You can enter details in any of the tabs, much of this information will be imported by the PAS interface, but anything can be updated or amended.

Patient IDs Tab

In this window the NHS number will always appear along with any internal hospital ID. If appropriate you can also add a CDF PT ID, a Private PT ID or a Study #.

Patient Identifier	Value	Valid Entry	Entered On	Expiry Date
Global Identifier				
Basingstoke Internal PT ID	<input type="text"/>	<input checked="" type="checkbox"/>		
CDF PT ID	<input type="text"/>	<input checked="" type="checkbox"/>		
Isle of Wight General Casenote #	<input type="text"/>	<input checked="" type="checkbox"/>		
New Western Sussex Internal PT ID	<input type="text"/>	<input checked="" type="checkbox"/>		
NHS Number	<input type="text"/>	<input checked="" type="checkbox"/>		
Portsmouth District#	<input type="text"/>	<input checked="" type="checkbox"/>		
Portsmouth General Casenote #	<input type="text"/>	<input checked="" type="checkbox"/>		
Portsmouth Internal PT ID	<input type="text"/>	<input checked="" type="checkbox"/>		
Portsmouth Specialty Casenote #	<input type="text"/>	<input checked="" type="checkbox"/>		
Private PT ID	<input type="text"/>	<input checked="" type="checkbox"/>		
Salisbury Internal PT ID	<input type="text"/>	<input checked="" type="checkbox"/>		
Study #	<input type="text"/>	<input checked="" type="checkbox"/>		
SUHT Internal PT ID	<input type="text"/>	<input checked="" type="checkbox"/>		
Winchester & Eastleigh Internal PT	<input type="text"/>	<input checked="" type="checkbox"/>		

Temporary Address and Contacts can be amended as necessary.

Demographics Tab

Demographics – any of these can be amended, the down arrow on right of a field means a drop-down list will appear. Advance Directives, if yes then you can tick any of these and they will appear later on.

Provider Tab

Providers must be completed, top box is the consultant and the bottom box is the GP – this may, or may not, come over from PAS. When the Provider is added in this window it will automatically populate the Visit Provider in Scheduling. This field is required in many reports.

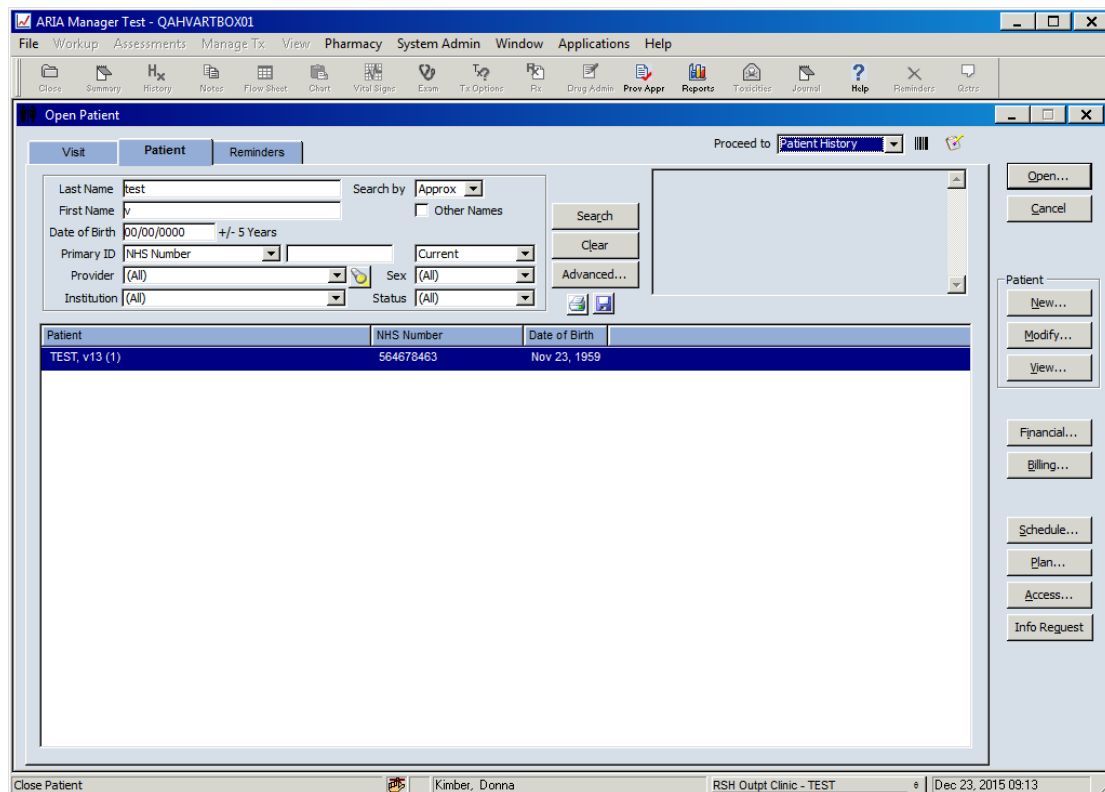
NB Relationship must be entered as Consultant for GMC number to populate in SACT and other reports

Physician Name	Relationship	Classification
Ottensmeier, Christian	Consultant	Medical Oncologist

5 ADDING PATIENT HISTORY

Once you have your patient in the system then you need to add some History.

Highlight the patient, you can change the first window you view by amending the 'Proceed to' button on the top right of screen (next to bar code) e.g. Patient History. Click Open...button on top right

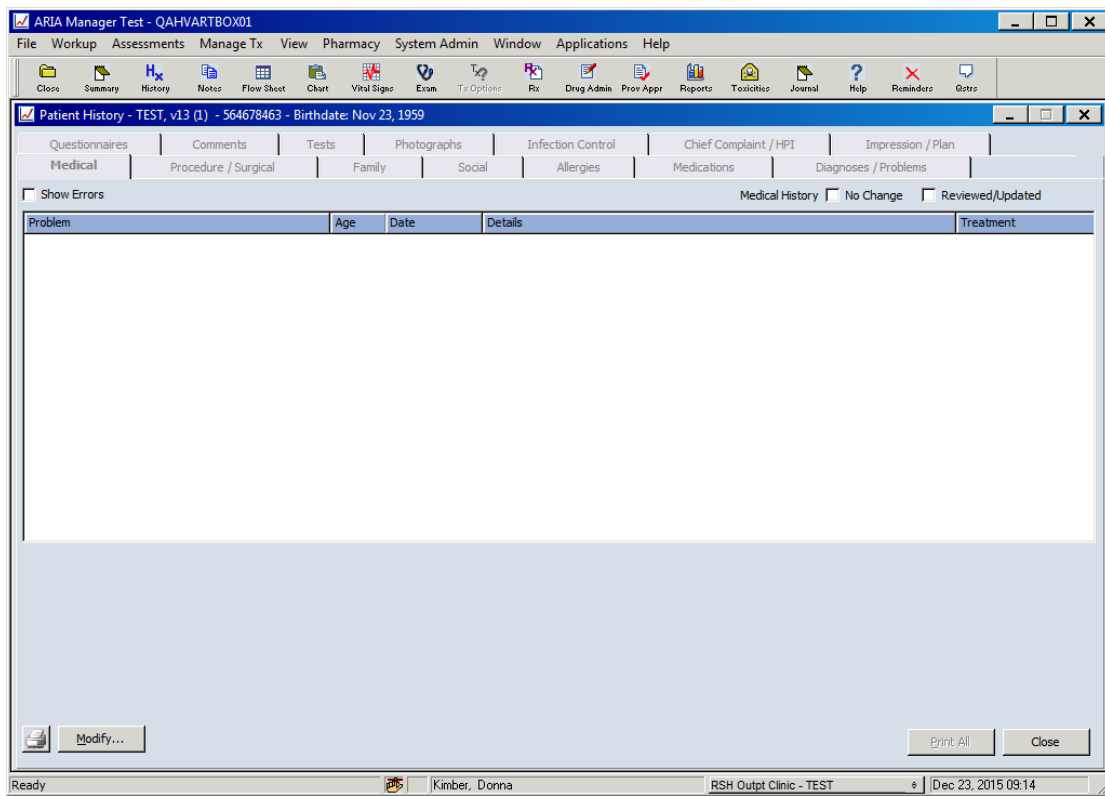


The patient has opened in the Patient History window because that is what was selected under Proceed To. The second tool bar has now become available to use (starts Chart, History etc).

If history wasn't the default page then it can be selected by clicking on History (3rd button from left on top tool bar).

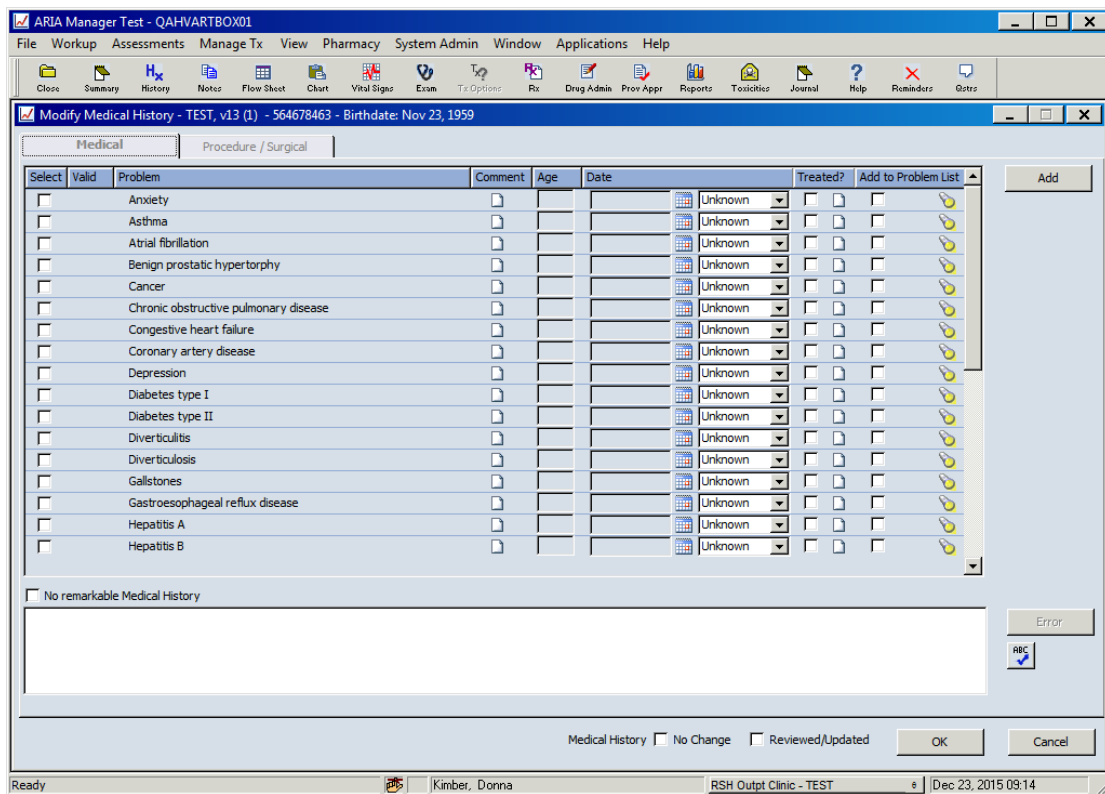
The main sections to be completed are:

- **Medical**
- **Procedure / surgical**
- **Family**
- **Social**
- **Allergies** – this is essential
- **Medications** – this is essential

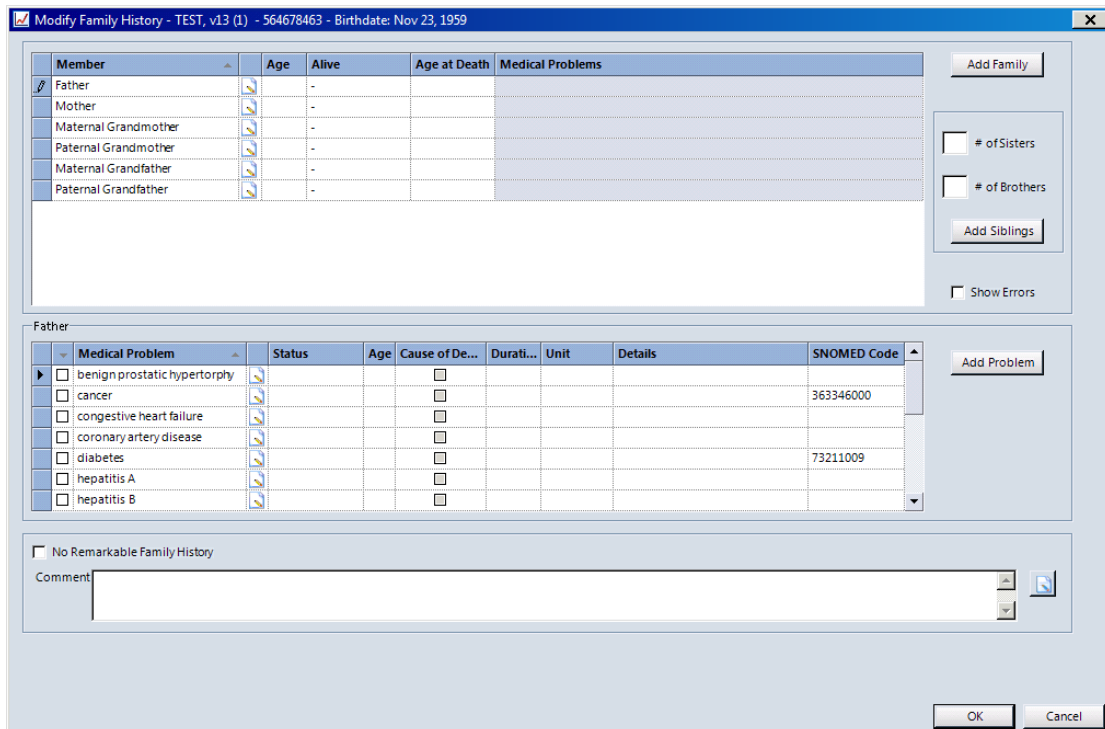


As information is entered the tab will change to blue in colour.

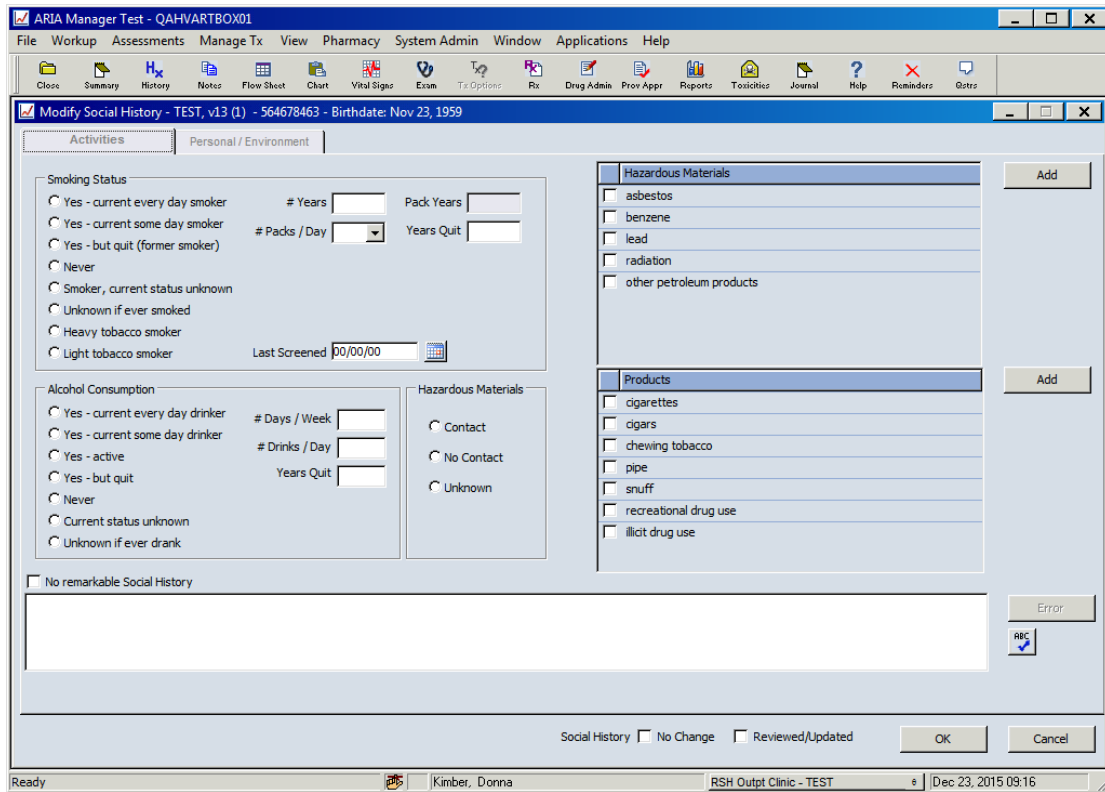
Medical – this shows and then can be amended as necessary.
Procedure/Surgical can also be entered here.



Family – this window opens and then can be updated.

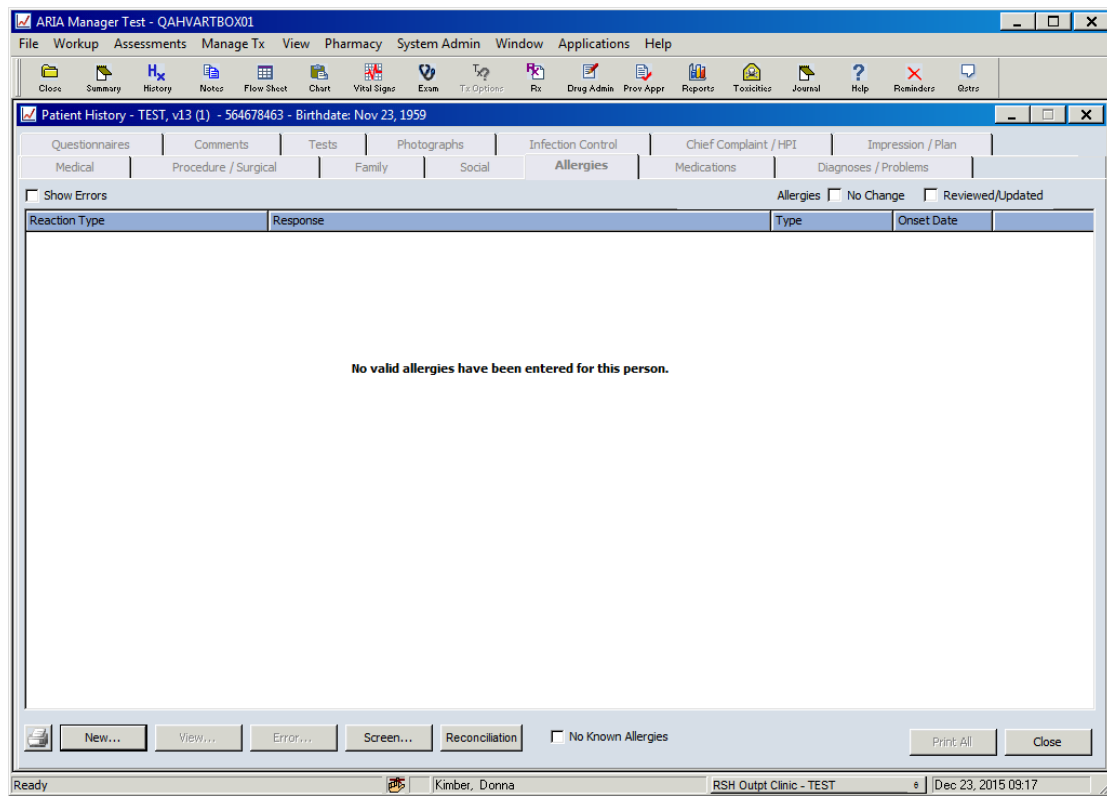


Social – following window opens to be updated



Allergies and Medications can be entered and this will then work in conjunction with the First Data Bank to look at drug interactions.

Allergies – following window opens to be updated




Click on New, select the Type eg Drug


New Allergy/Adverse Reaction - TEST, v13 (1) - 564678463 - Birthdate: Nov 23, 1959

Allergy Adverse Reaction

Type:

Allergy: 

Onset Date: Unknown Form:

Response	Description	Severity
<input type="checkbox"/>	Skin Rashes/Hives	
<input type="checkbox"/>	Shock/Unconsciousness	
<input type="checkbox"/>	Asthma/Shortness of Breath	
<input type="checkbox"/>	Nausea/Vomiting/Diarrhea	
<input type="checkbox"/>	Anemia/Blood Disorders	
<input type="checkbox"/>	Photosensitivity	
<input type="checkbox"/>	Swollen-lips	
<input type="checkbox"/>	Chest Pains/Irregular Heart Rate	
<input type="checkbox"/>	Other	

For Drug allergy, start typing the drug name in the Allergy box eg asp and then click on the torch button (right of screen)

New Allergy/Adverse Reaction - TEST, v13 (1) - 564678463 - Birthdate: Nov 23, 1959

Allergy Adverse Reaction

Type

Allergy

Onset Date Unknown Form

Response	Description	Severity
<input type="checkbox"/>	Skin Rashes/Hives	
<input type="checkbox"/>	Shock/Unconsciousness	
<input type="checkbox"/>	Asthma/Shortness of Breath	
<input type="checkbox"/>	Nausea/Vomiting/Diarrhea	
<input type="checkbox"/>	Anemia/Blood Disorders	
<input type="checkbox"/>	Photosensitivity	
<input type="checkbox"/>	Swollen-lips	
<input type="checkbox"/>	Chest Pains/Irregular Heart Rate	
<input type="checkbox"/>	Other	

A list will of drugs will appear, select drug required eg penicillin V (tablet oral), OK

Agent Selection [X]

Agent Name

Formulary Only

Agent	Number of Matching Entries	Billing
PENICILLAMINE - (tablet Oral)		
PENICILLIN V - (oral liquid Oral)		
PENICILLIN V - (tablet Oral)		
PENICILLIN VK - (oral liquid Oral)		
PENICILLIN VK - (tablet Oral)		

Alternate Agent	Billing
PHENOXYMETHYLPENICILLIN - (tablet Oral)	

OK Cancel

New Allergy/Adverse Reaction - TEST, v13 (1) - 564678463 - Birthdate: Nov 23, 1959

Allergy Adverse Reaction

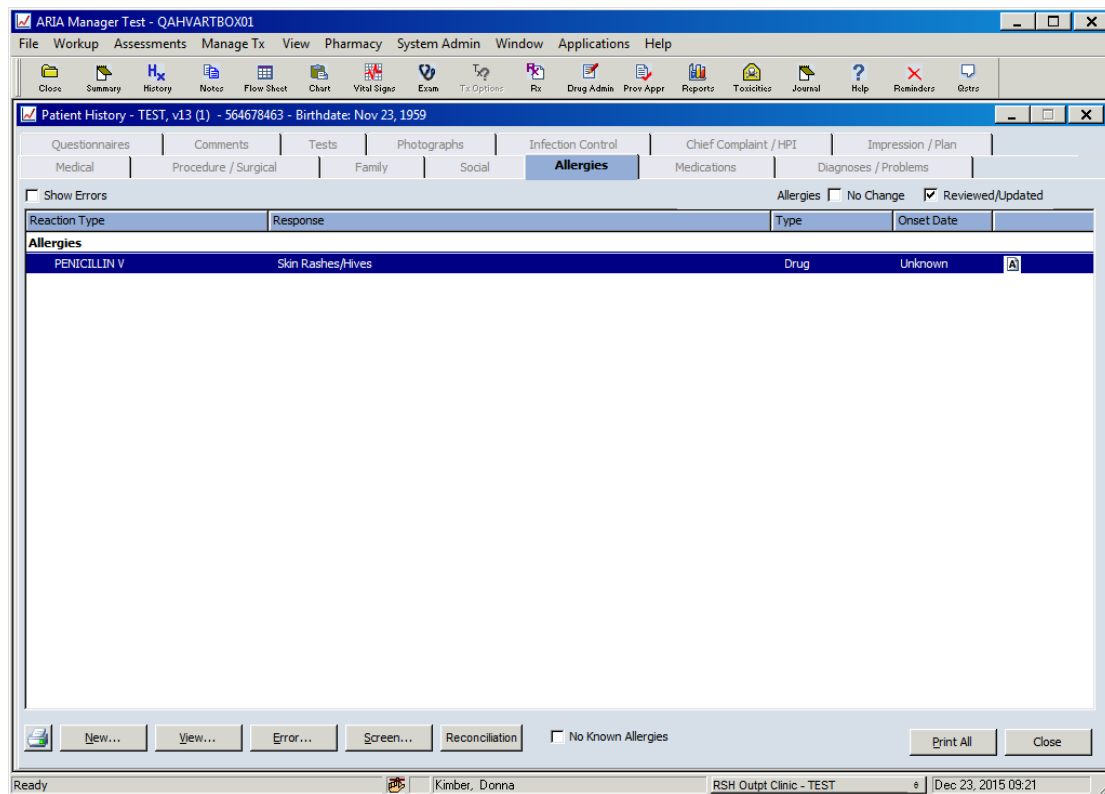
Type:

Allergy:

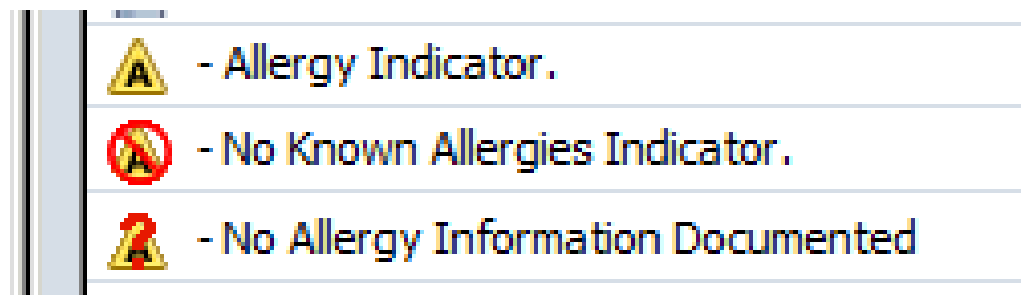
Onset Date: Unknown Form:

Response	Description	Severity
<input checked="" type="checkbox"/>	Skin Rashes/Hives	(Not Specified)
<input type="checkbox"/>	Shock/Unconsciousness	
<input type="checkbox"/>	Asthma/Shortness of Breath	
<input type="checkbox"/>	Nausea/Vomiting/Diarrhea	
<input type="checkbox"/>	Anemia/Blood Disorders	
<input type="checkbox"/>	Photosensitivity	
<input type="checkbox"/>	Swollen-lips	
<input type="checkbox"/>	Chest Pains/Irregular Heart Rate	
<input type="checkbox"/>	Other	

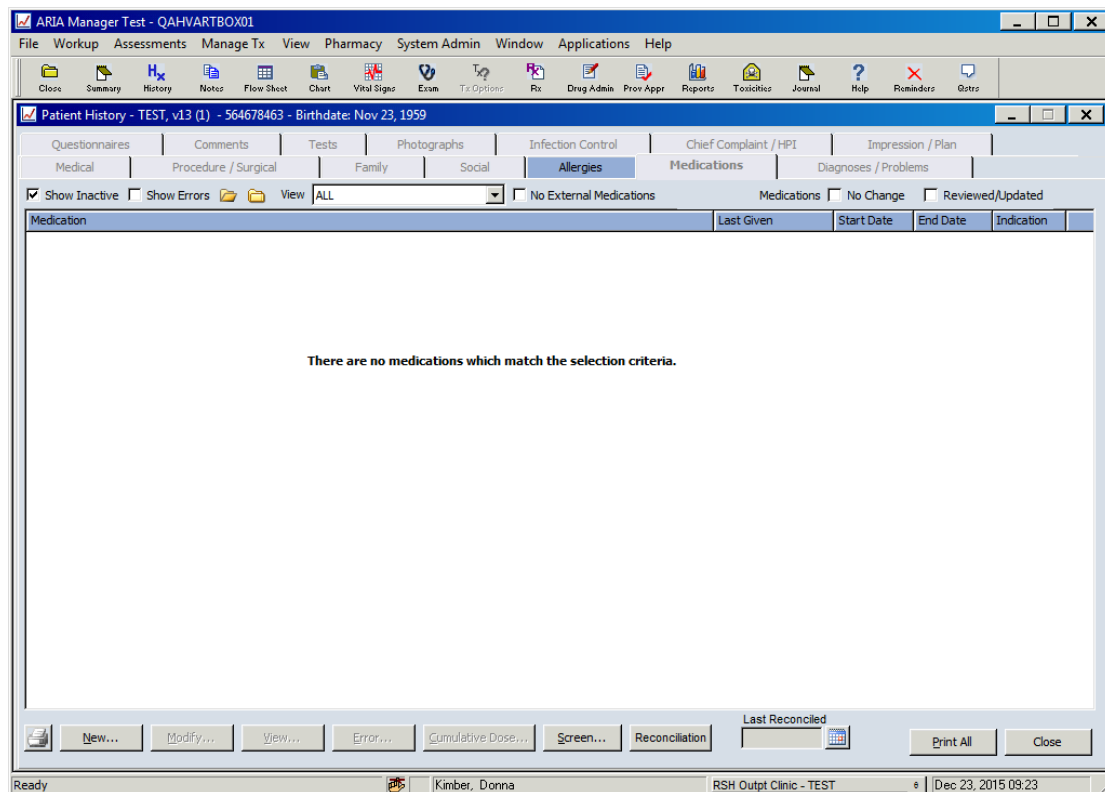
Tick the Response or Other which will give a text box for comments. Click OK or Save – New to add another drug if necessary. The allergies will now appear on the Allergies window



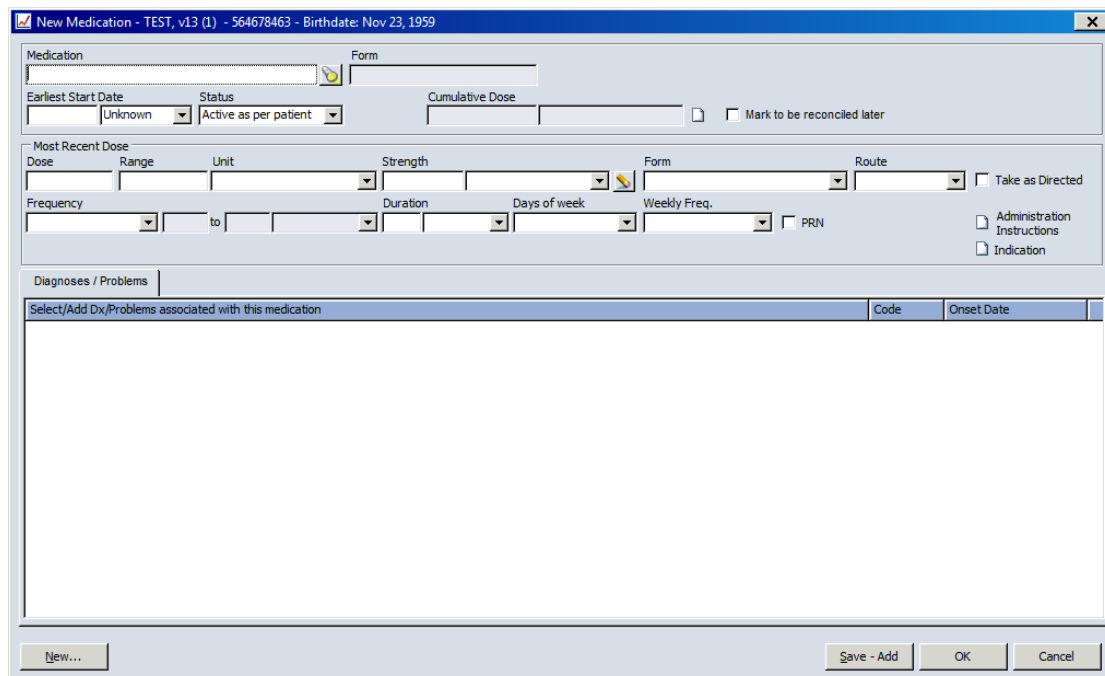
If no allergies tick “No Known Allergies” – these icons will be seen in numerous screen indicating whether an allergy has been recorded, no known allergy or no allergy information has been recorded.



Medications – following window opens to be updated

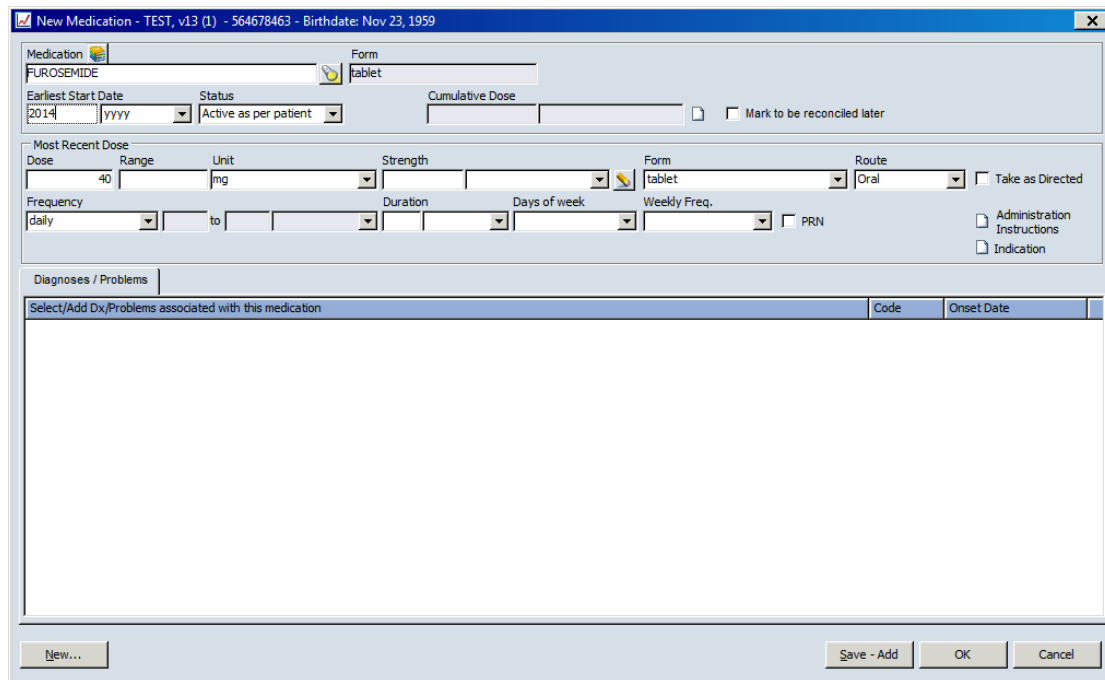


Click New (bottom left) to add new medication, the following window will open



Type in the start of the drug and then click the torch to search the First Data Bank and enter all relevant details, those with down arrows contain drop down selections. It is sufficient to only add the drug name because this is used to

check for drug interactions, contra indications etc, dose and frequency is not necessary.



The screenshot shows a software window titled "New Medication - TEST, v13 (1) - 564678463 - Birthdate: Nov 23, 1959". The window contains the following fields and sections:

- Medication:** FUROSEMIDE
- Form:** tablet
- Earliest Start Date:** 2014
- Status:** Active as per patient
- Cumulative Dose:** (empty)
- Mark to be reconciled later
- Most Recent Dose:**
 - Dose:** 40
 - Unit:** mg
 - Form:** tablet
 - Route:** Oral
 - Take as Directed
- Frequency:** daily
- Duration:** (empty)
- Days of week:** (empty)
- Weekly Freq.:** (empty)
- PRN
- Administration Instructions
- Indication
- Diagnoses / Problems:**

Select/Add Dx/Problems associated with this medication	Code	Onset Date

Buttons at the bottom: New..., Save - Add, OK, Cancel.

Click OK and drug now appears, this screen will also show any chemotherapy agents the patient is/has received.

ARIA Manager Test - QAHVARTBOX01

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

Close Summary History Notes Flow Sheet Chart Vital Signs Exam Tx Options Rx Drug Admin Prev Appr Reports Toxicities Journal Help Reminders Qstns

Patient History - TEST, v13 (1) - 564678463 - Birthdate: Nov 23, 1959

Questionnaires Comments Tests Photographs Infection Control Chief Complaint / HPI Impression / Plan

Medical Procedure / Surgical Family Social Allergies **Medications** Diagnoses / Problems

Show Inactive Show Errors View ALL No External Medications Medications No Change Reviewed/Updated

Medication	Last Given	Start Date	End Date	Indication
Active As Per Patient Agents				
FUROSEMIDE (tablet) - 40 mg tablet Oral daily		2014		

New... Modify... View... Error... Cumulative Dose... Screen... Reconciliation

Last Reconciled: 23/12/2015

Print All Close

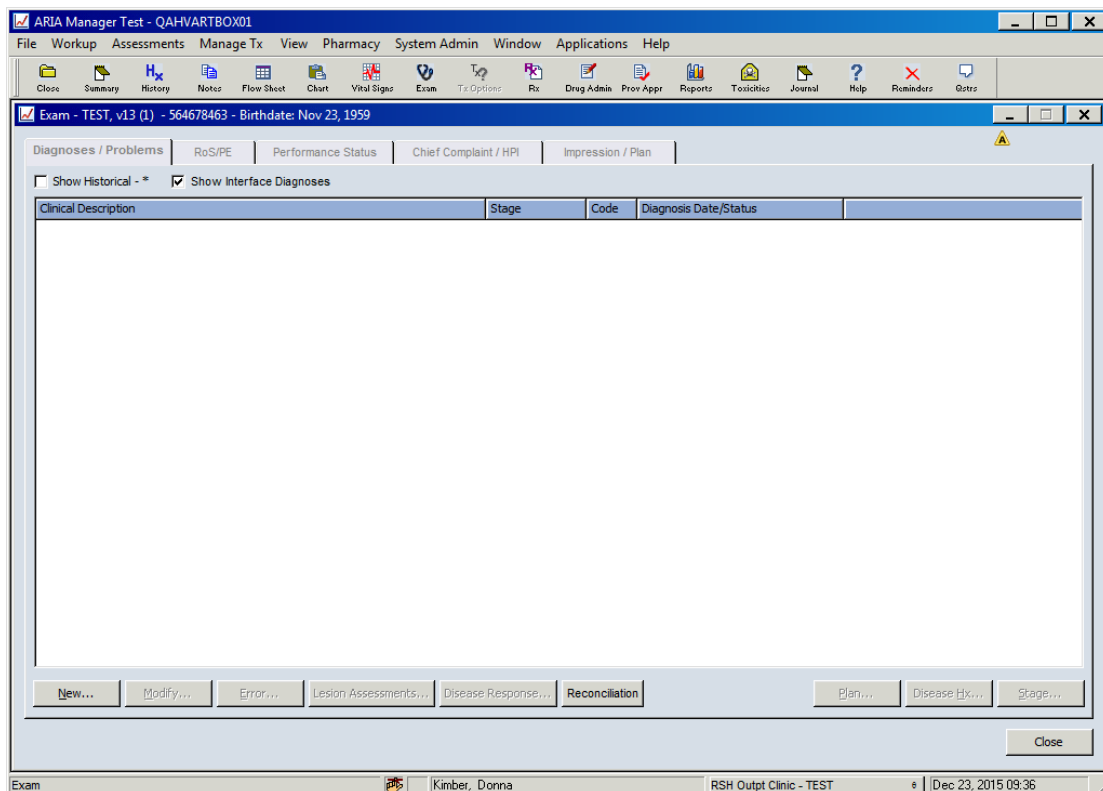
Ready Kimber, Donna RSH Outpt Clinic - TEST Dec 23, 2015 09:28

6 PATIENT EXAM

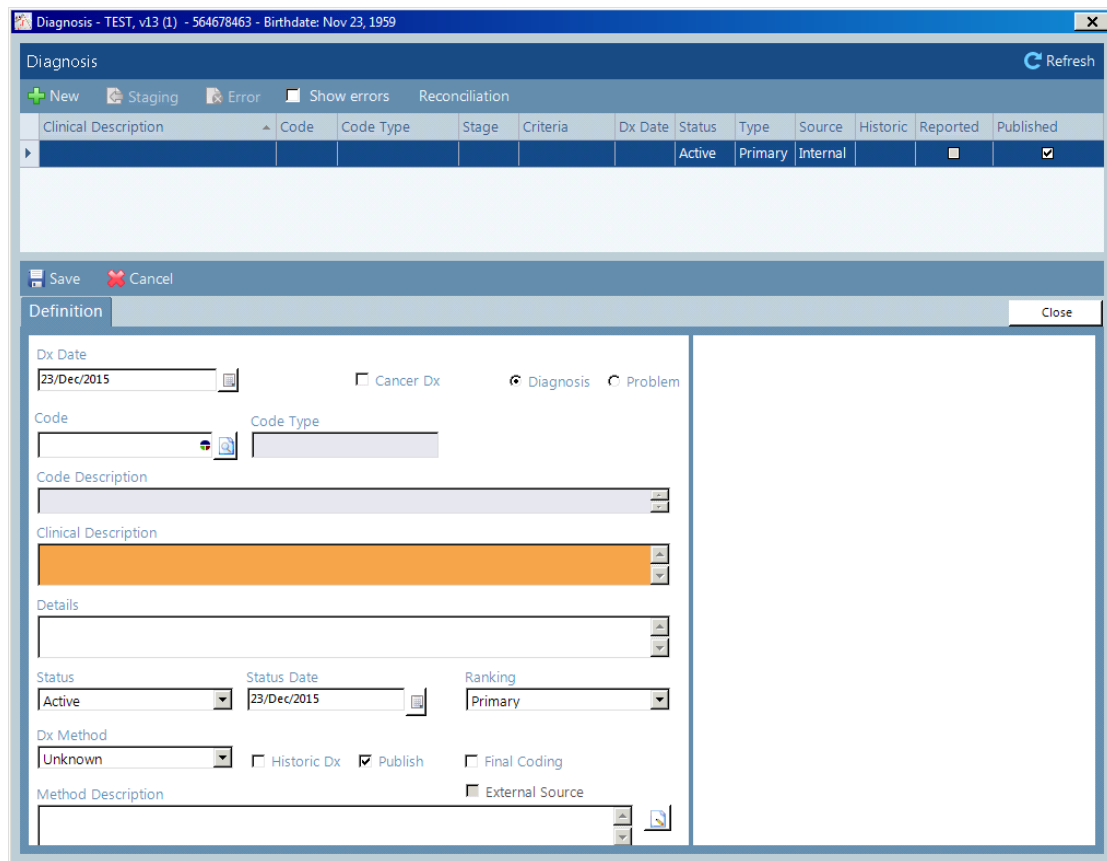
Once the patient has History updated the following step is to enter Exam.

Open the patient, from Open Patient window, you can change the Proceed To to **Exam** and then Exam window will open or if you Proceed To another window e.g. Patient History, the second Tool Bar will be highlighted and then select Exam (6th button from right), the following window will open.

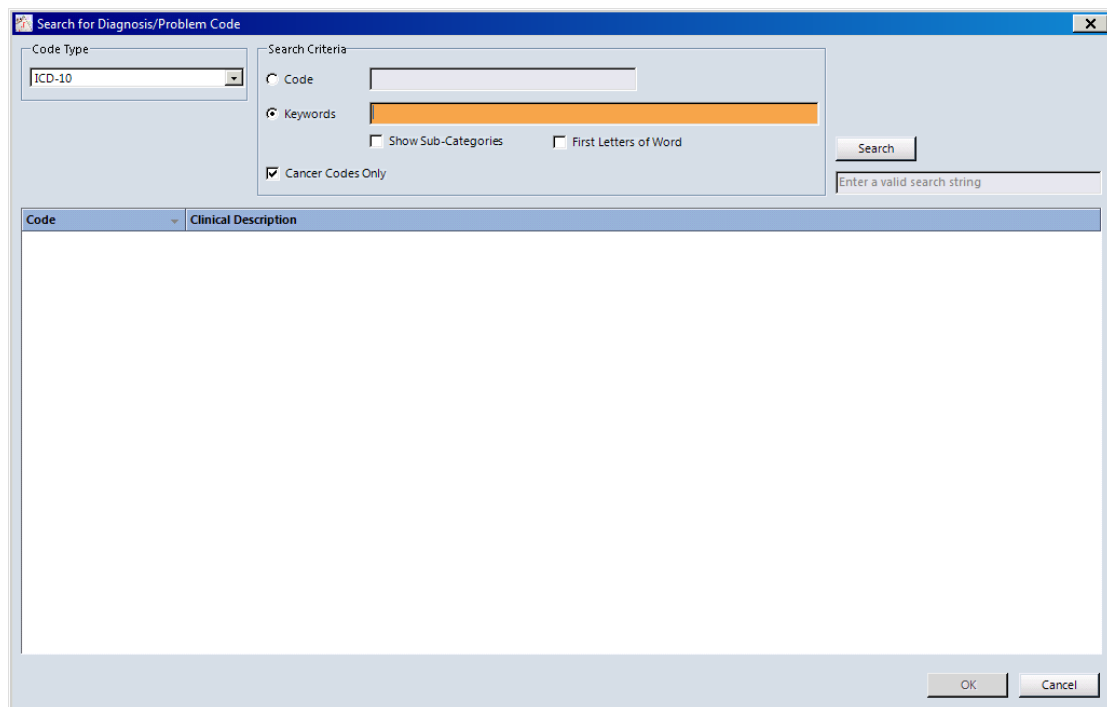
NB if you add Diagnosis/Problems via the History window you will not see the prompt for Performance Status, therefore it is recommended that you always use the Exam window when entering a diagnosis.



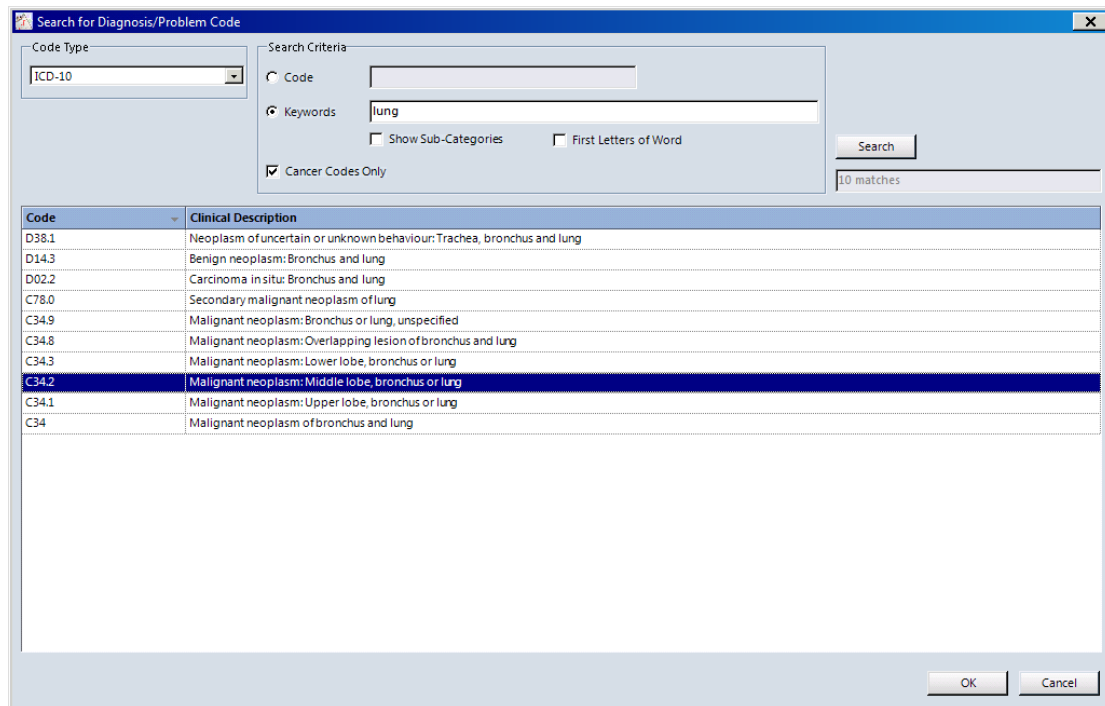
Click New..., the following window opens



In the Code section, click the magnifying glass on the right and the following window opens



This code type is ICD-10. In the search criteria select either Code or Key words, by selecting Keywords and typing lung the following appears



Code	Clinical Description
D38.1	Neoplasm of uncertain or unknown behaviour: Trachea, bronchus and lung
D14.3	Benign neoplasm: Bronchus and lung
D02.2	Carcinoma in situ: Bronchus and lung
C78.0	Secondary malignant neoplasm of lung
C34.9	Malignant neoplasm: Bronchus or lung, unspecified
C34.8	Malignant neoplasm: Overlapping lesion of bronchus and lung
C34.3	Malignant neoplasm: Lower lobe, bronchus or lung
C34.2	Malignant neoplasm: Middle lobe, bronchus or lung
C34.1	Malignant neoplasm: Upper lobe, bronchus or lung
C34	Malignant neoplasm of bronchus and lung

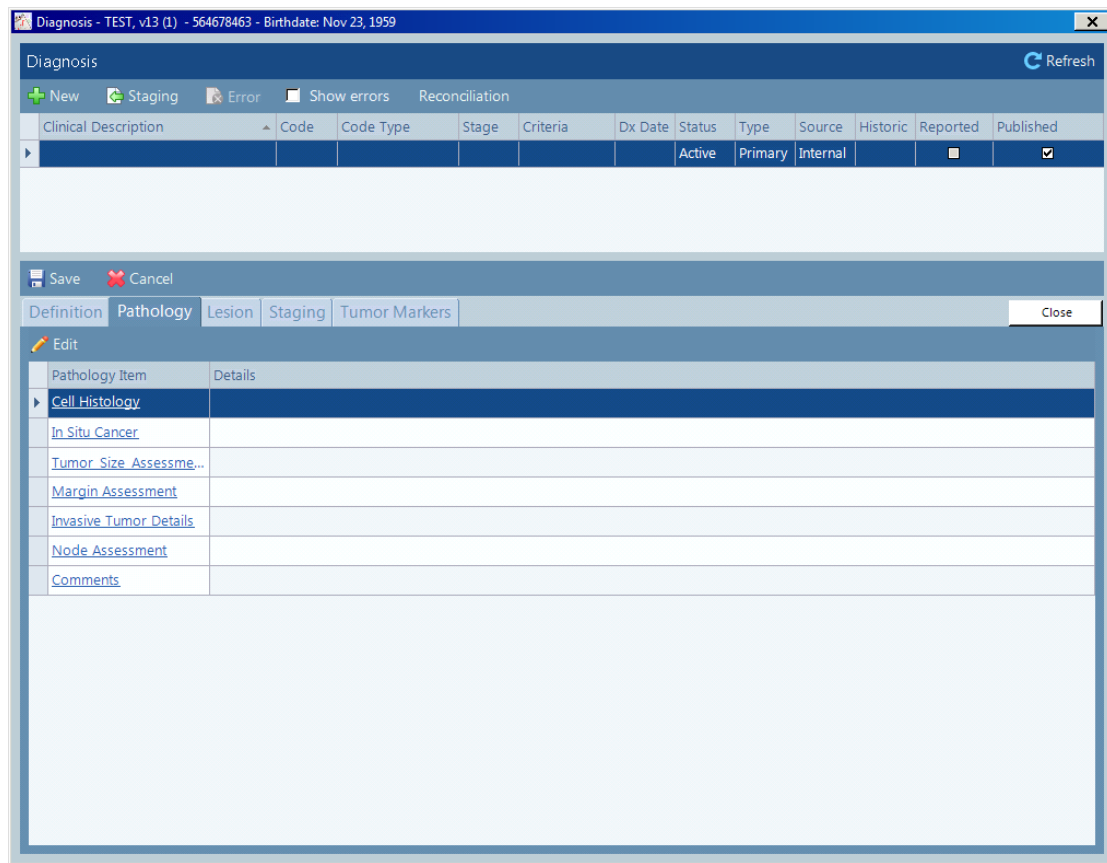
Select the correct Clinical Description eg C34.2 Malignant neoplasm of bronchus or lung, unspecified and the following appears

The Definition page has now opened, and any of the white boxes can now be updated.

There are also four other “tabs” now available

- **Pathology** – includes Cell Histology which is required to populate morphology in the SACT report
- **Lesions**
- **Staging** – required for SACT report
- **Tumour Markers**

Pathology – following window opens



Pathology Item Select Cell History (morphology for SACT) – following window opens to be updated

Cell Histology

Cell Category

Cell Type

Cell Grade

In Situ Cancer

In Situ Cancer

Tumor Size Assessment

Measurement

Largest Focus cm Multi-Focal

Margin Assessment

Status

Location

Invasive Tumor Details

Invasive Tumor

Type of Invasion	Present
Bone invasion	
Bronchial invasion	
Normal invasion	

OK Cancel

Cell Category – drop down menu

Cell Histology

Cell Category

Cell Type

Cell Grade

In Situ Cancer

In Situ Cancer

Tumor Size Assessment

Measurement

Largest Focus

Margin Assessment

Status

Location

Invasive Tumor Details

Invasive Tumor

Type of Invasion	Present
Bone invasion	
Bronchial invasion	
Normal invasion	

OK Cancel

Cell Type drop down will populate once cell category has been selected

Edit Pathology - TEST, v13 (1) - 564678463 - Birthdate: Nov 23, 1959

Pathology Item

- Cell Histology
- In Situ Cancer
- Tumor Size Assessment
- Margin Assessment
- Invasive Tumor Details
- Node Assessment
- Comments

Cell Histology

Cell Category: Adenocarcinoma

Cell Type: [dropdown]

Cell Grade: [dropdown]

In Situ Cancer

In Situ Cancer: [dropdown]

Tumor Size Assessment

Measurement: [dropdown]

Largest Focus: [dropdown]

Margin Assessment

Status: [dropdown]

Location: [dropdown]

Invasive Tumor Details

Invasive Tumor: [dropdown]

Type of Invasion

- Bone invasion
- Bronchial invasion
- Desmoplastic

OK Cancel

Cell Grade drop down

Edit Pathology - TEST, v13 (1) - 564678463 - Birthdate: Nov 23, 1959

Pathology Item

- Cell Histology
- In Situ Cancer
- Tumor Size Assessment
- Margin Assessment
- Invasive Tumor Details
- Node Assessment
- Comments

Cell Histology

Cell Category: Adenocarcinoma

Cell Type: Adenocarcinoma, NOS 8140/3

Cell Grade: [dropdown]

In Situ Cancer

In Situ Cancer: [dropdown]

Tumor Size Assessment

Measurement: [dropdown]

Largest Focus: [input] cm Multi-Focal: [dropdown]

Margin Assessment

Status: [dropdown]

Location: [dropdown]

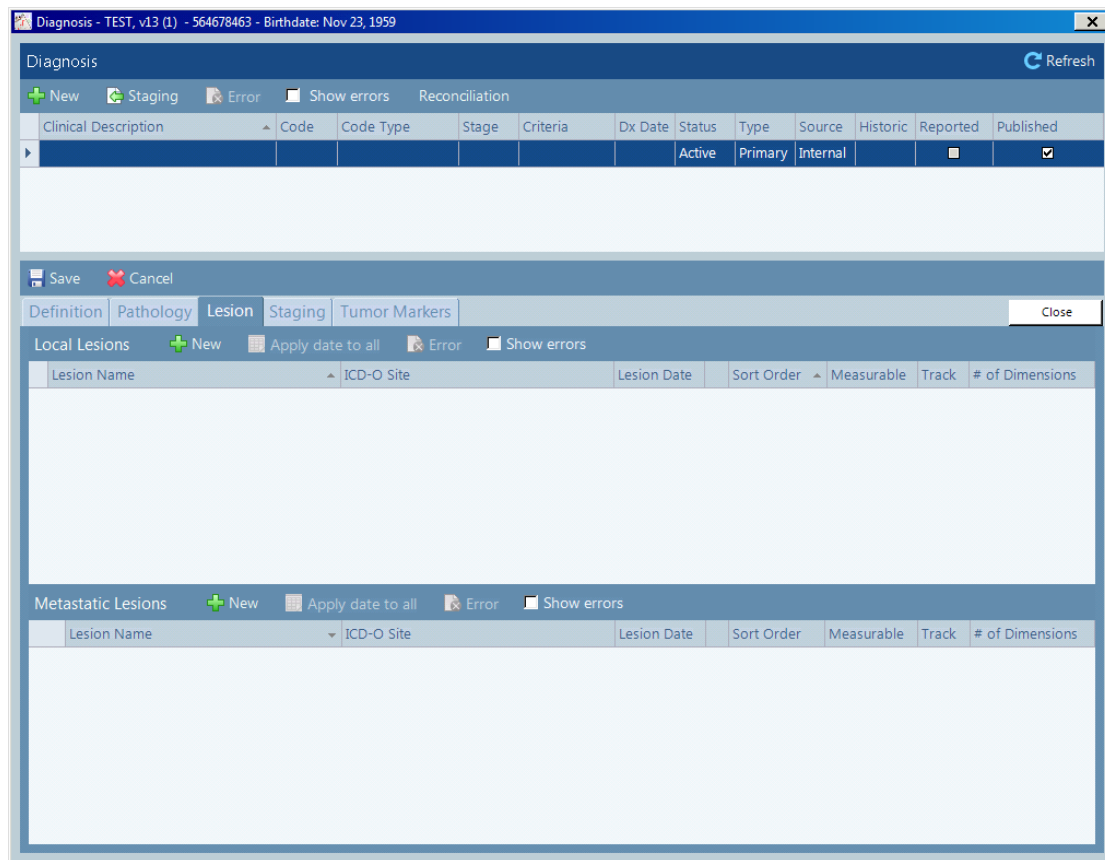
Invasive Tumor Details


Invasive Tumor: [dropdown]

Type of Invasion	Present
Bone invasion	
Bronchial invasion	
Desmoplastic	

OK Cancel

Lesions – open the following window



Click **New**  in either Local Lesions or Metastatic Lesions and the following window opens

Local –

Diagnosis - TEST, v13 (1) - 564678463 - Birthdate: Nov 23, 1959

Diagnosis Refresh

+ New Staging Error Show errors Reconciliation

Clinical Description	Code	Code Type	Stage	Criteria	Dx Date	Status	Type	Source	Historic	Reported	Published
						Active	Primary	Internal		<input type="checkbox"/>	<input checked="" type="checkbox"/>

Save Cancel

Definition Pathology **Lesion** Staging Tumor Markers Close

Local Lesions + New Apply date to all Error Show errors

Lesion Name	ICD-O Site	Lesion Date	Sort Order	Measurable	Track	# of Dimensions
Middle lobe, lung	Middle lobe, lung - C34.2	23/Dec/20...		<input checked="" type="checkbox"/>	<input type="checkbox"/>	2

Metastatic Lesions + New Apply date to all Error Show errors

Lesion Name	ICD-O Site	Lesion Date	Sort Order	Measurable	Track	# of Dimensions
-------------	------------	-------------	------------	------------	-------	-----------------

Metastatic –

Select Metastatic Lesions

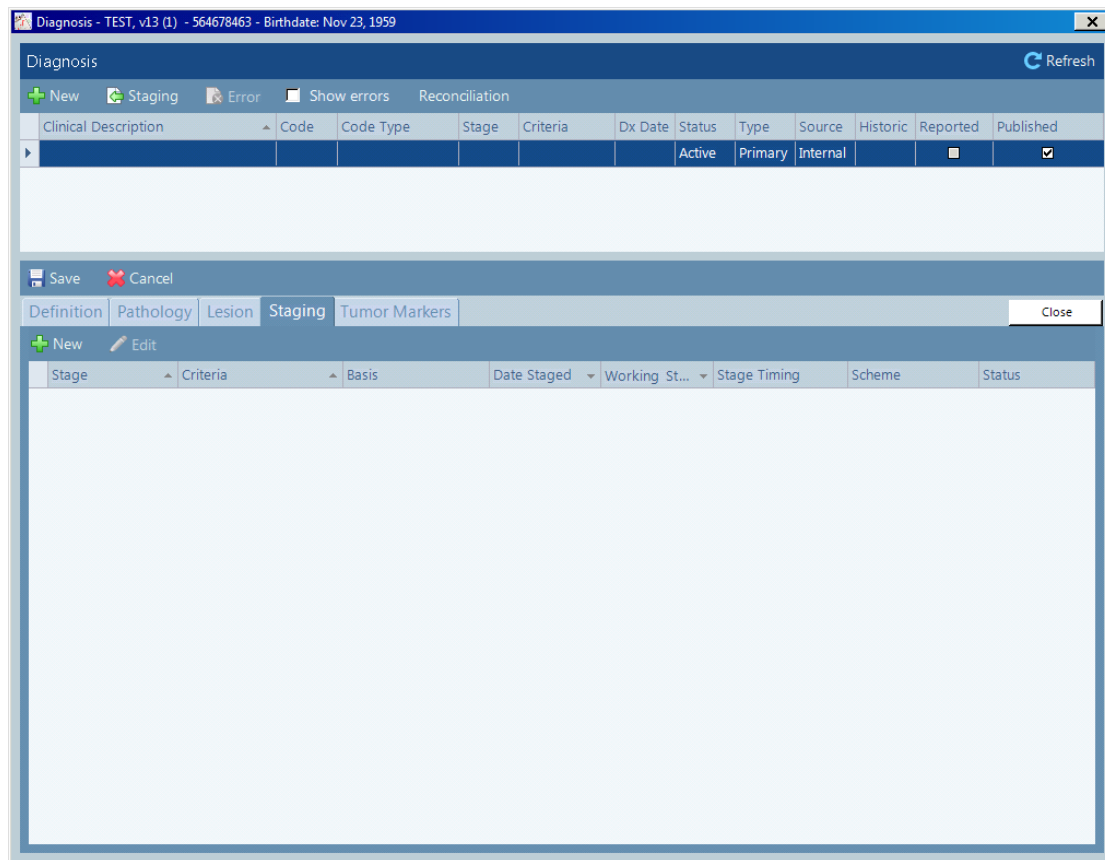
Primary Site: Lung


Metastatic Site: Adrenal Gland

ICD-10 Code	Clinical Description	ICD-O V3 Site	ICD-10 Code	Lesion Name	Clinical Description	ICD-O V3 Site	Lesion Date
C79.7	Secondary malignant neopl...	< Undefined >					
C79.7	Secondary malignant neopl...	Adrenal gland, NOS - C74.9					
C79.7	Secondary malignant neopl...	Adrenal, NOS - C74.9					
C79.7	Secondary malignant neopl...	Cortex of adrenal gland -...					
C79.7	Secondary malignant neopl...	Medulla of adrenal gland...					
C79.7	Secondary malignant neopl...	Suprarenal gland - C74.9					

OK Cancel

Staging – opens the following window



Click New  (left of screen), some disease site staging will also have G (grade), **all** Criteria must to be completed to give Stage of the disease

Cancer Staging - TEST, v13 (1) - 564678463 - Birthdate: Nov 23, 1959

Stage	Criteria	Basis	Date Staged	Working Sta...	Stage Timing	Scheme	Status	New
Stage X		Pathologic		<input checked="" type="checkbox"/>		AJCC 7th Ed.	Pending	

Details for C34.2 Malignant neoplasm: Middle lobe, bronchus or lung

Dx Site: Lung Scheme: AJCC 7th Ed. Stage: Stage X Date Staged: Working Stage:

Criteria	Criteria Code	Classification Definition
T	PRIMARY TUMOR (T)	
N	<input type="checkbox"/> TX	Primary tumor cannot be assessed, or tumor proven by the presence of malignant cells in sputum or bronchial washings but not visualized by imaging or bronchoscopy
M	<input type="checkbox"/> T0	No evidence of primary tumor
	<input type="checkbox"/> Tis	Carcinoma in situ
	<input type="checkbox"/> T1	Tumor <= 3 cm in greatest dimension, surrounded by lung or visceral pleura, without bronchoscopic evidence of invasion more proximal than the lobar bronchus (i.e., not in the main bronchus)
	<input type="checkbox"/> T1a	Tumor <= 2 cm in greatest dimension
	<input type="checkbox"/> T1b	Tumor > 2 cm but <= 3 cm in greatest dimension
	<input type="checkbox"/> T2	Tumor > 3 cm but <= 7 cm or tumor with any of the following features (T2 tumors with these features are classified T2a if <= 5 cm): Involves main bronchus, 2 cm or more distal to the carina; Invades visceral pleura (PL1 or PL2); Associated with atelectasis or obstructive pneumonitis that extends to the hilar region but does not involve the entire lung
	<input type="checkbox"/> T2a	Tumor > 3 cm but <= 5 cm in greatest dimension
	<input type="checkbox"/> T2b	Tumor > 5 cm but <= 7 cm in greatest dimension
	<input type="checkbox"/> T3	Tumor > 7 cm or one that directly invades any of the following: parietal pleural (PL3) chest wall (including superior sulcus tumors), diaphragm, phrenic nerve, mediastinal pleura, parietal pericardium; or tumor in the main bronchus (< 2 cm distal to the carina)

Staging Matrix Approve OK Cancel

Select Tumour eg T1 and add a date into the Date Staged box

Cancer Staging - TEST, v13 (1) - 564678463 - Birthdate: Nov 23, 1959

Stage	Criteria	Basis	Date Staged	Working Sta...	Stage Timing	Scheme	Status	New
Stage X	T1	Pathologic	22/Dec/2015	<input checked="" type="checkbox"/>		AJCC 7th Ed.	Pending	

Details for C34.2 Malignant neoplasm: Middle lobe, bronchus or lung

Dx Site: Lung Scheme: AJCC 7th Ed. Stage: Stage X Date Staged: 22/Dec/2015 Working Stage:

Criteria	Criteria Code	Classification Definition
T	PRIMARY TUMOR (T)	
N	<input type="checkbox"/> TX	Primary tumor cannot be assessed, or tumor proven by the presence of malignant cells in sputum or bronchial washings but not visualized by imaging or bronchoscopy
M	<input type="checkbox"/> T0	No evidence of primary tumor
	<input type="checkbox"/> Tis	Carcinoma in situ
	<input checked="" type="checkbox"/> T1	Tumor <= 3 cm in greatest dimension, surrounded by lung or visceral pleura, without bronchoscopic evidence of invasion more proximal than the lobar bronchus (i.e., not in the main bronchus)
	<input type="checkbox"/> T1a	Tumor <= 2 cm in greatest dimension
	<input type="checkbox"/> T1b	Tumor > 2 cm but <= 3 cm in greatest dimension
	<input type="checkbox"/> T2	Tumor > 3 cm but <= 7 cm or tumor with any of the following features (T2 tumors with these features are classified T2a if <= 5 cm): Involves main bronchus, 2 cm or more distal to the carina; Invades visceral pleura (PL1 or PL2); Associated with atelectasis or obstructive pneumonitis that extends to the hilar region but does not involve the entire lung
	<input type="checkbox"/> T2a	Tumor > 3 cm but <= 5 cm in greatest dimension
	<input type="checkbox"/> T2b	Tumor > 5 cm but <= 7 cm in greatest dimension
	<input type="checkbox"/> T3	Tumor > 7 cm or one that directly invades any of the following: parietal pleural (PL3) chest wall (including superior sulcus tumors), diaphragm, phrenic nerve, mediastinal pleura, parietal pericardium; or tumor in the main bronchus (< 2 cm distal to the carina)

Staging Matrix Approve OK Cancel

To get a complete staging also enter assessments for both nodes and metastasis; ensure a date is entered into the Date Staged box.

Nodes

Cancer Staging - TEST, v13 (1) - 564678463 - Birthdate: Nov 23, 1959

Stage	Criteria	Basis	Date Staged	Working Sta...	Stage Timing	Scheme	Status	New
Stage X	T1, N0	Pathologic	22/Dec/2015	<input checked="" type="checkbox"/>		AJCC 7th Ed.	Pending	

Details for C34.2 Malignant neoplasm: Middle lobe, bronchus or lung

Dx Site: Lung Scheme: AJCC 7th Ed. Stage: Stage X Date Staged: 22/Dec/2015 Working Stage:

Criteria	Criteria Code	Classification Definition
T	T1	
N	N0	
M		
- Lymph Nodes (N)		
	<input type="checkbox"/> NX	Regional lymph nodes cannot be assessed
	<input checked="" type="checkbox"/> N0	No regional lymph node metastasis
	<input type="checkbox"/> N1	Metastasis to ipsilateral peribronchial and / or ipsilateral hilar lymph nodes, and intrapulmonary nodes including involvement by direct extension of the primary tumor
	<input type="checkbox"/> N2	Metastasis to ipsilateral mediastinal and / or subcarinal lymph node(s)
	<input type="checkbox"/> N3	Metastasis to contralateral mediastinal, contralateral hilar, ipsilateral or contralateral scalene or supraclavicular lymph node(s)

Staging Matrix Approve OK Cancel

Metastasis

Cancer Staging - TEST, v13 (1) - 564678463 - Birthdate: Nov 23, 1959

Stage	Criteria	Basis	Date Staged	Working Sta...	Stage Timing	Scheme	Status	New
Stage IA	T1, N0, M0	Pathologic	22/Dec/2015	<input checked="" type="checkbox"/>		AJCC 7th Ed.	Pending	

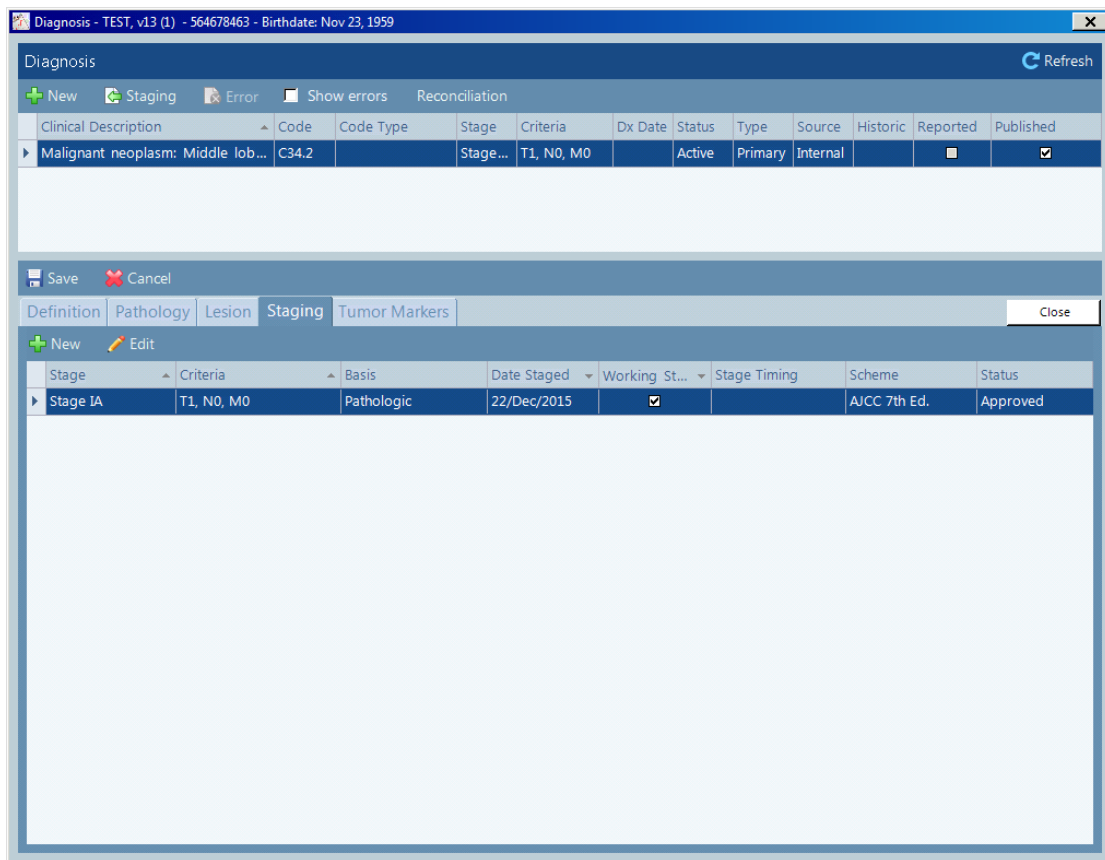
Details for C34.2 Malignant neoplasm: Middle lobe, bronchus or lung


Dx Site: Lung Scheme: AJCC 7th Ed. Stage: Stage IA Date Staged: 22/Dec/2015 Working Stage:

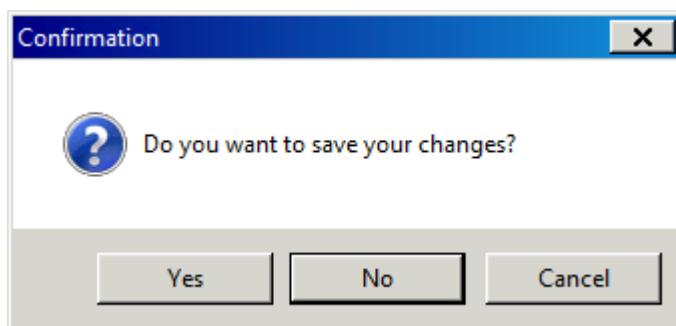
Criteria	Criteria Code	Classification Definition
T	T1	
N	N0	
M	M0	
- METASTASIS (M)		
	<input type="checkbox"/> MX	Distant metastasis cannot be assessed
	<input checked="" type="checkbox"/> M0	No distant metastasis
	<input type="checkbox"/> M1	Distant metastasis
	<input type="checkbox"/> M1a	Separate tumor nodule(s) in a contralateral lobe; tumor with pleural nodules or malignant pleural (or pericardial) effusion
	<input type="checkbox"/> M1b	Distant metastasis (in extrathoracic organs)

Staging Matrix Approve OK Cancel

Click Approve and the information now appears as follows



Click Save  (left of screen). If you click Close you will be asked if you want to save changes as well.



Diagnosis - TEST, v13 (1) - 564678463 - Birthdate: Nov 23, 1959

Diagnosis Refresh

New Staging Error Show errors Reconciliation

Clinical Description	Code	Code Type	Stage	Criteria	Dx Date	Status	Type	Source	Historic	Reported	Published
Malignant neoplasm: Middle lob...	C34.2	ICD-10	Stage...	T1, N0, M0	23/De...	Active	Primary	Internal		<input type="checkbox"/>	<input checked="" type="checkbox"/>

Save Cancel

Definition Pathology Lesion Staging Tumor Markers Close

Dx Date: 23/Dec/2015

Cancer Dx Diagnosis Problem

Code: C34.2 Code Type: ICD-10

Code Description: Malignant neoplasm: Middle lobe, bronchus or lung

Clinical Description: Malignant neoplasm: Middle lobe, bronchus or lung

Details:

Status: Active Status Date: 23/Dec/2015 Ranking: Primary

Dx Method: Unknown Historic Dx Publish Final Coding External Source

Method Description:

Dx Category: Thoracic Dx Site: Lung

ICD-O Version: ICD-O V3 ICD-O Site: Middle lobe, lung - C34.2

Cancer Behavior: Malignant, primary site

Laterality: N/A

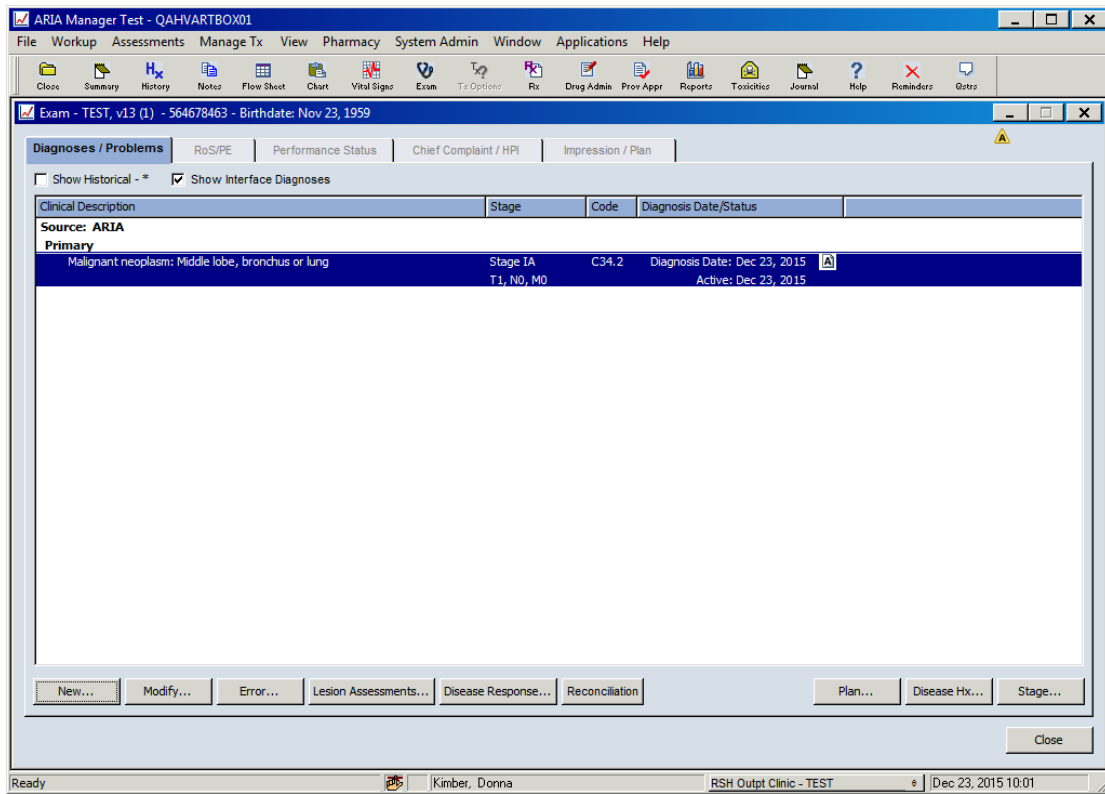
Primary Dx:

Primary Site:

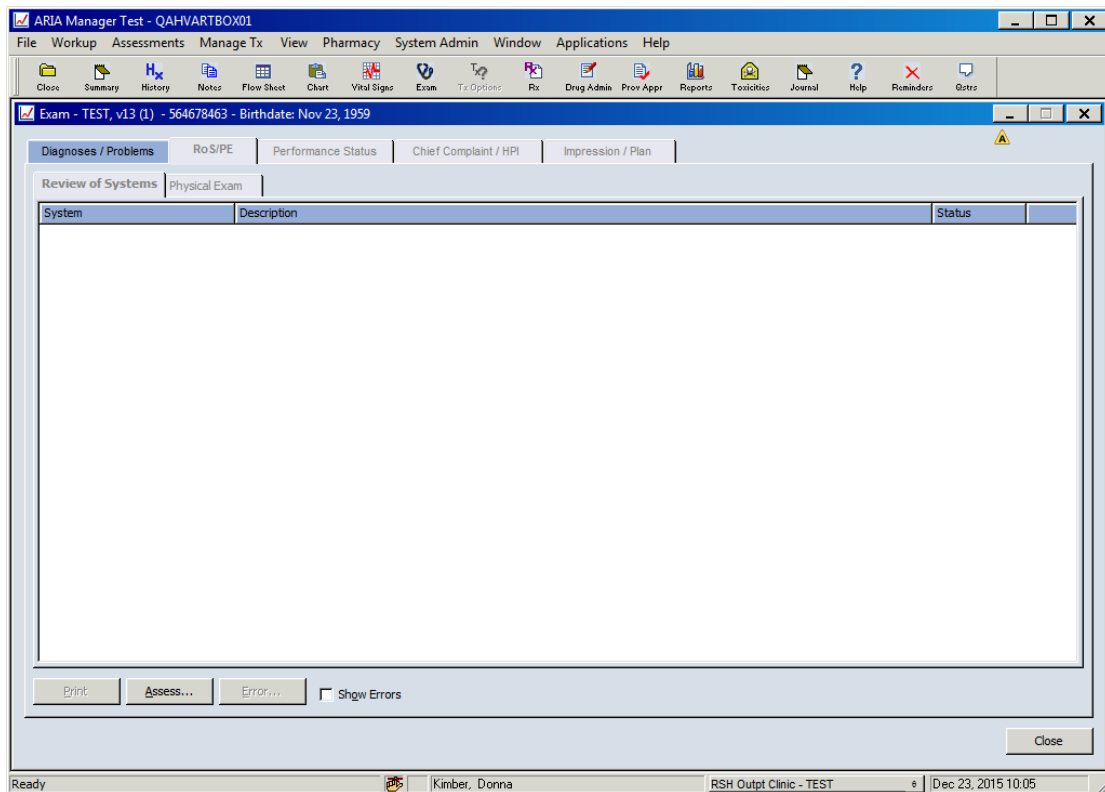
Distant Mets:

Recurrence:

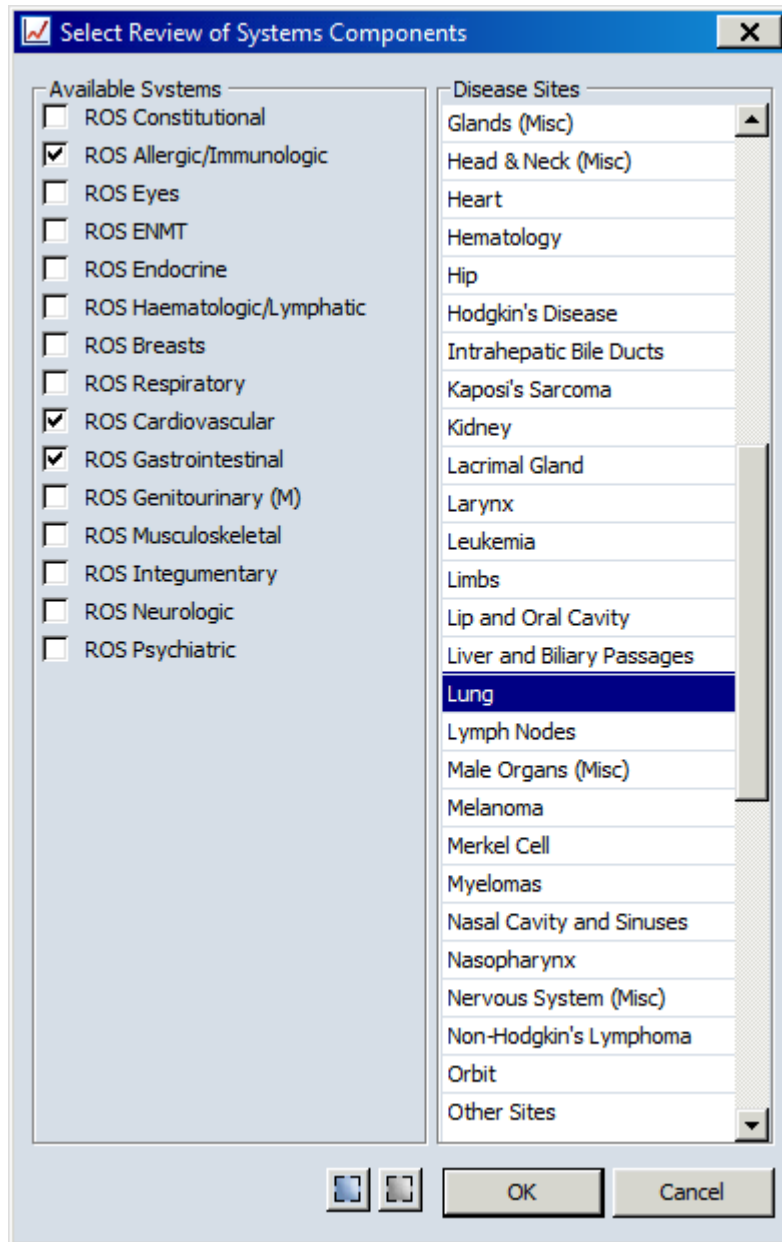
Click Close (right of screen) and the information appears on the Diagnosis / Problems window



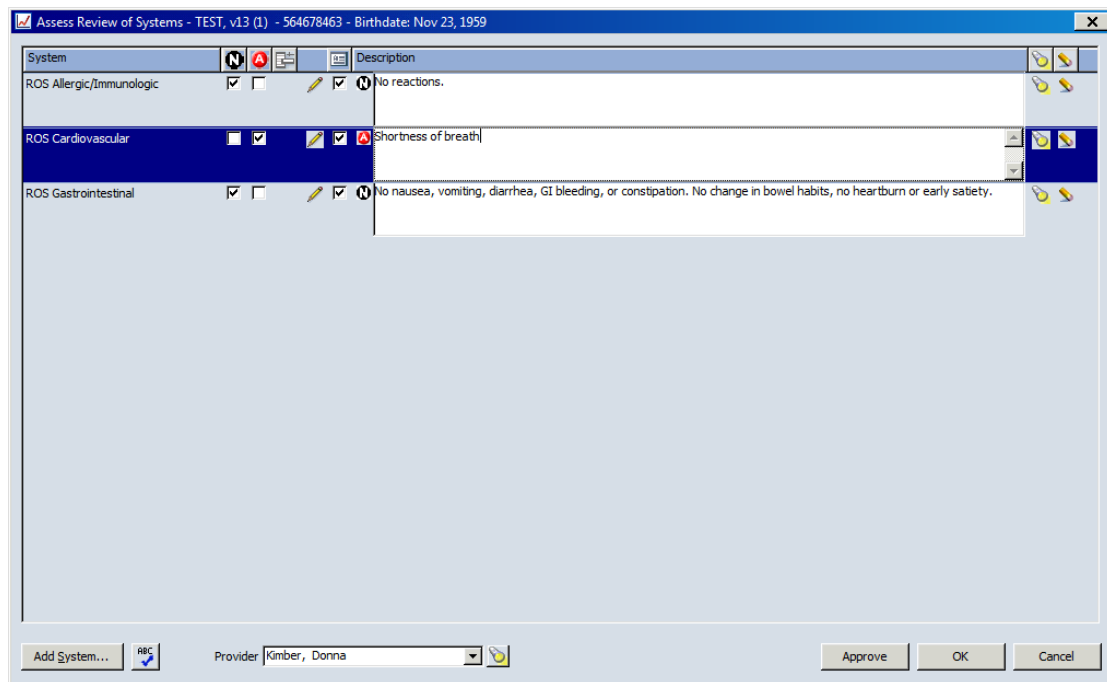
RoS/PE – Review of Symptoms/Physical Exam – review of symptoms window opens



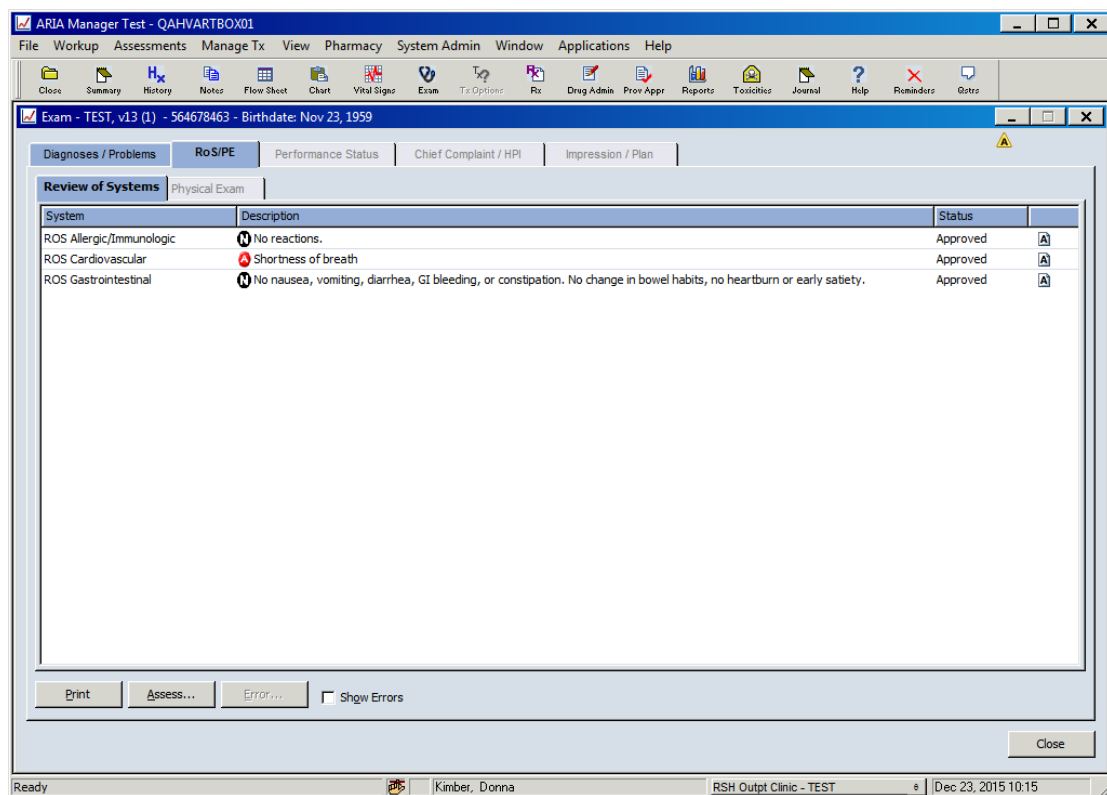
Click Assess and the following window opens



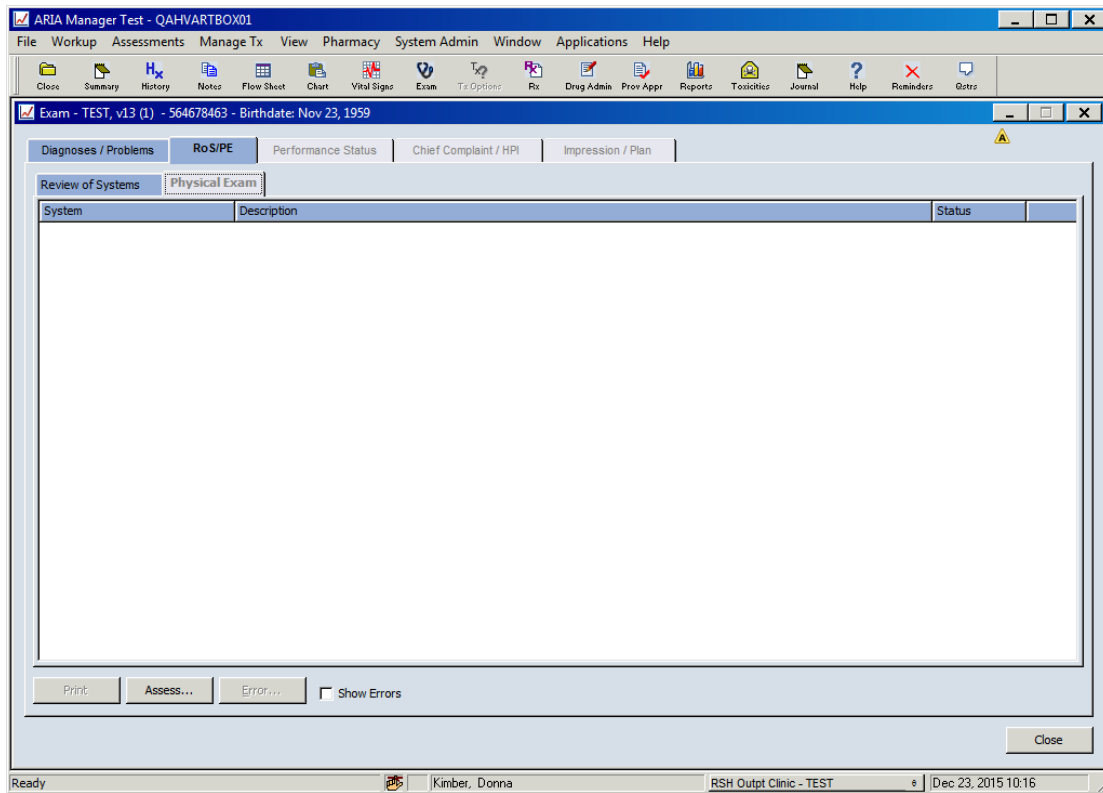
Select system(s) and disease site(s), click OK. It is advisable to tick all as normal and then only tick Abnormal to those that apply, as below



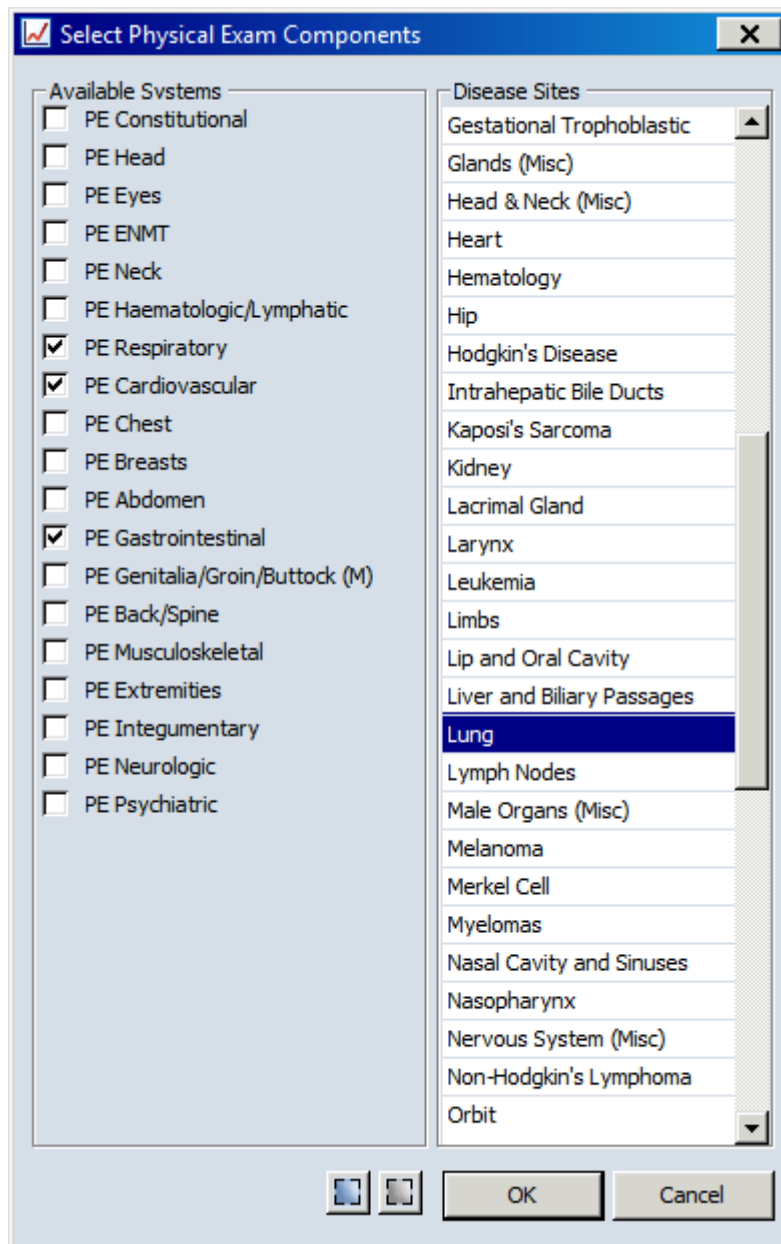
Click Approve and the following appears on the ROS/PE window. You will see that the abnormal symptom appears with a red A.



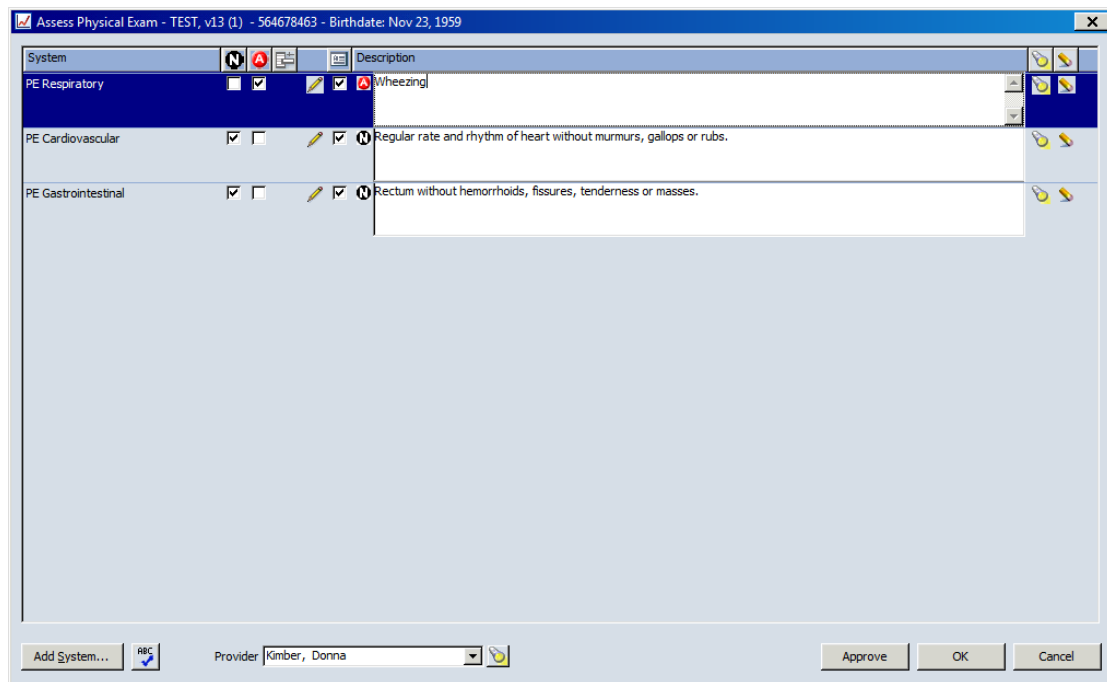
Physical Exam – following window opens



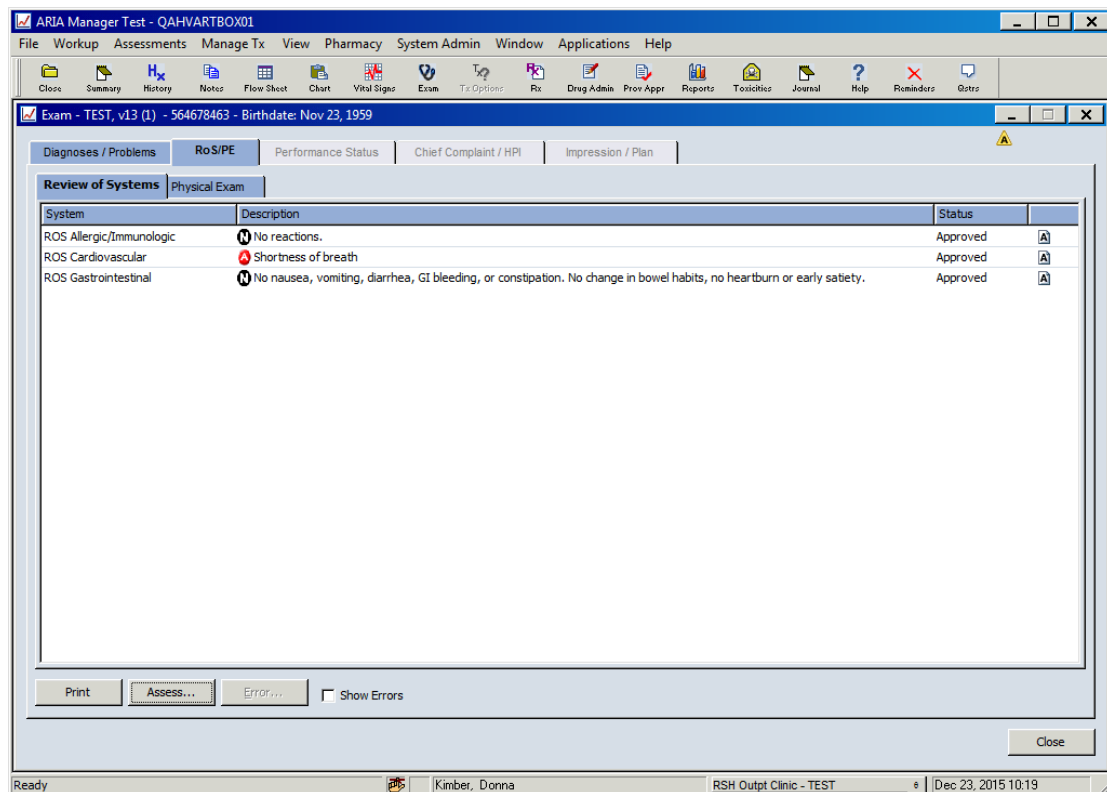
Click Assess and the following window opens



Select system(s) and disease site(s), click OK. It is advisable to tick all as normal and then only tick Abnormal to those that apply, as below

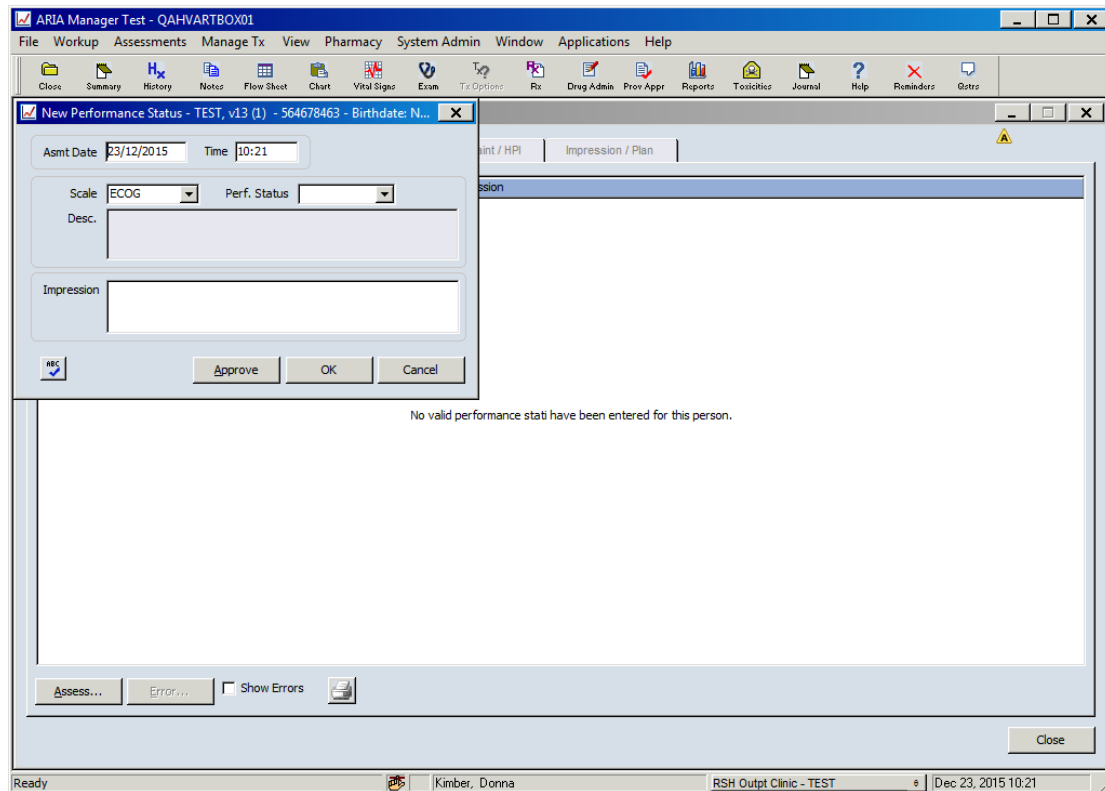


Click Approve and the following appear in the Physical Exam window, again showing any abnormal PE with a red circle.

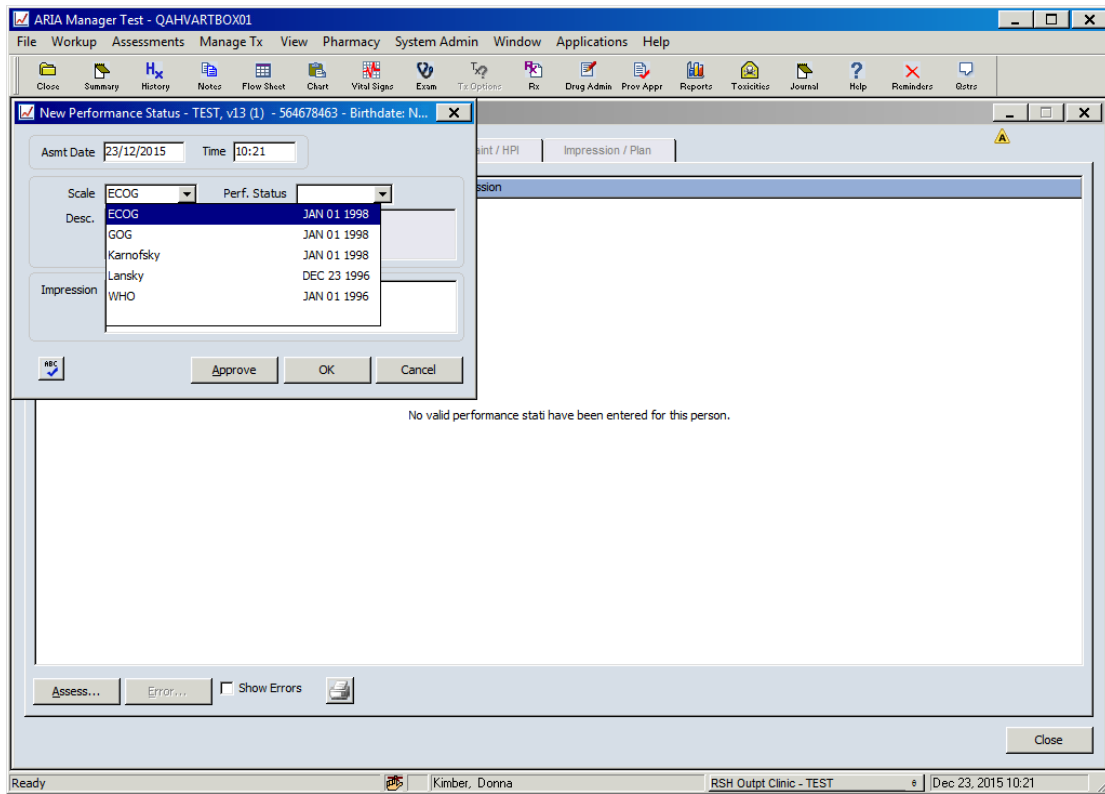


NB: Both RoS/Physical Exam list can be customised by each Provider to show a shorter list if required. This is carried out in Manager (System Admin-Provider/RoS Exam Defaults – select the Provider then Sites)

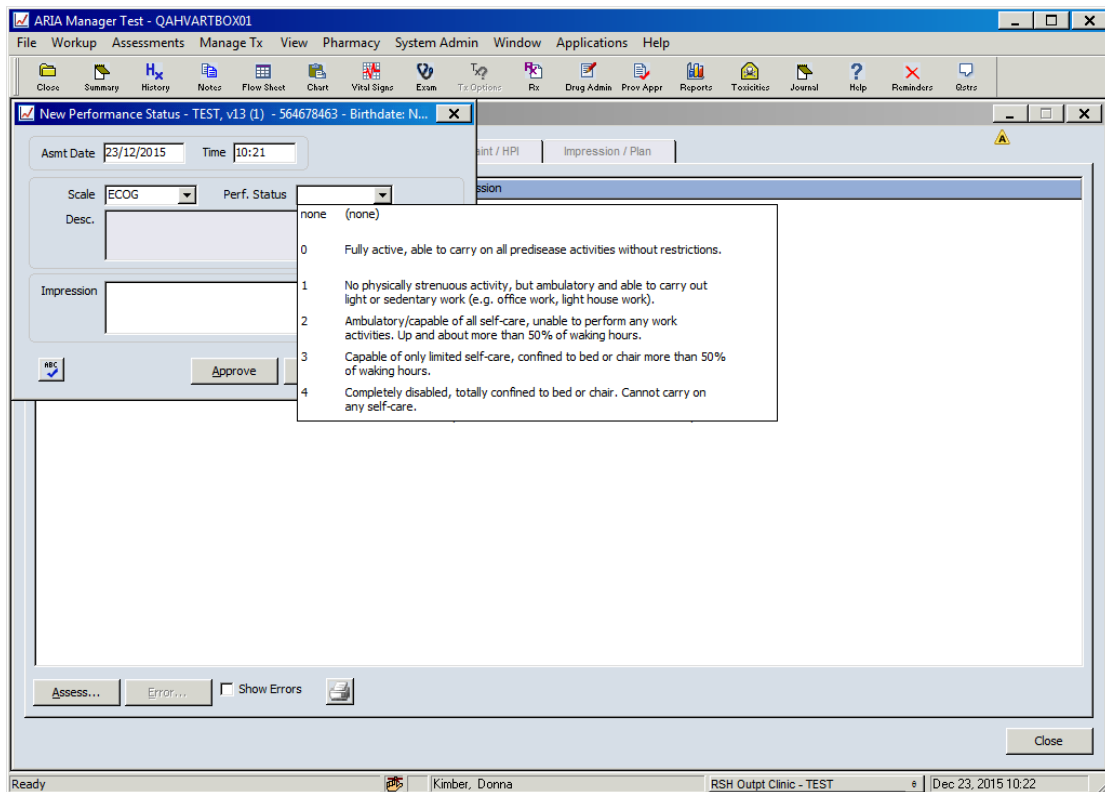
Performance Status – the following window will appear



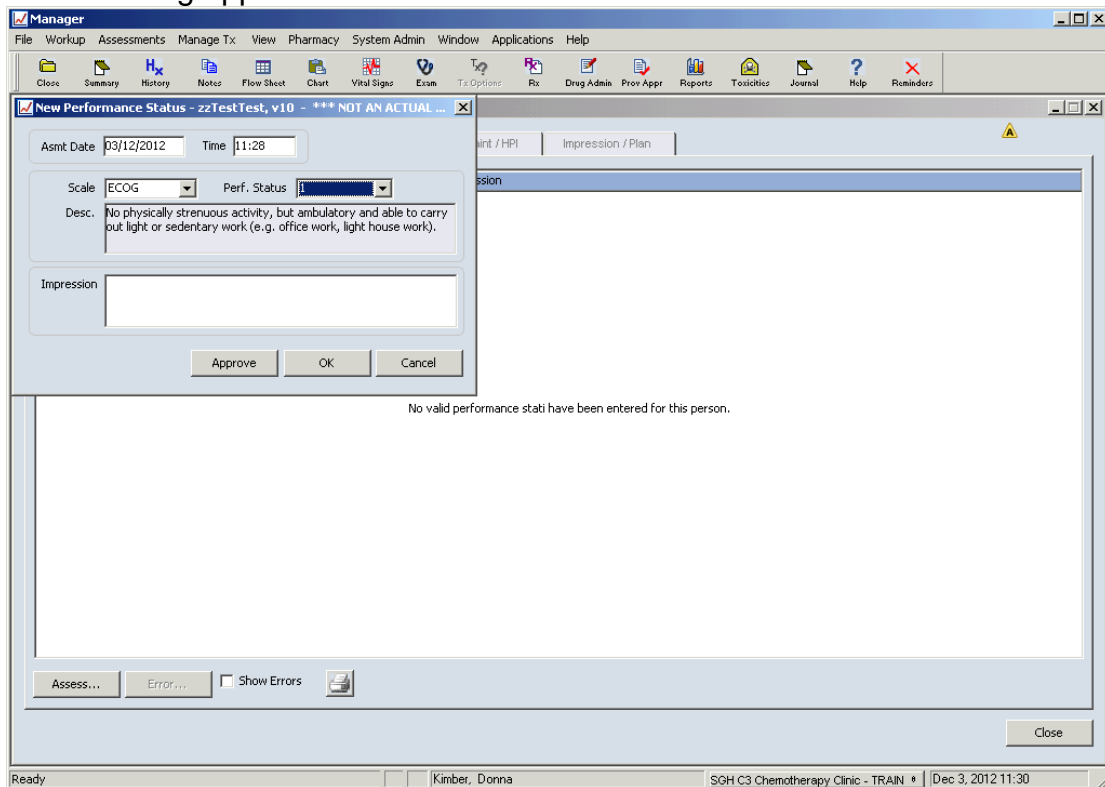
Select Scale from drop down



Select Performance Status from drop down



The following appears



Click Approve and the information now appears on the Performance Status window

The screenshot displays the ARIA Manager Test application window. The title bar reads "ARIA Manager Test - QAHVARTBOX01". The menu bar includes "File", "Workup", "Assessments", "Manage Tx", "View", "Pharmacy", "System Admin", "Window", "Applications", and "Help". The toolbar contains various icons for actions like Close, Summary, History, Notes, Flow Sheet, Chart, Vital Signs, Exam, Tx Options, Rx, Drug Admin, Prov Appr, Reports, Toxicities, Journal, Help, Reminders, and Qstrs.

The main window title is "Exam - TEST, v13 (1) - 564678463 - Birthdate: Nov 23, 1959". It features several tabs: "Diagnoses / Problems", "RoS/PE", "Performance Status" (selected), "Chief Complaint / HPI", and "Impression / Plan".

The "Performance Status" tab contains a table with the following data:

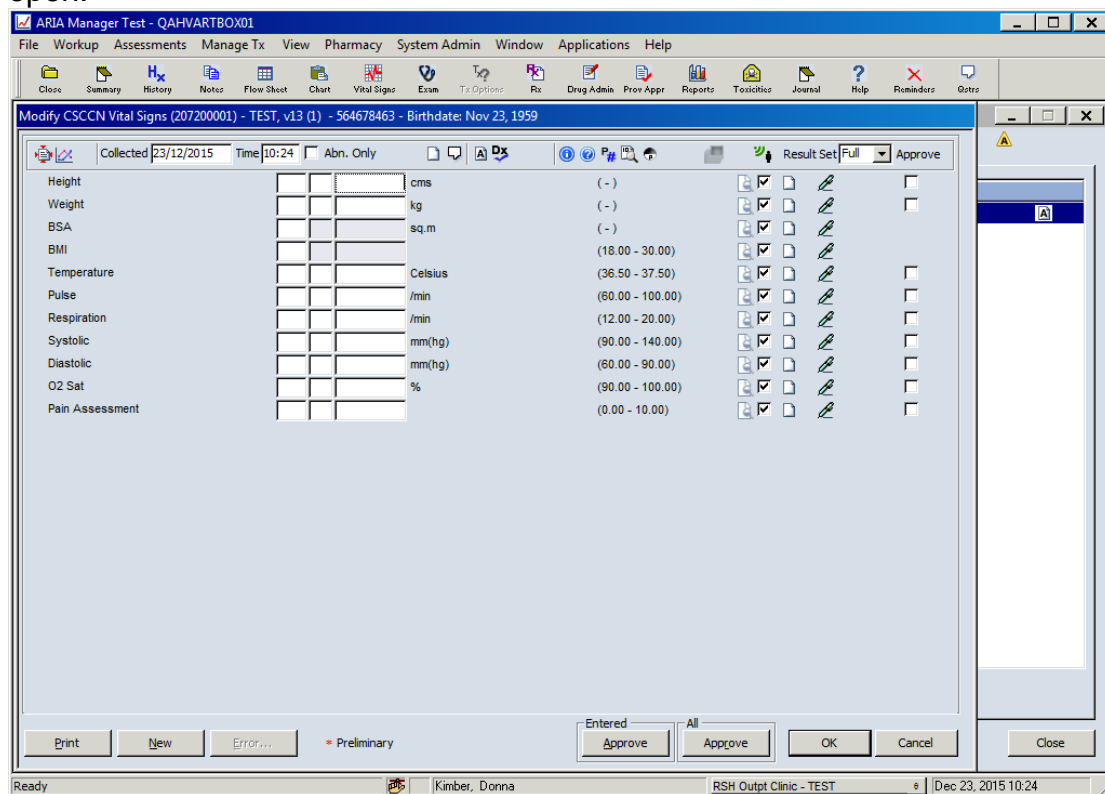
Assessment	Assessment Date	Assessment Time	Method	Status	Impression
1	Dec 23, 2015	10:21	ECOG	Approved	

At the bottom of the window, there are buttons for "Assess...", "Error...", "Show Errors" (with a checkbox), and a "Close" button. The status bar at the very bottom shows "Ready", the user "Kimber, Donna", the application "RSH Outpt Clinic - TEST", and the date/time "Dec 23, 2015 10:22".

7 PATIENT VITAL SIGNS

Once Exam has been completed the next step is Vital Signs.

In 'Open Patient Window' click to Open a highlighted patient, the second Tool Bar will then be available and click on Vital Signs, the following window will open.



Enter the information; ALWAYS enter height and weight to calculate the BSA required to calculate drug doses. If a result is entered that is outside of the range set (see values in brackets) then alerts will be show;

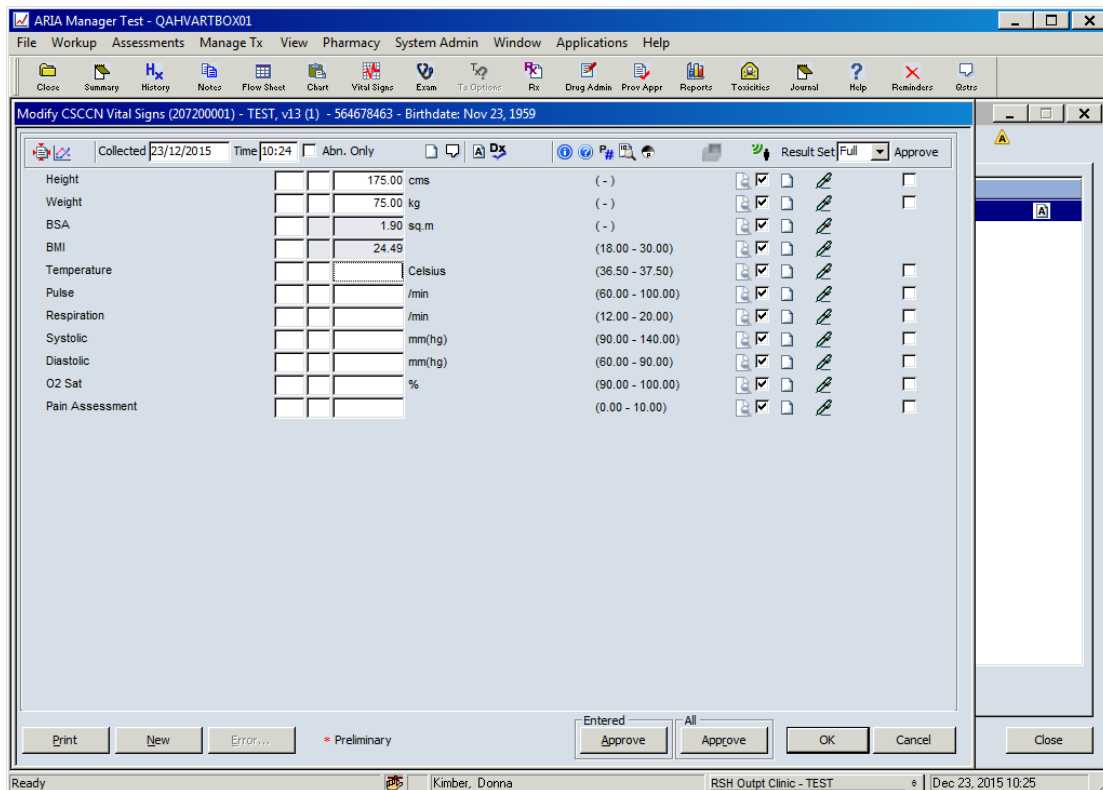
H = high value

L = low value

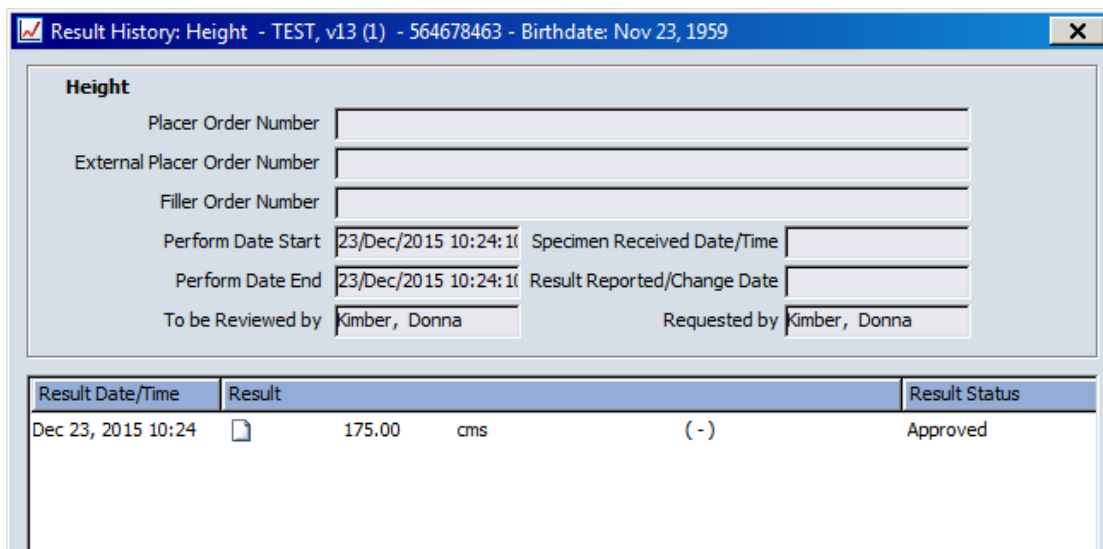
LL = very low value

Alarm bell icon – can view extra information by clicking on it

See window below



By clicking on the “pen” icon to the right of each line you can view Result History (selected from the drop down menu)



Results can also be viewed in the Flow Sheet (click icon in second row)

Vital Signs		Vital Signs	
Height	175.00	Height	
Weight	75.00	Weight	
BSA	1.90	BSA	
BMI	24.49	BMI	

Performance Status		Performance Status	
ECOG	1	ECOG	

If you right click on any of the results you can also View Details eg BMI shows

Result	Unit	Date Collected	Normals	Range
24.49		Dec 23 2015 10:24:10	(18.00/30.00)	

Notes

Group Comment

Close

You can also see the doses of each drug administered and the toxicities recorded.

NB Each drug has to be administered in the Drug Admin window to appear in the Flow Sheet Dose Recordings, therefore it is important that nurses do complete the drug administration.

The screenshot displays the ARIA Manager Test software interface. The main window is titled "Flow Sheet - TEST, v13 (3) - - Birthdate: Nov 26, 1961 *** NOT AN ACTUAL PATIENT ***". The interface is divided into several sections:

- Chemistry:**

Creatinine	80.00
Creatinine Cl (Est)	86.18
- Vital Signs:**

Height	165.00
Weight	71.00
BSA	1.78
BMI	26.08
- Dose Recordings:**

ONDANSETRON	8
-------------	---

The right-hand side of the interface contains a "View/Date Range" panel with a dropdown menu set to "All Days with Data", date fields for "Date" (25/01/2015) and "To" (25/01/2016), and buttons for "Choose Data...", "Edit...", "Save As", "Print", and "Refresh". The status bar at the bottom indicates the user is "Kimber, Donna" and the system is "SGH C3 Chemotherapy Clinic - TEST" on "Jan 25, 2016 16:36".

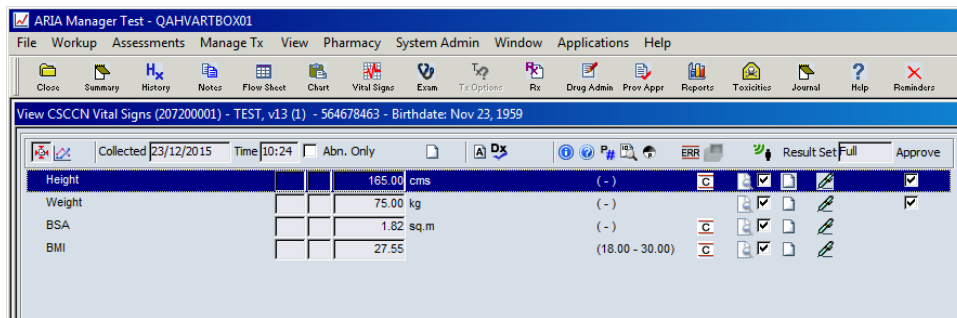
With a pathology interface you will also be able to view results in this window.

Visit Date	Oct 18/15 Open Chart	Oct 20/15 Open Chart	Oct 21/15 Open Chart	Oct 22/15 Open Chart	Oct 23/15 Open Chart	Oct 29/15 Visit	Nov 05/15 Open Chart	Nov 11/15 Visit	Nov 26/15 Visit	Dec 03/15 Open Chart
FBC										
Hb	115.00	120.00	108.00	115.00	115.00	109.00	110.00	114.00	117.00	124.00
WBC	6.40	6.10	5.80	6.00	7.20	9.50	7.20	7.20	6.70	7.00
Platelets	213.00	345.00	297.00	347.00	408.00	517.00	483.00	343.00	358.00	300.00
Neutrophils	4.50	4.30	3.90	3.90	4.80	6.90	4.60	4.80	4.30	4.90
Lymphocytes	0.80	0.70	0.80	0.70	0.80	0.90	0.90	0.80	0.70	0.70
Monocytes	0.70	0.60	0.60	0.80	1.00	1.00	0.90	0.80	0.80	0.80
Eosinophils	0.50	0.50	0.50	0.50	0.60	0.60	0.60	0.70	0.50	0.50
Basophils	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
RBC	4.16	4.36	3.94	4.28	4.28	3.90	4.11	4.09	4.42	4.62
PCV	0.352	0.351	0.331	0.344	0.355	0.328	0.341	0.34	0.389	0.384
MCV	84.60	80.50	84.00	80.40	83.30	83.60	83.00	83.10	83.50	85.30
MCH	27.60	27.50	27.40	28.90	27.00	27.90	28.60	27.90	28.50	28.80
MCHC										
FBC Comment			Suggest R...							
Chemistry										
Sodium	139.00	139.00	...	138.00	138.00	137.00	140.00	138.00	138.00	138.00
Potassium	4.10	4.90	...	4.60	4.60	4.80	4.30	4.20	4.50	4.60
Urea	6.00	6.60	...	7.50	7.50	8.00	10.00	8.80	8.60	8.90
Creatinine	90.00	97.00	...	85.00	85.00	85.00	101.00	97.00	98.00	101.00
Creatinine Cl (Est)	...	...	...	...	...	...	...	...	...	...
eGFR										
Protein, Total	70.00	71.00	...	68.00	65.00	67.00	71.00	68.00	70.00	70.00
Albumin	35.00			33.00		32.00	39.00	37.00	39.00	40.00
Bilirubin, Total	5.00	5.00	...	4.00	6.00	6.00	4.00	5.00	5.00	7.00
Alkaline Phosphatase										
ALT (SGPT)	12.00	15.00	...	13.00	16.00	29.00	17.00	12.00	14.00	17.00
Calcium	2.39	2.51	...	2.52	2.51	2.43	2.62	2.56	2.54	2.51
Calcium, Adjusted	2.45					2.54	2.62	2.59	2.54	2.50
Bilirubin, Direct										

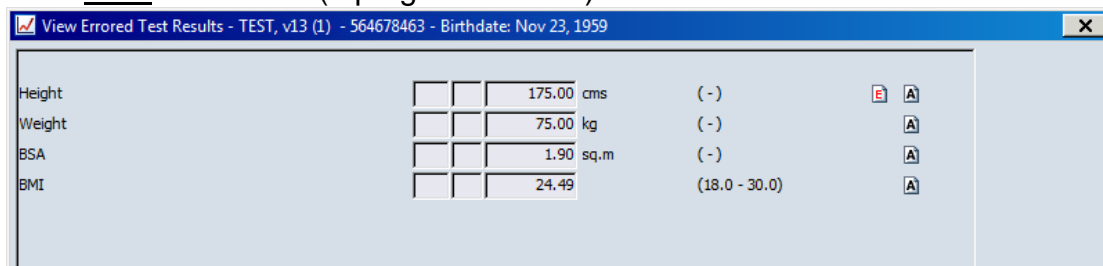
If a result has been entered incorrectly and then “errored” you can view the results by selecting Assessments from the top row, then Tests from the drop down menu and select the required date eg Dec 23, 2015

Test Name	Test ID	Order Status	Result Status	Publishable Status	Order Printable
CSCCN Vital Signs	207200001	Approved	Entered	Publishable	Yes - not printed

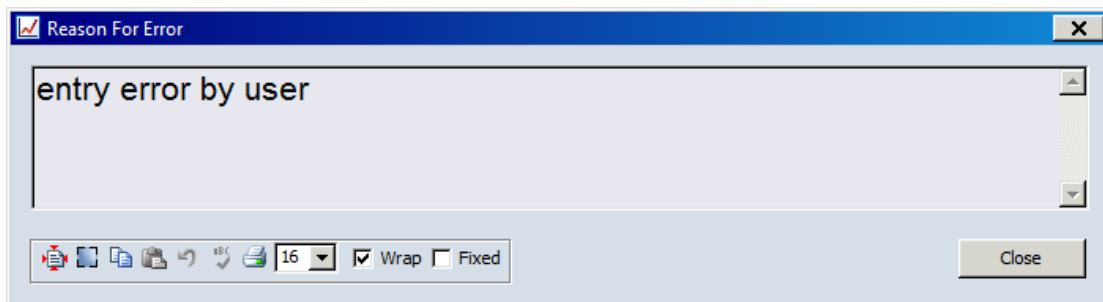
Select View from the Results section at the bottom of the screen



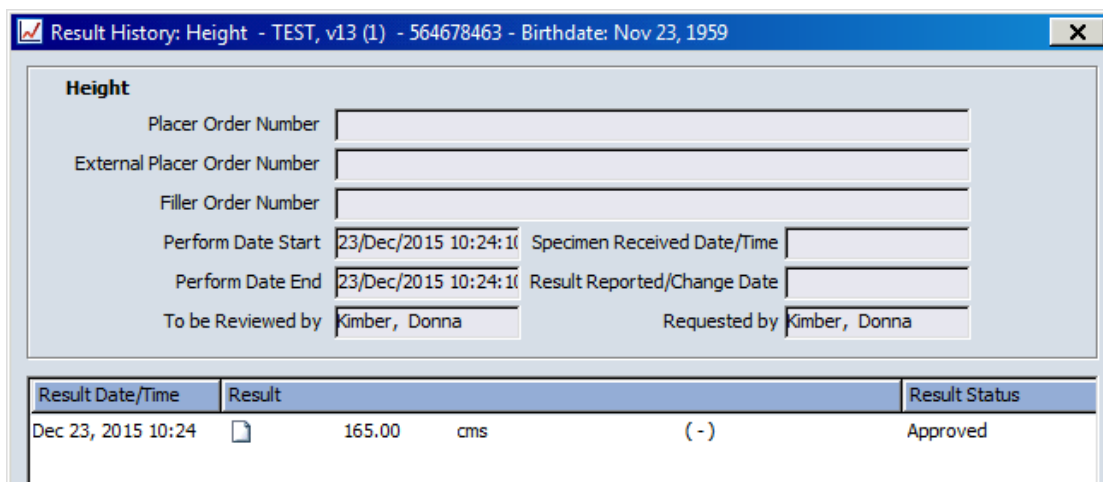
Click **ERR** Result Set (top right of screen) to view the errored result



Click on the **E** to view Reason For Error



By clicking on the “pen” icon in the Results View window and selecting Result History from the drop down menu you can also view history eg Result History: Height



Once all the details for the patient have been entered then treatment can be allocated.

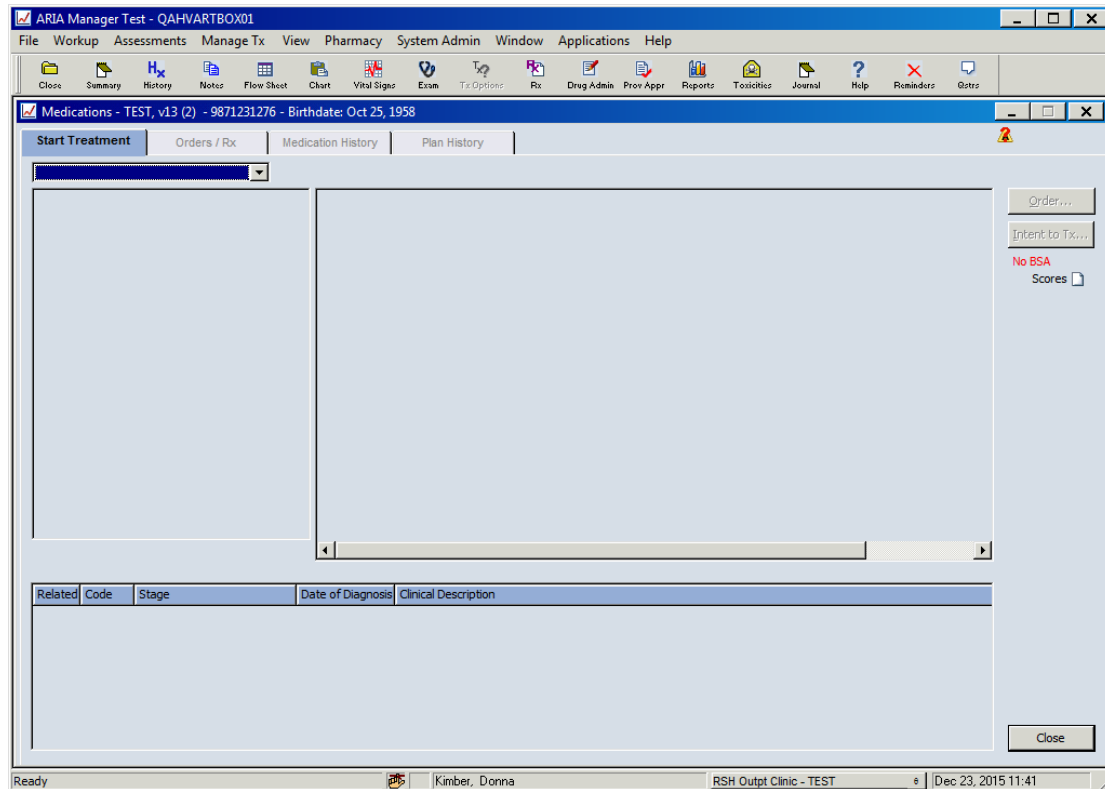
You must check you have completed the following data before you can enter any treatment for the patient;

- **Modifying patient details/ entered new patient details**
- **History – including allergies**
- **Exam – including diagnosis / morphology / staging / performance status**
- **Vital Signs**

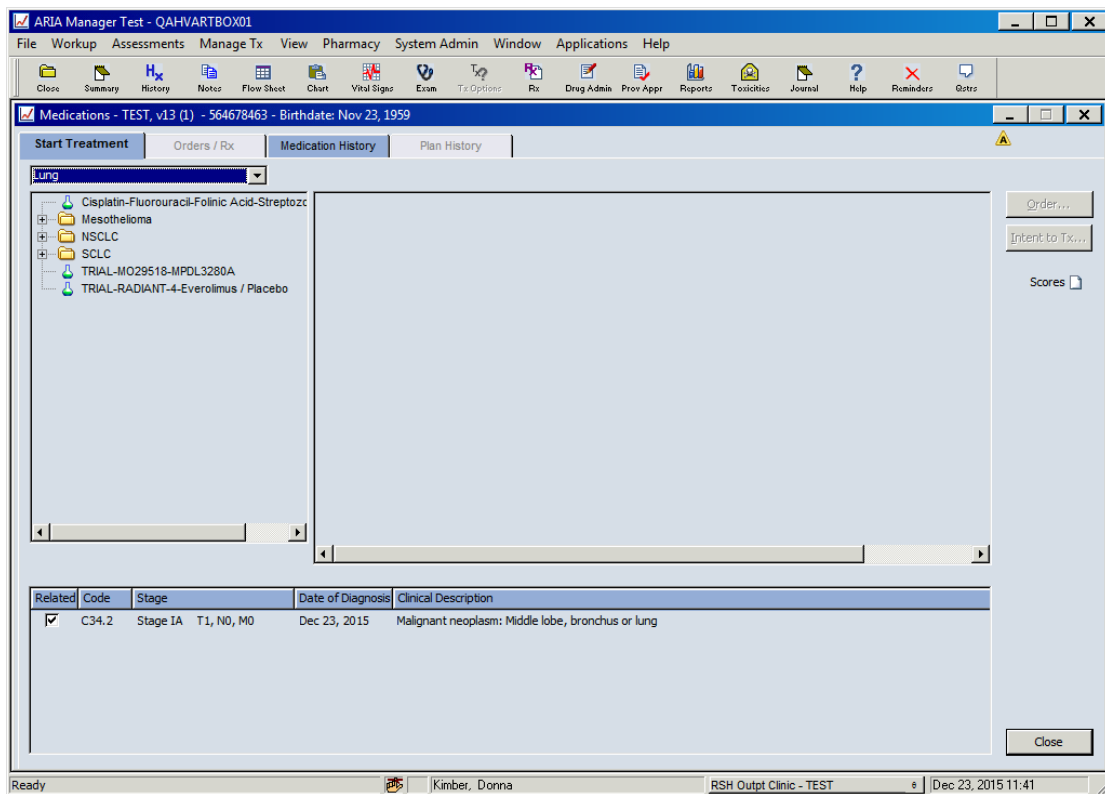
Once all the above have been entered then open the patient , change 'Proceed To' to Medication and open the patient, the following window will appear you can then select the treatment required, from the diagnosis already entered the list will then filter by disease site e.g. lung, breast etc and show the regimens entered in those disease areas.

8 PRESCRIBING

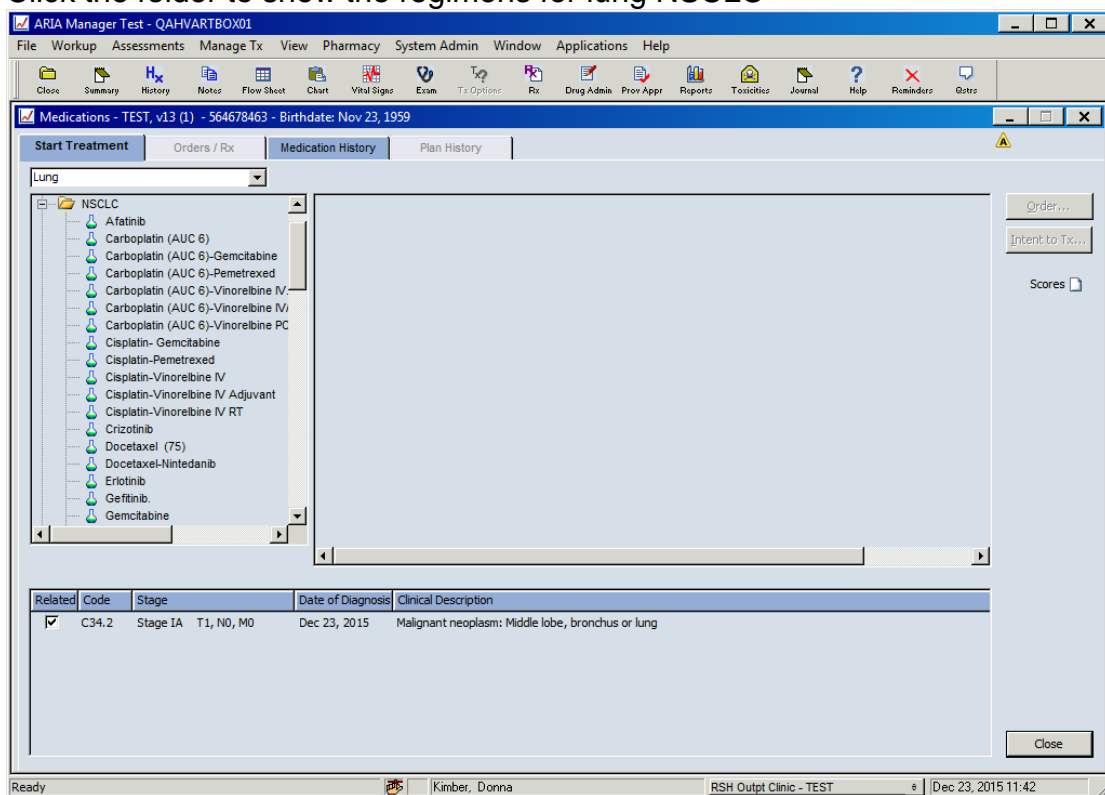
The system will default to regimens assigned to patient diagnosis
No BSA (right of screen) indicated that no Vital Signs have been entered



Eg for a lung diagnosis the following will appear in top box with sub folders, if applicable eg SCLC, NSCLC and mesothelioma



Click the folder to show the regimens for lung NSCLC



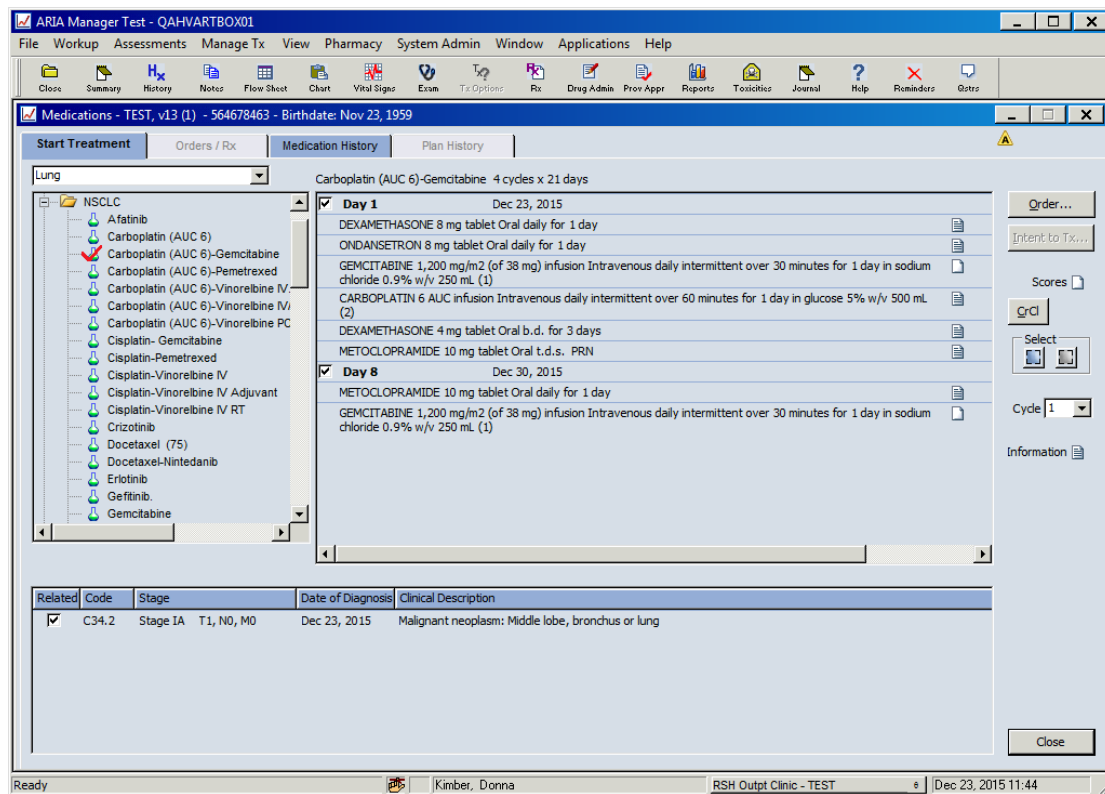
Select the regimen required, the following will appear

Related	Code	Stage	Date of Diagnosis	Clinical Description
<input checked="" type="checkbox"/>	C34.2	Stage IA T1, N0, M0	Dec 23, 2015	Malignant neoplasm: Middle lobe, bronchus or lung

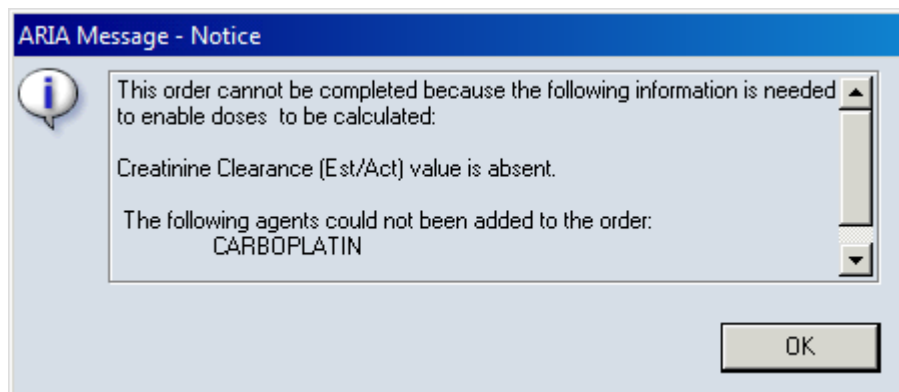
You can see that this is the first cycle, see Cycle on right of screen.

NB: Information page (right of screen below Cycle box) – this is the protocol summary, however from October 2010 protocol summary will no longer be shown here. **You can view protocols by clicking Applications – Protocols (top row of the screen)** this will then open the UHS website page which contains protocols. Alternatively you need to view the protocol please refer to UHS website (<http://www.uhs.nhs.uk/HealthProfessionals/Extranet/Services/Cancer-care/Chemotherapy-protocols/Chemotherapy-protocols.aspx>)

Select Blue square in select box on right of screen to select all the Order button will be available and a tick will appear in the Day 1 and Day 8 box (or manually tick Day 1 and/or Day 8). Day 1 + 8 can be ordered at the same time as two separate files will be produced for pharmacy orders.

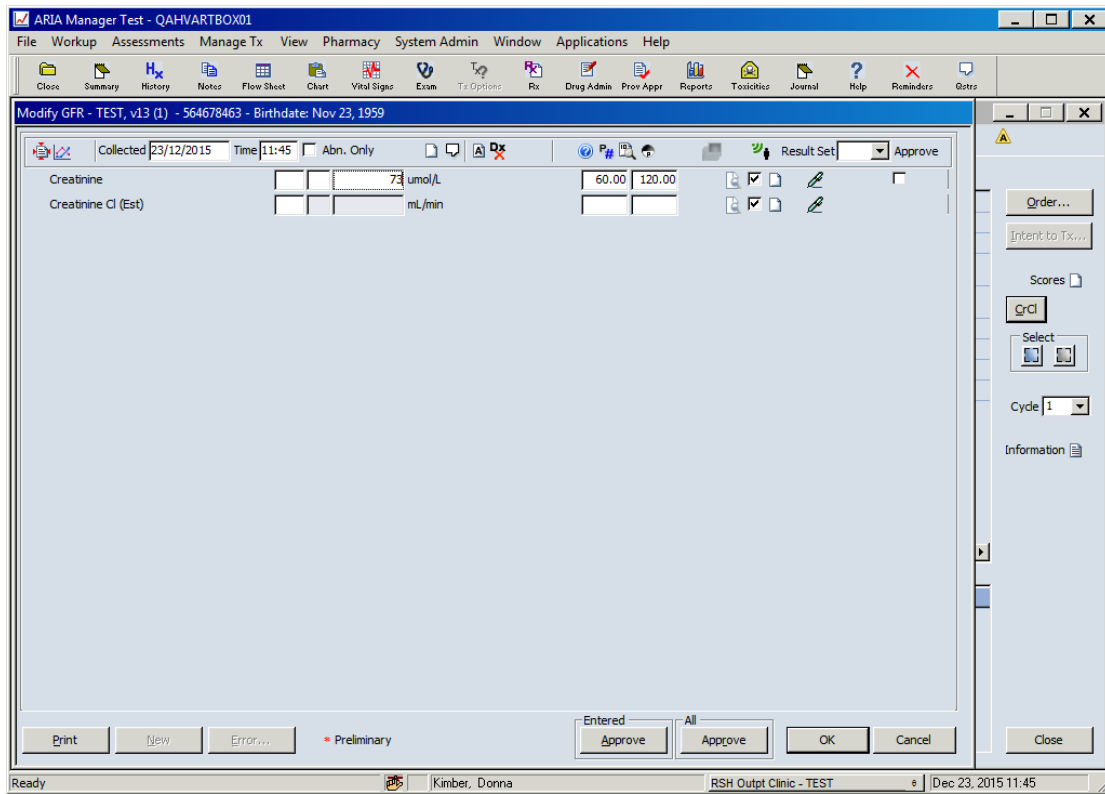


Click Order..., if no value is present for creatinine the following message will appear

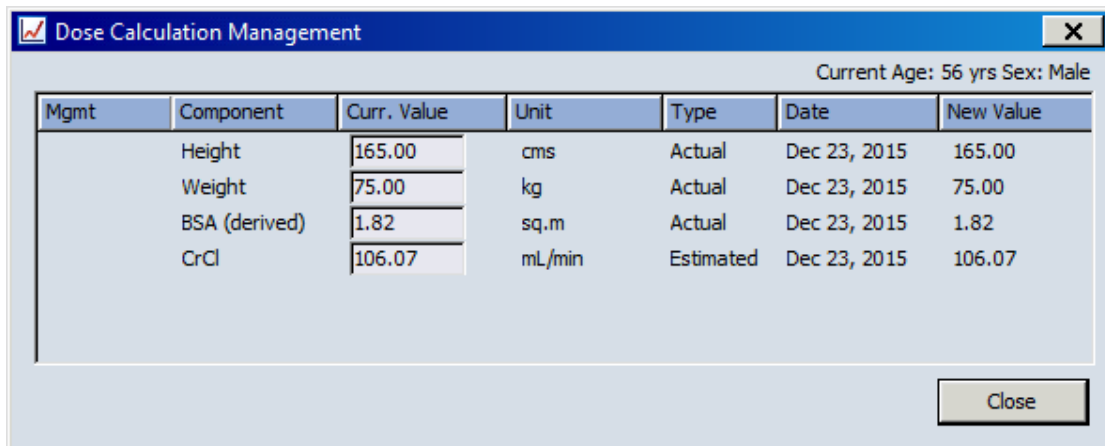


NB although creatinine result might be available via pathology interface it needs to appear after height and weight have been entered to be able to calculate the dose, therefore at cycle 1 it may be necessary to enter the result manually.

Click CrCl button on right of screen and enter the Creatinine result in this window, then Approve



Now select Order on top right of screen you will see the Dose Calculation Management pop up box to enable the height, weight and BSA to be reviewed



ARIA Manager Test - QAHVARTBOX01

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

Close Summary History Notes Flow Sheet Chart Vital Signs Exam Tx Options Rx Drug Admin Prov Appr Reports Toxicities Journal Help Reminders Alerts

New Prescription Details - TEST, vL3 (1) - 564678463 - Birthdate: Nov 23, 1959

Order / Rx Medications Cum Dose Alerts Allergies/Adverse Reactions Scores Carboplatin (AUC 6)-Gemcitabine

Ordered by [Empty] on Dec 23, 2015 at 11:46 [Completed] Line of Tx Tx Intent Tx Use

Order ID 207200002 Start on 23/12/2015 PENDING 1 [Completed] [Empty]

Internal

Administration Start Date Dec 23, 2015 Carboplatin (AUC 6)-Gemcitabine - Cycle 1 Day 1

1	DEXAMETHASONE	8 mg tablet Oral daily for 1 day	Plan - Opt 100 %	Admin Instructions	Last Ordered: None	Dose Mod. Reason
2	ONDANSETRON	8 mg tablet Oral daily for 1 day	Plan - Opt 100 %	Admin Instructions	Last Ordered: None	Dose Mod. Reason
3	GEMCITABINE	2,200 mg (at 1,200 mg/m ²) infusion Intravenous daily intermittent over 30 minutes for 1 day in sodium chloride 0.9% w/v 250 mL (1) at the rate of 500 mL/hr	Plan - Opt 100 %	Admin Instructions	Last Ordered: None	Dose Mod. Reason
4	CARBOPLATIN	800 mg (at 6 AUC) infusion Intravenous daily intermittent over 60 minutes for 1 day in glucose 5% w/v 500 mL (2) at the rate of 500 mL/hr	Plan - Opt 100 %	Admin Instructions	Last Ordered: None	Dose Mod. Reason

Administration Start Date Dec 30, 2015 Carboplatin (AUC 6)-Gemcitabine - Cycle 1 Day 8

5	METOCLOPRAMIDE	10 mg tablet Oral daily for 1 day	Plan - Opt 100 %	Admin Instructions	Last Ordered: None	Dose Mod. Reason
6	GEMCITABINE	2,200 mg (at 1,200 mg/m ²) infusion Intravenous daily intermittent over 30 minutes for 1 day in sodium chloride 0.9% w/v 250 mL (1) at the rate of 500 mL/hr	Plan - Opt 100 %	Admin Instructions	Last Ordered: None	Dose Mod. Reason

Pickup - Internal

Administration Start Date Dec 23, 2015 Carboplatin (AUC 6)-Gemcitabine - Cycle 1 Day 1

7	DEXAMETHASONE	4 mg tablet Oral b. d. for 3 days	Plan - Opt 100 %	Admin Instructions	Last Ordered: None	Dose Mod. Reason
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* Additional administration instructions have been entered

Print... Print Label Approve OK Cancel

Ready Kimber, Donna RSH Outpt Clinic - TEST Dec 23, 2015 11:46

Enter consultant in Ordered by, and complete Line of Tx, Tx Intent and Tx Use (these are required for SACT report)

ARIA Manager Test - QAHVARTBOX01

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

Close Summary History Notes Flow Sheet Chart Vital Signs Exam Tx Options Rx Drug Admin Prov Appr Reports Toxicities Journal Help Reminders Alerts

New Prescription Details - TEST, vL3 (1) - 564678463 - Birthdate: Nov 23, 1959

Order / Rx Medications Cum Dose Alerts Allergies/Adverse Reactions Scores Carboplatin (AUC 6)-Gemcitabine

Ordered by Bates, Andrew T. on Dec 23, 2015 at 11:46 [Completed] Line of Tx Tx Intent Tx Use

Order ID 207200002 Start on 23/12/2015 PENDING 1 Adjuv Adjuv Adjuvant

Internal

Administration Start Date Dec 23, 2015 Carboplatin (AUC 6)-Gemcitabine - Cycle 1 Day 1

1	DEXAMETHASONE	8 mg tablet Oral daily for 1 day	Plan - Opt 100 %	Admin Instructions	Last Ordered: None	Dose Mod. Reason
2	ONDANSETRON	8 mg tablet Oral daily for 1 day	Plan - Opt 100 %	Admin Instructions	Last Ordered: None	Dose Mod. Reason
3	GEMCITABINE	2,200 mg (at 1,200 mg/m ²) infusion Intravenous daily intermittent over 30 minutes for 1 day in sodium chloride 0.9% w/v 250 mL (1) at the rate of 500 mL/hr	Plan - Opt 100 %	Admin Instructions	Last Ordered: None	Dose Mod. Reason
4	CARBOPLATIN	800 mg (at 6 AUC) infusion Intravenous daily intermittent over 60 minutes for 1 day in glucose 5% w/v 500 mL (2) at the rate of 500 mL/hr	Plan - Opt 100 %	Admin Instructions	Last Ordered: None	Dose Mod. Reason

Administration Start Date Dec 30, 2015 Carboplatin (AUC 6)-Gemcitabine - Cycle 1 Day 8

5	METOCLOPRAMIDE	10 mg tablet Oral daily for 1 day	Plan - Opt 100 %	Admin Instructions	Last Ordered: None	Dose Mod. Reason
6	GEMCITABINE	2,200 mg (at 1,200 mg/m ²) infusion Intravenous daily intermittent over 30 minutes for 1 day in sodium chloride 0.9% w/v 250 mL (1) at the rate of 500 mL/hr	Plan - Opt 100 %	Admin Instructions	Last Ordered: None	Dose Mod. Reason

Pickup - Internal

Administration Start Date Dec 23, 2015 Carboplatin (AUC 6)-Gemcitabine - Cycle 1 Day 1

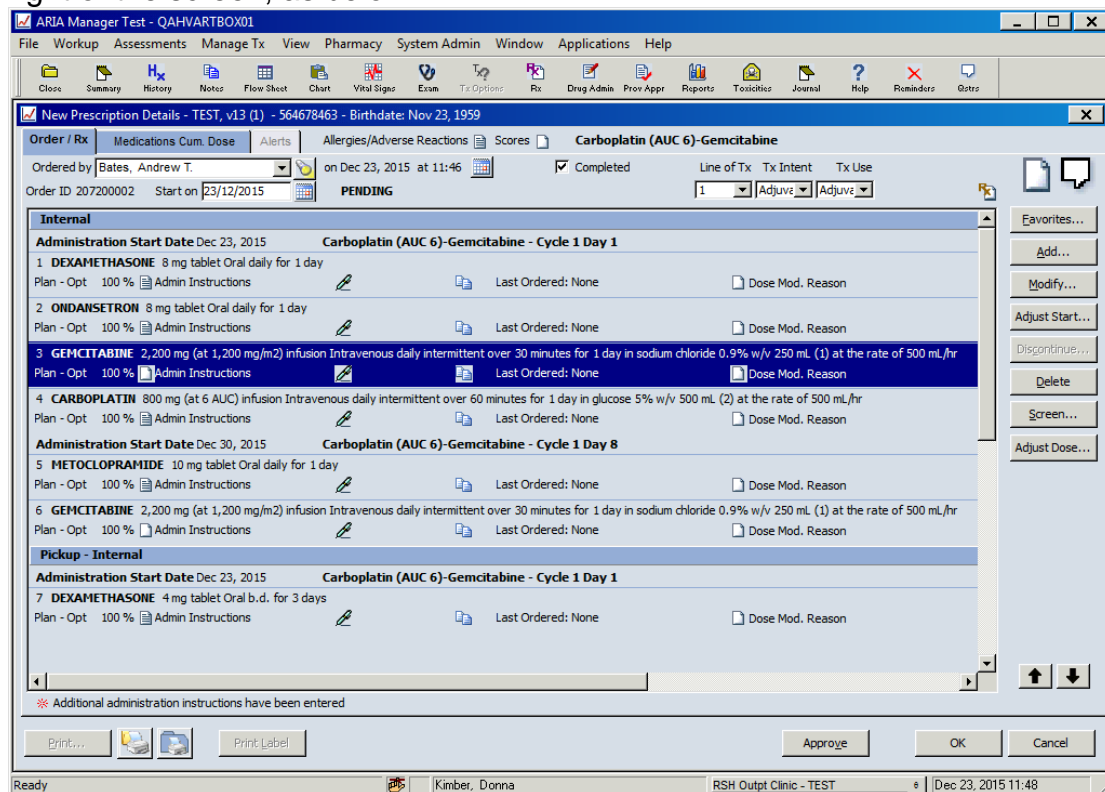
7	DEXAMETHASONE	4 mg tablet Oral b. d. for 3 days	Plan - Opt 100 %	Admin Instructions	Last Ordered: None	Dose Mod. Reason
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* Additional administration instructions have been entered

Print... Print Label Approve OK Cancel

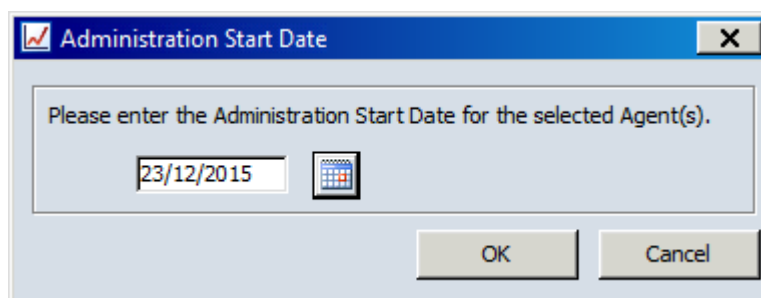
Ready Kimber, Donna RSH Outpt Clinic - TEST Dec 23, 2015 11:46

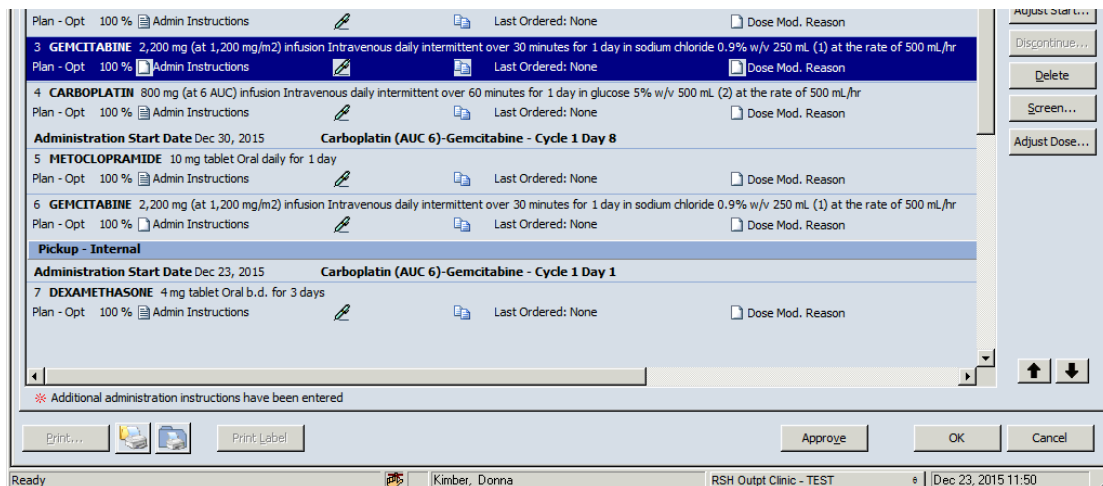
By highlighting one of the drugs more buttons will become available on the right of the screen, as below



To change the date for the whole regimen – click on the calendar page next to Start on below the Ordered by box.

To change the date for an individual agent – click Adjust Start on right of the screen, and then select the required date.

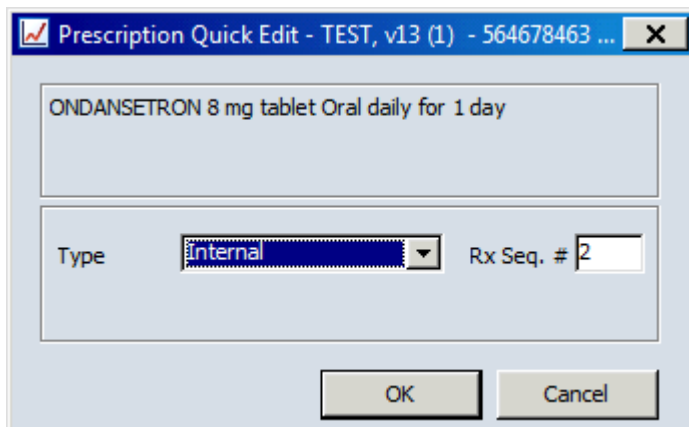




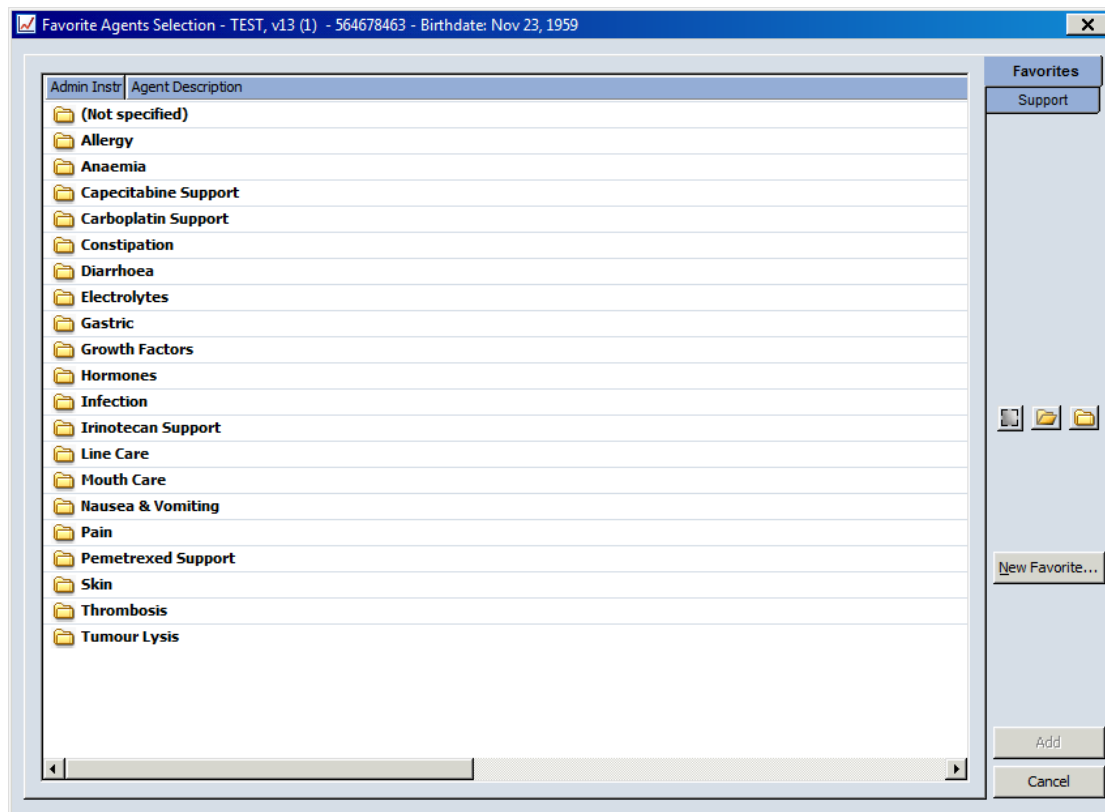
By highlighting an agent and then clicking on the up and down arrows on the bottom right of the screen you can change the order of an agent.

OR

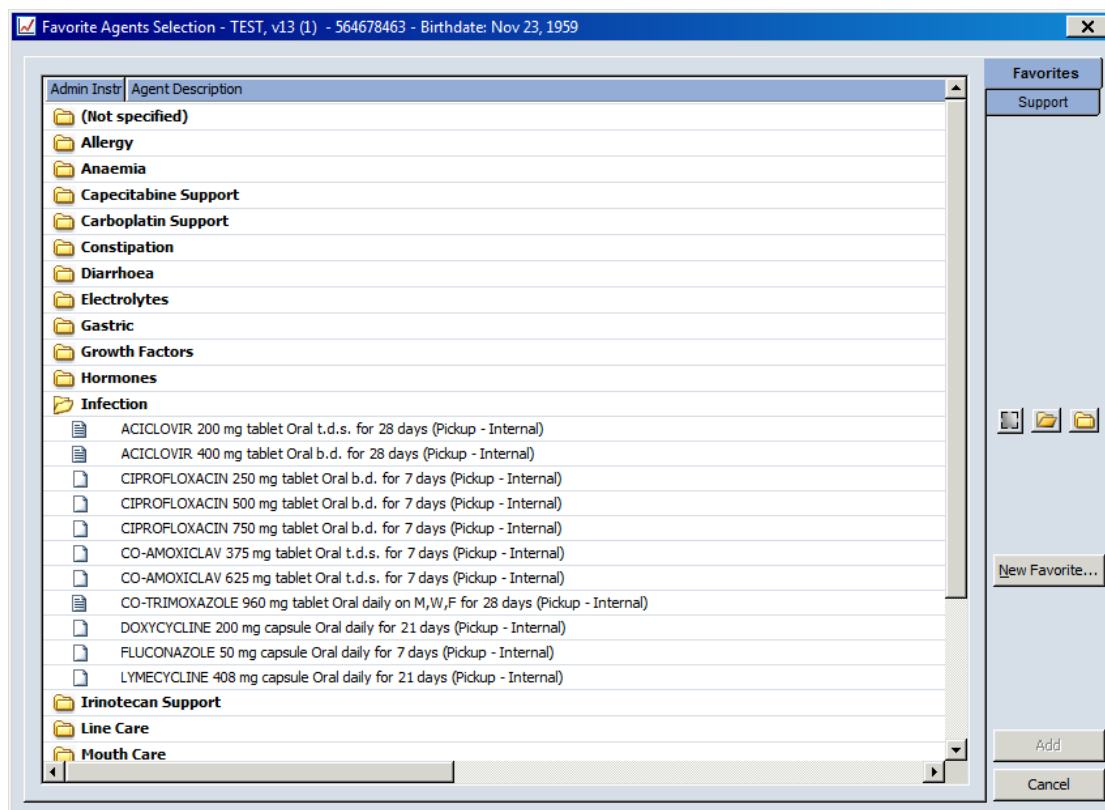
By clicking the “pen” icon (next to the Approve box) you can change the order of an agent eg move pre-medication to the top of the list, change the Rx Seq # to the correct order.



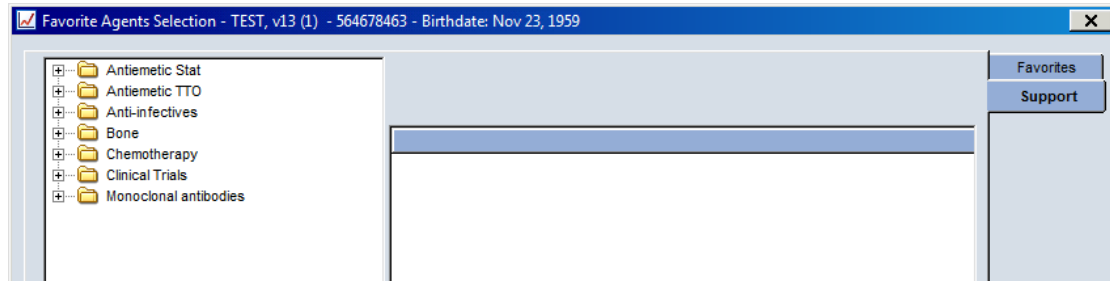
You can now add any support eg extra antiemetic support (***that are not already included as part of the regimen***) or favorites eg antibiotics, as required. Click Favorites and the following window appears



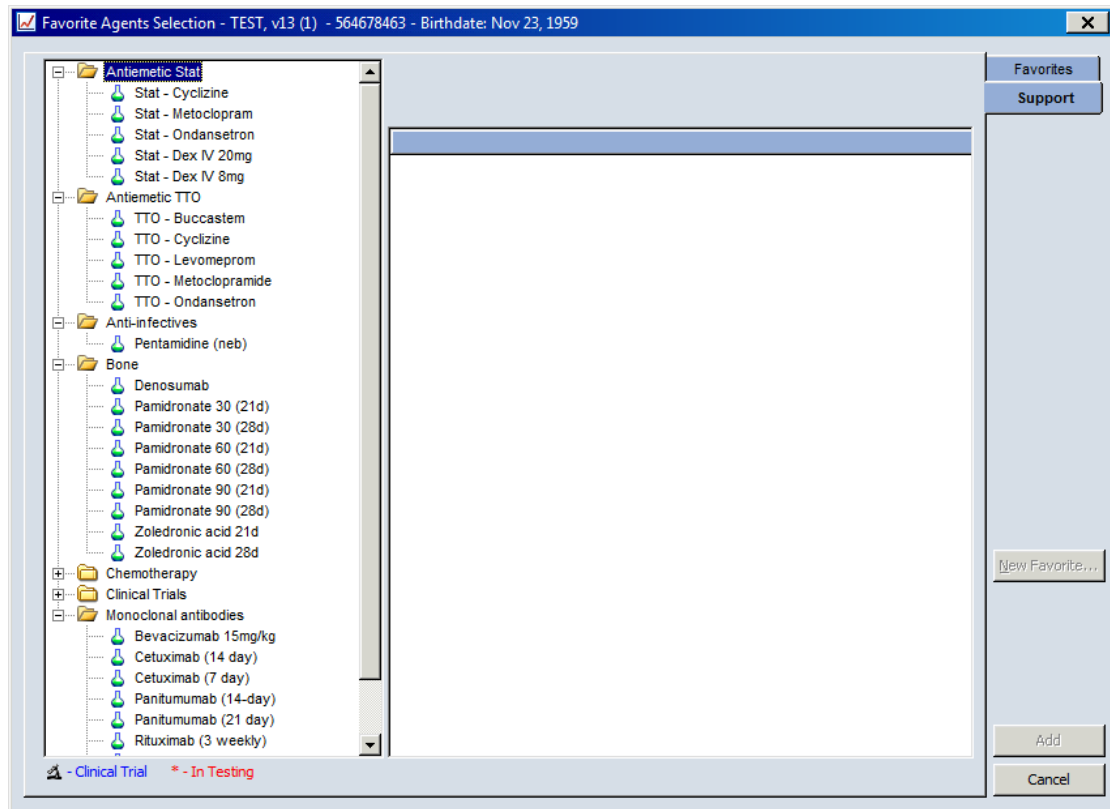
A list of files will appear eg antiemetics, antibiotics, skin care etc, click the file to open and the list of drugs in that file will appear.



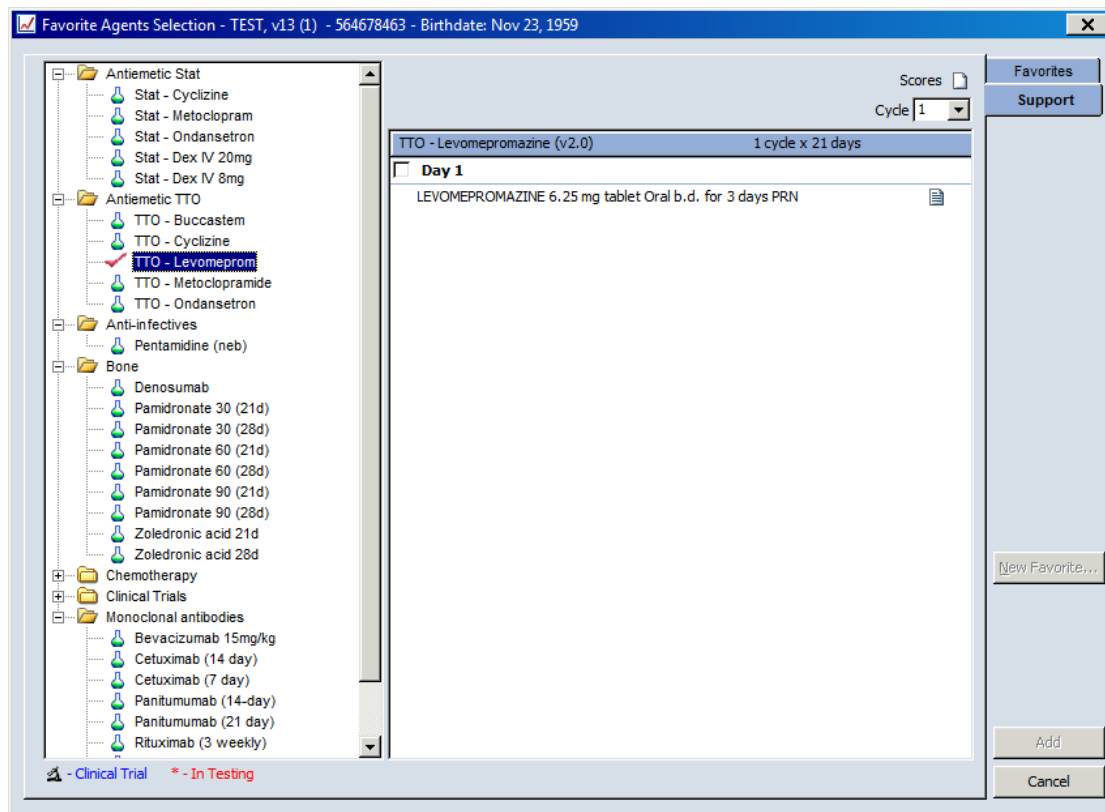
Select the drug required and click Add to add it to the regimen.
Support – click the support tab on top right, and the following window appears



The support regimens have been set up in files. Click the yellow file and a drop down will appear (the same way treatment is allocated)



Click on TTO Levomepromazine and the support regimens will appear.



Tick the regimen (the same way treatment is allocated) and click Add to add to the regimen. NB – some support regimens selected here need to be added to each cycle individually they have not all been set up for cycles of treatment only courses eg 21 days. (see Appendix 2 and 3).

You can Adjust Dose, Adjust Start etc. **It is advisable NOT to adjust any drug dose using the Modify button only use the Adjust Dose button. Any dose banding will be removed if the dose is amended in the Modify window. Dose banding is only applied when using Adjust Dose button.**

Click Adjust Dose and the following window appears

Adjust Dose - TEST, v13 (1) - 564678463 - Birthdate: Nov 23, 1959

Dose Modification
 100% 75% 50% 25% Other Same as Last

Agent	Full Dose	Ordering	%	Calculation/Rounding	Admin	Last Ordered	Reason
Carboplatin (AUC 6)-Gemcitabine - Cycle 1 Day 1							
DEXAMETHASONE	8		100	8	8 mg		
ONDANSETRON	8		100	8	8 mg		
GEMCITABINE	1,200	1,200 mg/m2	100	2,184	2,200 mg		
CARBOPLATIN	6	6 AUC	100	786.42	800 mg		
DEXAMETHASONE	4		100	4	4 mg		
METOCLOPRAMIDE	10		100	10	10 mg		
Carboplatin (AUC 6)-Gemcitabine - Cycle 1 Day 8							
METOCLOPRAMIDE	10		100	10	10 mg		
GEMCITABINE	1,200	1,200 mg/m2	100	2,184	2,200 mg		
Other Drugs - Unscheduled							
CIPROFLOXACIN	250		100	250	250 mg		

OK Cancel

You can select Dose Modification from the top line eg 75%, 50% etc however this will reduce **all** agents including any antiemetics that have been prescribed unless you select Change Chemo.

Therefore it is advised to dose reduce per agent and remember to include a reason in the Modification Reason, either by clicking on the drop down arrow or entering text in the bottom right text box.

In the Calculation / Rounding column the red dots denote dose rounding and the red circle dose banding has been applied to that particular agent.

You will see that gemcitabine has been reduced to 75% of the original dose and the reason given was infection.

Adjust Dose - TEST, v13 (1) - 564678463 - Birthdate: Nov 23, 1959

Dose Modification
 100% 75% 50% 25% Other Same as Last

Modification Reason

Agent	Full Dose	Ordering	%	Calculation/Rounding	Admin	Last Ordered	Reason
Carboplatin (AUC 6)-Gemcitabine - Cycle 1 Day 1							
DEXAMETHASONE	8		100	8	8 mg		
ONDANSETRON	8		100	8	8 mg		
GEMCITABINE	1,200	900 mg/m2	75	1,638	1,600 mg		Infection
CARBOPLATIN	6	6 AUC	100	786.42	800 mg		
DEXAMETHASONE	4		100	4	4 mg		
METOCLOPRAMIDE	10		100	10	10 mg		
Carboplatin (AUC 6)-Gemcitabine - Cycle 1 Day 8							
METOCLOPRAMIDE	10		100	10	10 mg		
GEMCITABINE	1,200	900 mg/m2	75	1,638	1,600 mg		
Other Drugs - Unscheduled							
CIPROFLOXACIN	250		100	250	250 mg		

This message will appear when agent appears in more than one day of the cycle.

ARIA Message - Confirmation

GEMCITABINE appears more than once, would you like to change the doses of all orders to this same amount?

The Order / Rx page now shows the dose reduction to 75% in red and at the end of the drug line the Dose Mod. Reason has a page with lines on it.

If the drug has been set up with dose banding (eg gemcitabine) when you Adjust Dose a red circle appears next to the Calculation/rounding dose

Agent	Full Dose	Ordering	%	Calculation/Rounding	Admin	Last Ordered	Reason
Carboplatin (AUC 6)-Gemcitabine - Cycle 1 Day 1							
DEXAMETHASONE	8		100	8	8 mg		
ONDANSETRON	8		100	8	8 mg		
GEMCITABINE	1,200	900 mg/m2	75	1,638	1,600 mg		Infection
CARBOPLATIN	6	6 AUC	100	786.42	800 mg		

By clicking on the red circle you can view the dose banding table set up for the drug dose eg gemcitabine

The screenshot shows a window titled "Agent Dose Band" with a close button (X) in the top right corner. Inside the window, there is a section for "Agent" details:

- Plan: NSCLC - carbo/gem V5.0
- Agent Name: GEMCITABINE
- Dosage Form: infusion
- Unit of Measure: mg/m2

Below the details is a table with three columns: "Dose Range Minimum", "Dose Range Maximum", and "Ordering Dose". The table contains 18 rows of data. The first row is highlighted in blue. To the right of the table are two buttons: "Add" and "Delete". At the bottom right of the window is a "Close" button.

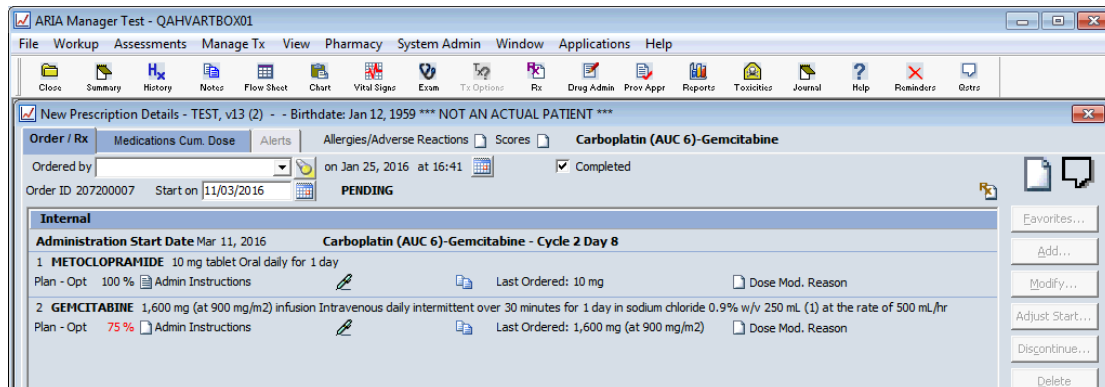
Dose Range Minimum	Dose Range Maximum	Ordering Dose
195.0	204.9999	200.0
205.0	214.9999	210.0
215.0	224.9999	220.0
225.0	234.9999	230.0
235.0	244.9999	240.0
245.0	254.9999	250.0
255.0	264.9999	260.0
265.0	274.9999	270.0
275.0	284.9999	280.0
285.0	294.9999	290.0
295.0	304.9999	300.0
305.0	314.9999	310.0
315.0	337.4999	325.0
337.5	362.4999	350.0
362.5	387.4999	375.0
387.5	412.4999	400.0
412.5	437.4999	425.0
437.5	462.4999	450.0
462.5	487.4999	475.0

The red dot with a number indicated the agent is rounded to the nearest eg carboplatin in this regimen is rounded to the nearest 50mg

If no "rounding" match is found for an agent then the default rounding is used;

- Up to the nearest 1 for calculated doses ≥ 10
- Up to the nearest $1/100^{\text{th}}$ (0.01 decimal place) for calculated doses < 10

When ordering subsequent cycles you can view the previous doses from the last cycle



Click on the note pad to the left of Last Ordered



This shows the dose of current order at the top and the dose of the last order at the bottom.

Once all drug doses are correct then the prescription has to be approved.

Click the Approve button on the bottom of the screen and the following User Authentication will appear – this is the prescriber electronic signature

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" (masked with asterisks). To the right of the "User ID" field is a "from" dropdown menu. At the bottom right, there are "OK" and "Cancel" buttons.

Click Ok the First Databank Interaction Screening window appears

A window titled "First Databank Screening - TEST, v13 (1) - 564678463 - Birthdate: Nov 23, 1959". It has several tabs: Summary, Interactions, Sensitivities/Allergies, Contraindications, Warnings, Precautions, and Disclaimer. The "Interactions" tab is active. It shows "Screening Results for All Drugs" with a summary bar indicating 4 Interactions, 0 Sensitivities/Allergies, 2 Contraindications, 3 Warnings, and 1 Precaution. There are checkboxes for "View Results for Current Prescription/Current Agent(s) Only" and "View Patient Specific Results Only".

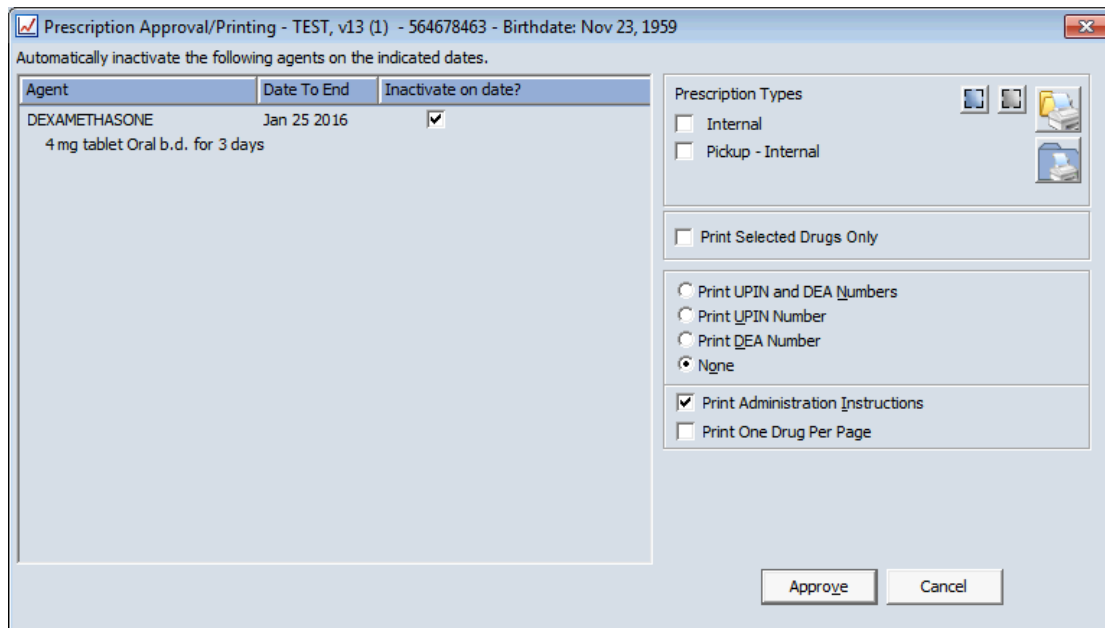
Agent Name	Form	Reaction Type	Response
Agents on Current Prescription		Allergies	
CARBOPLATIN	infusion	PENICILLIN V (tablet)	Skin Rashes/Hives
DEXAMETHASONE	tablet		
GEMCITABINE	infusion		
METOCLOPRAMIDE	tablet		
ONDANSETRON	tablet		
Agents not on Current Prescription			
FUROSEMIDE	tablet		

Below the table is a section for "Primary" conditions with a table:

Code	Clinical Description
C34.2	Malignant neoplasm: Middle lobe, bronchus or lung

At the bottom, there is a "Reason" dropdown menu, a "Print" button, an "Accept" button, and a "Cancel" button. A legend at the bottom left indicates: * - Excluded from screening and a green checkmark icon - Using all possible forms for allergy.

Click Accept the printing window will appear select Internal to print agents for administration in hospital, select Pickup-Internal for TTOs or both as appropriate.



If you click Cancel at this point the prescription is put as “pending” in the Orders/Rx window, and a prescription will not be printed despite the printing box just having appeared on the screen.

However when the treatment is “approved” the prescription will print (along with any that you “cancelled” at this point previously eg if you clicked Cancel twice 3 prescriptions will print one for each of the cancelled actions and the actual approved one – they will however all be the correct version)

Although you can only see the oral dexamethasone all the drugs have been approved. In this window you are approving the prescription to be printed either to pharmacy, in clinic etc.

Click Approve and the following window appears (Treatment)

ARIA Manager Test - QAHVARTBOX01

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

Close Summary History Notes Flow Sheet Chart Vital Signs Exam Tx Options Rx Drug Admin Prov Appr Reports Toxicities Journal Help Reminders Alerts

Medications - TEST, v13 (1) - 564678463 - Birthdate: Nov 23, 1959

Treatment Orders / Rx Medication History Plan History Regimen Library

Treatments

Carboplatin (AUC 6)-Gemcitabine
4 x 21 days

Cycle

Cycle	Cycle Start
1	Jan 22, 2016 ✓
2	Feb 12, 2016
3	Mar 04, 2016
4	Mar 25, 2016

Jan 22, 2016 Cycle 1 - Day 1 Carboplatin (AUC 6)-Gemcitabine

DEXAMETHASONE 8 mg tablet Oral daily for 1 day 0/1 Given Ordered

ONDANSETRON 8 mg tablet Oral daily for 1 day 0/1 Given Ordered

GEMCITABINE 1,600 mg (at 900 mg/m²) infusion Intravenous daily intermittent over 30 minutes for 1 day in sodium chloride 0.9% w/v 250 mL (1) at the rate of 500 mL/hr 0/1 Given Ordered

CARBOPLATIN 800 mg (at 6 AUC) infusion Intravenous daily intermittent over 60 minutes for 1 day in glucose 5% w/v 500 mL (2) at the rate of 500 mL/hr 0/1 Given Ordered

DEXAMETHASONE 4 mg tablet Oral b.d. for 3 days Ordered

METOCLOPRAMIDE 10 mg tablet Oral t.d.s. PRN Ordered

Jan 29, 2016 Cycle 1 - Day 8 Carboplatin (AUC 6)-Gemcitabine

METOCLOPRAMIDE 10 mg tablet Oral daily for 1 day 0/1 Given Ordered

GEMCITABINE 1,600 mg (at 900 mg/m²) infusion Intravenous daily intermittent over 30 minutes for 1 day in sodium chloride 0.9% w/v 250 mL (1) at the rate of 500 mL/hr 0/1 Given Ordered

Order...
New...
Scores
CrCl
Close

Ready Kimber, Donna RSH Outpt Clinic - TEST Jan 22, 2016 10:17

By clicking on the pen in the Treatment box (next to 4 x 21 days) you can Modify / Delay / Discontinue / View Regimen decisions

Modify – This currently shows the Active treatment days.

Modify Regimen - TEST, v13 (1) - 564678463 - Birthdate: Nov 23, 1959

Ordered By:

Regimen: Carboplatin (AUC)
Version: 5.0
Last Ordered: Cycle 1 Day 8

Modify by Adding or Removing Cycle(s)
Current # Cycles Standard # Cycles Add cycle(s) Repeat Starting at Cycle

* Cycles added are based upon the approved regimen from Planner (and not based on changes to the cycles for this patient) and all added cycles/days are always active

Modify by Changing Cycle Length
Current Cycle Length Standard Cycle Length New Cycle Length Starting Cycle

* Changes apply to the new and existing cycles

Modify by Changing Status of Existing Cycle Days

Remaining cycle days after Cycle 1 Day 8				
Day	Active	Inactive	Custom	Medications
Day 1	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	DEXAMETHASONE, ONDANSETRON, GEMCITABINE, CARBOPLATIN, DEXAMETHASONE, METOCLOPRAMIDE
Day 8	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	METOCLOPRAMIDE, GEMCITABINE

* Modifications only apply to the existing list of cycles and not to any cycles you are currently adding

Reason

Day 8 treatment can be omitted by clicking Inactive on the required drug

Modify Regimen - TEST, v13 (1) - 564678463 - Birthdate: Nov 23, 1959

Ordered By

Regimen: Carboplatin (AUC)
Version: 5.0
Last Ordered: Cycle 1 Day 8

Modify by Adding or Removing Cycle(s)
Current # Cycles Standard # Cycles Add cycle(s) Repeat Starting at Cycle

* Cycles added are based upon the approved regimen from Planner (and not based on changes to the cycles for this patient) and all added cycles/days are always active

Modify by Changing Cycle Length
Current Cycle Length Standard Cycle Length New Cycle Length Starting Cycle

* Changes apply to the new and existing cycles

Modify by Changing Status of Existing Cycle Days

Remaining cycle days after Cycle 1 Day 8				
Day	Active	Inactive	Custom	Medications
Day 1	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	DEXAMETHASONE, ONDANSETRON, GEMCITABINE, CARBOPLATIN, DEXAMETHASONE, METOCLOPRAMIDE
Day 8	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	METOCLOPRAMIDE, GEMCITABINE

* Modifications only apply to the existing list of cycles and not to any cycles you are currently adding

Reason

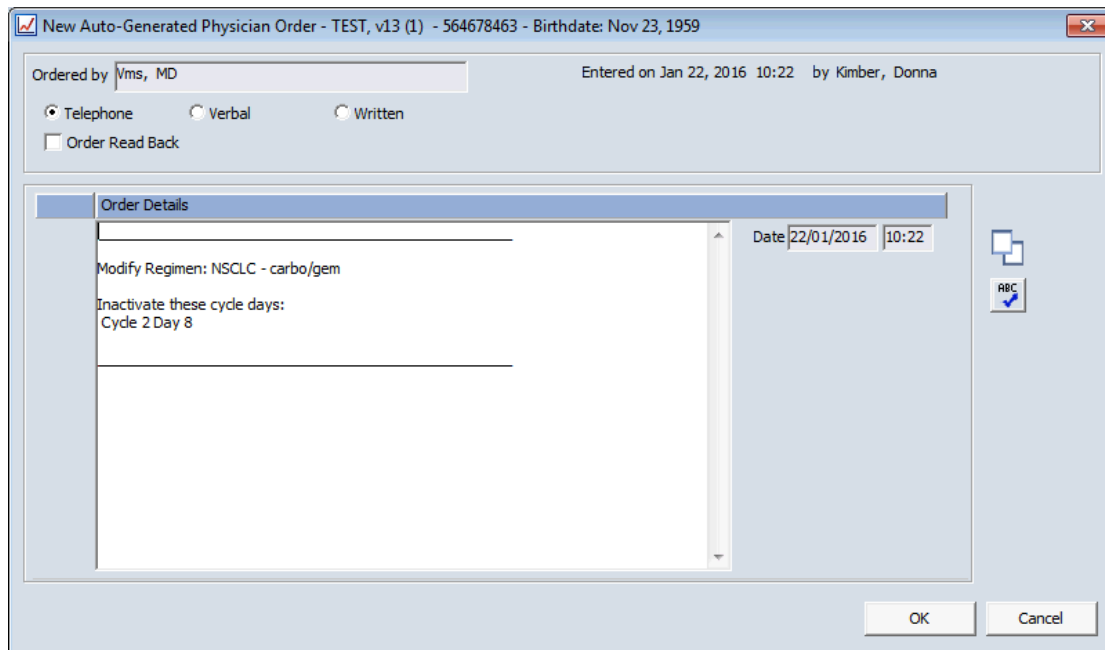
Alternatively by clicking Custom you can state which cycle to Inactivate

Customize Remaining Cycles - TEST, v13 (1) - 564678463 - Birthdate: Nov 23, 1959

Regimen: Carboplatin (AUC 6)-Gemcitabine
Version: 5.0
Last Ordered: Cycle 1 Day 8

Day 8			
Active	Inactive	Remaining Cycles	Medications
<input type="radio"/>	<input checked="" type="radio"/>	Cycle 2	METOCLOPRAMIDE, GEMCITABINE
<input checked="" type="radio"/>	<input type="radio"/>	Cycle 3	METOCLOPRAMIDE, GEMCITABINE
<input type="radio"/>	<input checked="" type="radio"/>	Cycle 4	METOCLOPRAMIDE, GEMCITABINE

You need to click the speech bubble (next to Ordered By) before this action can be approved (*NB the speech bubble only appears for a non-prescriber*).



New Auto-Generated Physician Order - TEST, v13 (1) - 564678463 - Birthdate: Nov 23, 1959

Ordered by Vms, MD Entered on Jan 22, 2016 10:22 by Kimber, Donna

Telephone
 Verbal
 Written

Order Read Back

Order Details

Modify Regimen: NSCLC - carbo/gem

Inactivate these cycle days:
Cycle 2 Day 8

Date 22/01/2016 10:22

OK Cancel

NB: Any notes that are entered when using the “speech bubble” do not show again anywhere on the screen in Aria but are kept in the database, they can only be viewed by a Varian database analyst if requested to do so for a full patient history audit. Therefore Varian suggests using the patient Journal (see section 12) which is aimed at being a running commentary of patient events.

Click Ok and then Approve button will appear so that any modification can be approved.

Modify Regimen - TEST, v13 (1) - 564678463 - Birthdate: Nov 23, 1959

Ordered By: Vms, MD

Regimen: Carboplatin (AUC)
Version: 5.0
Last Ordered: Cycle 1 Day 8

Modify by Adding or Removing Cycle(s)
Current # Cycles: 4 Standard # Cycles: 4 Add: [] cycle(s) Repeat Starting at Cycle: []

* Cycles added are based upon the approved regimen from Planner (and not based on changes to the cycles for this patient) and all added cycles/days are always active

Modify by Changing Cycle Length
Current Cycle Length: 21 Standard Cycle Length: 21 New Cycle Length: [] Starting Cycle: []

* Changes apply to the new and existing cycles

Modify by Changing Status of Existing Cycle Days

Remaining cycle days after Cycle 1 Day 8				
Day	Active	Inactive	Custom	Medications
Day 1	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	DEXAMETHASONE, ONDANSETRON, GEMCITABINE, CARBOPLATIN, DEXAMETHASONE, METOCLOPRAMIDE
Day 8	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	METOCLOPRAMIDE, GEMCITABINE

* Modifications only apply to the existing list of cycles and not to any cycles you are currently adding

Reason: []

Approve Cancel

This message will appear if no reason for making change is entered

ARIA Message - Notice

Please enter a reason for making changes to the regimen.

OK

When back in the Treatment window the Inactive days will be shown in red.

ARIA Manager Test - QAHVARTBOX01

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

Close Summary History Notes Flow Sheet Chart Vital Signs Exam Tx Options Rx Drug Admin Prov Appr Reports Toxicities Journal Help Reminders Qatrs

Medications - TEST, v13 (1) - 564678463 - Birthdate: Nov 23, 1959

Treatment Orders / Rx Medication History Plan History Regimen Library

Treatments

Carboplatin (AUC 6)-Gemcitabine
4 x 21 days

Cycle Cycle Start

Cycle	Cycle Start
1	Jan 22, 2016 ✓
2	Feb 12, 2016
3	Mar 04, 2016
4	Mar 25, 2016

Feb 12, 2016 Cycle 2 - Day 1 Carboplatin (AUC 6)-Gemcitabine

DEXAMETHASONE 8 mg tablet Oral daily for 1 day Not Ordered

ONDANSETRON 8 mg tablet Oral daily for 1 day Not Ordered

GEMCITABINE 1,600 mg (at 900 mg/m²) infusion Intravenous daily intermittent over 30 minutes for 1 day in sodium chloride 0.9% w/v 250 mL (1) at the rate of 500 mL/hr Not Ordered

CARBOPLATIN 800 mg (at 6 AUC) infusion Intravenous daily intermittent over 60 minutes for 1 day in glucose 5% w/v 500 mL (2) at the rate of 500 mL/hr Not Ordered

DEXAMETHASONE 4 mg tablet Oral b.d. for 3 days Not Ordered

METOCLOPRAMIDE 10 mg tablet Oral t.d.s. PRN Not Ordered

Feb 19, 2016 Cycle 2 - Day 8 Inactive Carboplatin (AUC 6)-Gemcitabine

Order...
New...
Scores
CrCl
Select

Close

Ready Kimber, Donna RSH Outpt Clinic - TEST Jan 22, 2016 10:23

Delay – If a prescription has been Approved and Dispensed then use Delay here to move treatment date. You cannot Re-issue the prescription once dispensed. Also add a comment to the patient journal to record this action (see section 12).

Ordered by must be selected and again the speech bubble (top right) must be completed before this action can be approved eg delay for 1 week

Click OK then approve, the delayed regimen will show “delayed” in red against it

ARIA Manager Test - QAHVARTBOX01

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

Close Summary History Notes Flow Sheet Chart Vital Signs Exam Tx Options Rx Drug Admin Prev Appr Reports Toxicities Journal Help Reminders Qtrs

Medications - TEST, v13 (1) - 564678463 - Birthdate: Nov 23, 1959

Treatment Orders / Rx Medication History Plan History Regimen Library

Treatments

Carboplatin (AUC 6)-Gemcitabine
4 x 21 days

Jan 22, 2016 Cycle 1 - Day 1 **Delayed Carboplatin (AUC 6)-Gemcitabine**

Jan 29, 2016 Cycle 1 - Day 1 **Carboplatin (AUC 6)-Gemcitabine**

DEXAMETHASONE 8 mg tablet Oral daily for 1 day 0/1 Given Ordered

ONDANSETRON 8 mg tablet Oral daily for 1 day 0/1 Given Ordered

GEMCITABINE 1,600 mg (at 900 mg/m²) infusion Intravenous daily intermittent over 30 minutes for 1 day in sodium chloride 0.9% w/v 250 mL (1) at the rate of 500 mL/hr 0/1 Given Ordered

CARBOPLATIN 800 mg (at 6 AUC) infusion Intravenous daily intermittent over 60 minutes for 1 day in glucose 5% w/v 500 mL (2) at the rate of 500 mL/hr 0/1 Given Ordered

DEXAMETHASONE 4 mg tablet Oral b.d. for 3 days Ordered

METOCLOPRAMIDE 10 mg tablet Oral t.d.s. PRN Ordered

Feb 05, 2016 Cycle 1 - Day 8 **Carboplatin (AUC 6)-Gemcitabine**

METOCLOPRAMIDE 10 mg tablet Oral daily for 1 day 0/1 Given Ordered

GEMCITABINE 1,600 mg (at 900 mg/m²) infusion Intravenous daily intermittent over 30 minutes for 1 day in sodium chloride 0.9% w/v 250 mL (1) at the rate of 500 mL/hr 0/1 Given Ordered

Order...
New...
Scores
Grid
Close

Ready Kimber, Donna RSH Output Clinic - TEST Jan 22, 2016 10:28

If any agent has been missed off or there is a need to add another agent after the treatment has been approved, click New (top right of screen) and then add the Favorite/Support as required.

ARIA Manager Test - QAHVARTBOX01

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

Close Summary History Notes Flow Sheet Chart Vital Signs Exam Tx Options Rx Drug Admin Prov Appr Reports Toxicities Journal Help Reminders Alerts

New Prescription Details - TEST, v13 (1) - 564678463 - Birthdate: Nov 23, 1959

Order / Rx Medications Cum Dose Alerts Allergies/Adverse Reactions Scores

Ordered by Vms, MD on Jan 22, 2016 at 15:05 Completed

Order ID 207200006 Start on 22/01/2016 PENDING

Pickup - Internal

Administration Start Date Jan 22, 2016

1 LENOGRASTIM 263 mcg injection Subcutaneous daily for 7 days

Non-plan Admin Instructions Last Ordered: None Dose Mod. Reason

Print... Print Label Approve OK Cancel

Ready Kimber, Donna RSH Outpt Clinic - TEST Jan 22, 2016 15:06

This will now show as “Other Drugs Ordered”.

ARIA Manager Test - QAHVARTBOX01

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

Close Summary History Notes Flow Sheet Chart Vital Signs Exam Tx Options Rx Drug Admin Prov Appr Reports Toxicities Journal Help Reminders Alerts

Medications - TEST, v13 (1) - 564678463 - Birthdate: Nov 23, 1959

Treatment Orders / Rx Medication History Plan History Regimen Library

Treatments

Carboplatin (AUC 6)-Gemcitabine

4 x 21 days

Cycle Cycle Start

1 Jan 29, 2016

2 Feb 19, 2016

3 Mar 11, 2016

4 Apr 01, 2016

Jan 22, 2016 Cycle 1 - Day 1 Delayed Carboplatin (AUC 6)-Gemcitabine

Other Drugs Ordered (Jan, 22, 2016)

LENOGRASTIM 263 mcg injection Subcutaneous daily for 7 days Ordered

Jan 29, 2016 Cycle 1 - Day 1 Carboplatin (AUC 6)-Gemcitabine

DEXAMETHASONE 8 mg tablet Oral daily for 1 day 0/1 Given Ordered

ONDANSETRON 8 mg tablet Oral daily for 1 day 0/1 Given Ordered

GEMCITABINE 1,600 mg (at 900 mg/m2) infusion Intravenous daily intermittent over 30 minutes for 1 day in sodium chloride 0.9% w/v 250 mL (1) at the rate of 500 mL/hr 0/1 Given Ordered

CARBOPLATIN 800 mg (at 6 AUC) infusion Intravenous daily intermittent over 60 minutes for 1 day in glucose 5% w/v 500 mL (2) at the rate of 500 mL/hr 0/1 Given Ordered

DEXAMETHASONE 4 mg tablet Oral b.d. for 3 days Ordered

METOCLOPRAMIDE 10 mg tablet Oral t.d.s. PRN Ordered

Feb 05, 2016 Cycle 1 - Day 8 Carboplatin (AUC 6)-Gemcitabine

METOCLOPRAMIDE 10 mg tablet Oral daily for 1 day 0/1 Given Ordered

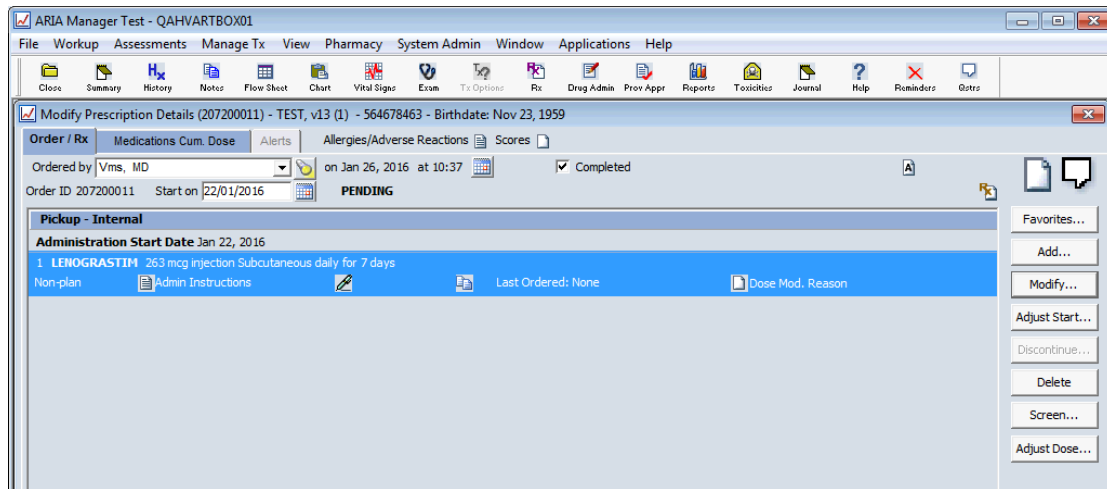
GEMCITABINE 1,600 mg (at 900 mg/m2) infusion Intravenous daily intermittent over 30 minutes for 1 day in sodium chloride 0.9% w/v 250 mL (1) at the rate of 500 mL/hr 0/1 Given Ordered

Order... New... Scores Select

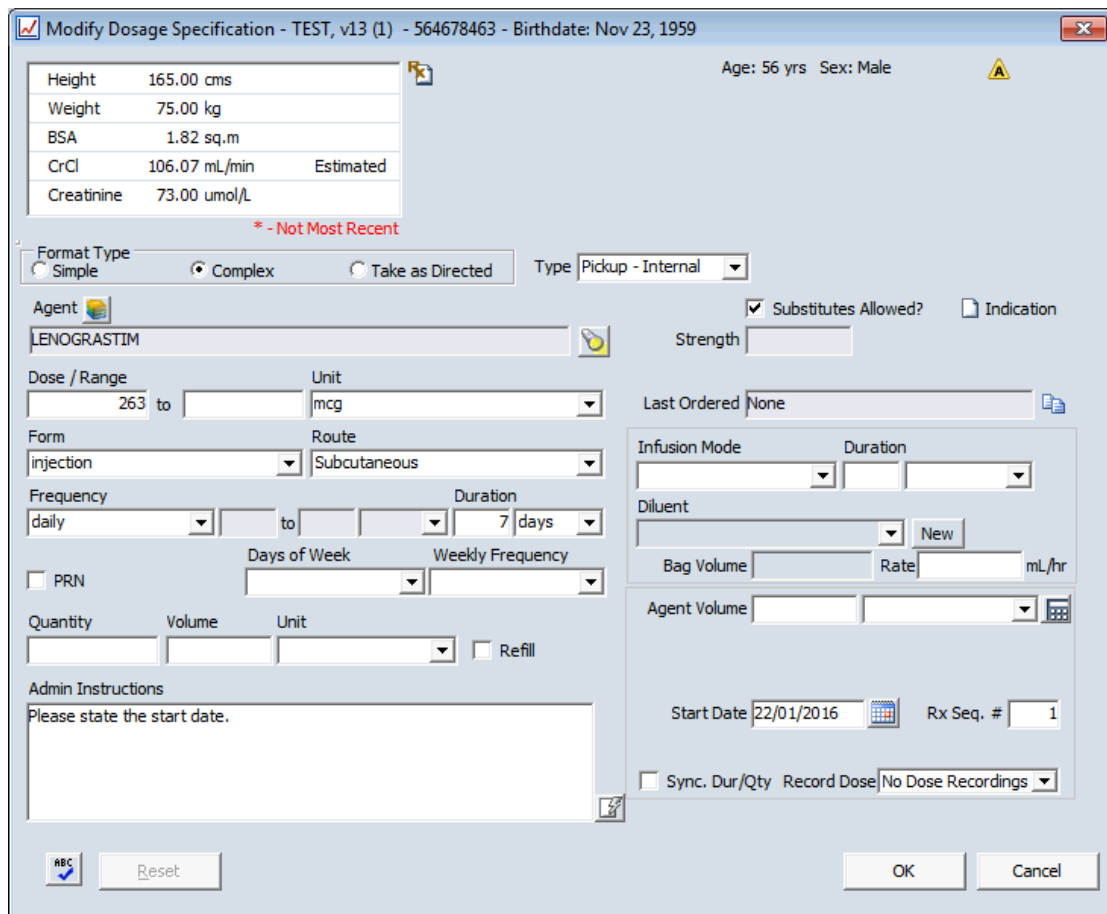
Close

Ready Kimber, Donna RSH Outpt Clinic - TEST Jan 22, 2016 15:07

If you need to add any additional information to an agent eg actual start date for GCSF – highlight agent



Click Modify



The Admin Instructions box on the bottom left of the screen contains the information that will print of any prescription. Therefore enter the start date in the Admin Instructions box.

Modify Dosage Specification - TEST, v13 (1) - 564678463 - Birthdate: Nov 23, 1959

Height	165.00 cms
Weight	75.00 kg
BSA	1.82 sq.m
CrCl	106.07 mL/min Estimated
Creatinine	73.00 umol/L

Age: 56 yrs Sex: Male

* - Not Most Recent

Format Type: Simple Complex Take as Directed Type: Pickup - Internal

Agent: **LENOGRASTIM** Substitutes Allowed? Indication

Dose / Range: 263 to Unit: mcg

Form: injection Route: Subcutaneous

Frequency: daily Duration: 7 days

PRN Days of Week: Weekly Frequency:

Quantity: Volume: Unit: Refill

Admin Instructions: To start on day 5 of the cycle.

Infusion Mode: Duration: Diluent: Bag Volume: Rate: mL/hr Agent Volume: Start Date: 22/01/2016 Rx Seq. #: 1

Sync. Dur/Qty Record Dose: No Dose Recordings

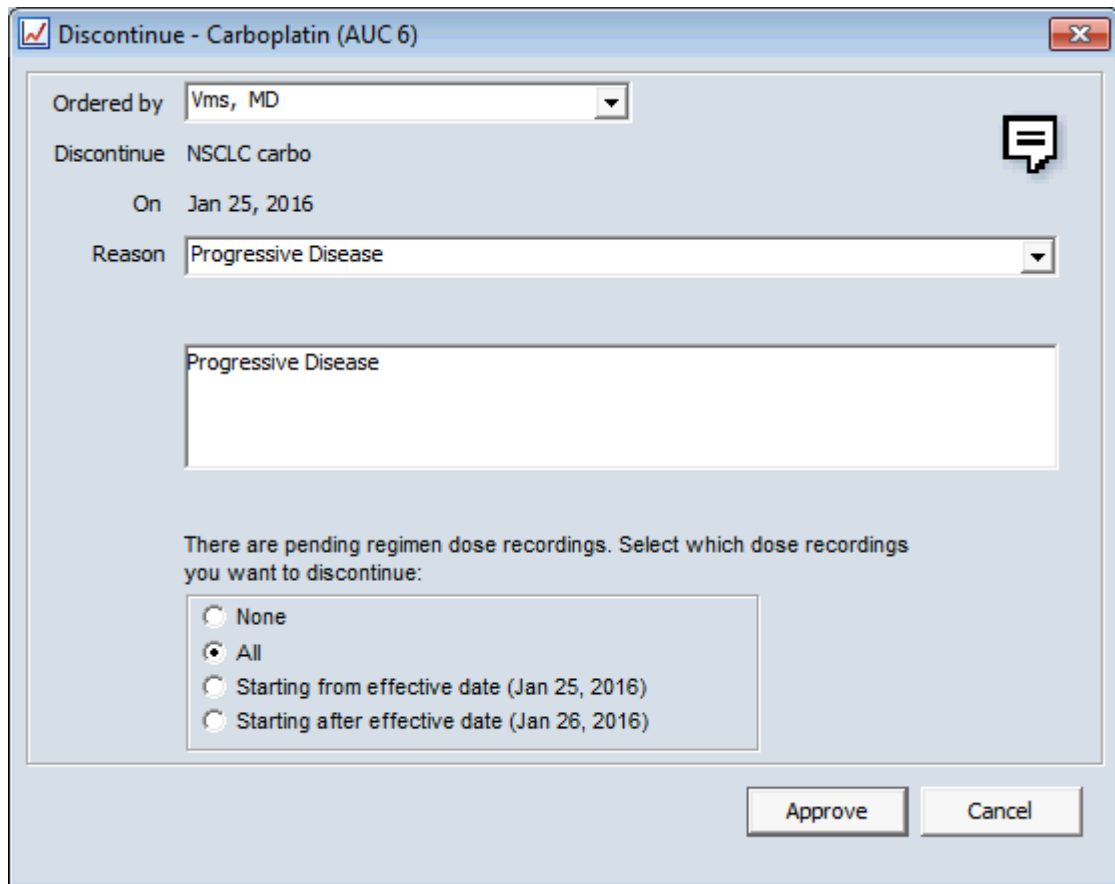
Click OK

Discontinue – the following message will appear

ARIA Message - Confirmation

Are you sure you want to discontinue this patient from NSCLC carbo?

By clicking yes the following box will appear, as above click the speech bubble before approving.



Discontinue - Carboplatin (AUC 6)

Ordered by: Vms, MD

Discontinue: NSCLC carbo

On: Jan 25, 2016

Reason: Progressive Disease

Progressive Disease

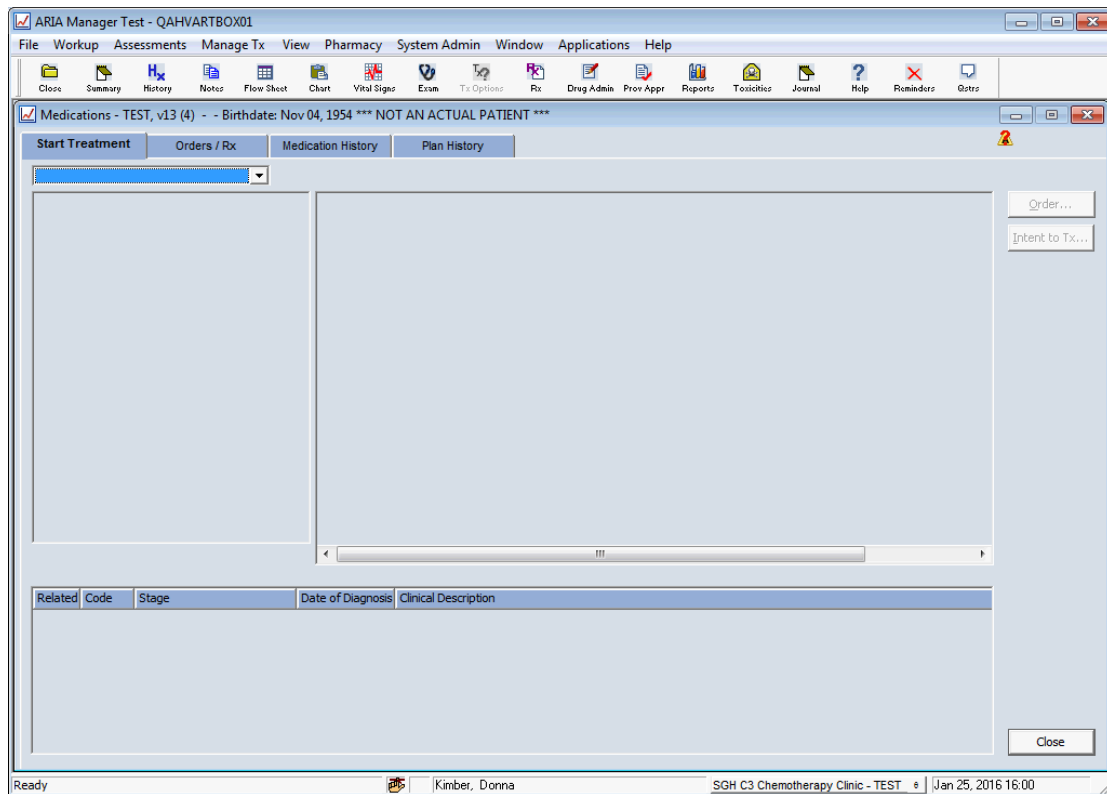
There are pending regimen dose recordings. Select which dose recordings you want to discontinue:

None
 All
 Starting from effective date (Jan 25, 2016)
 Starting after effective date (Jan 26, 2016)

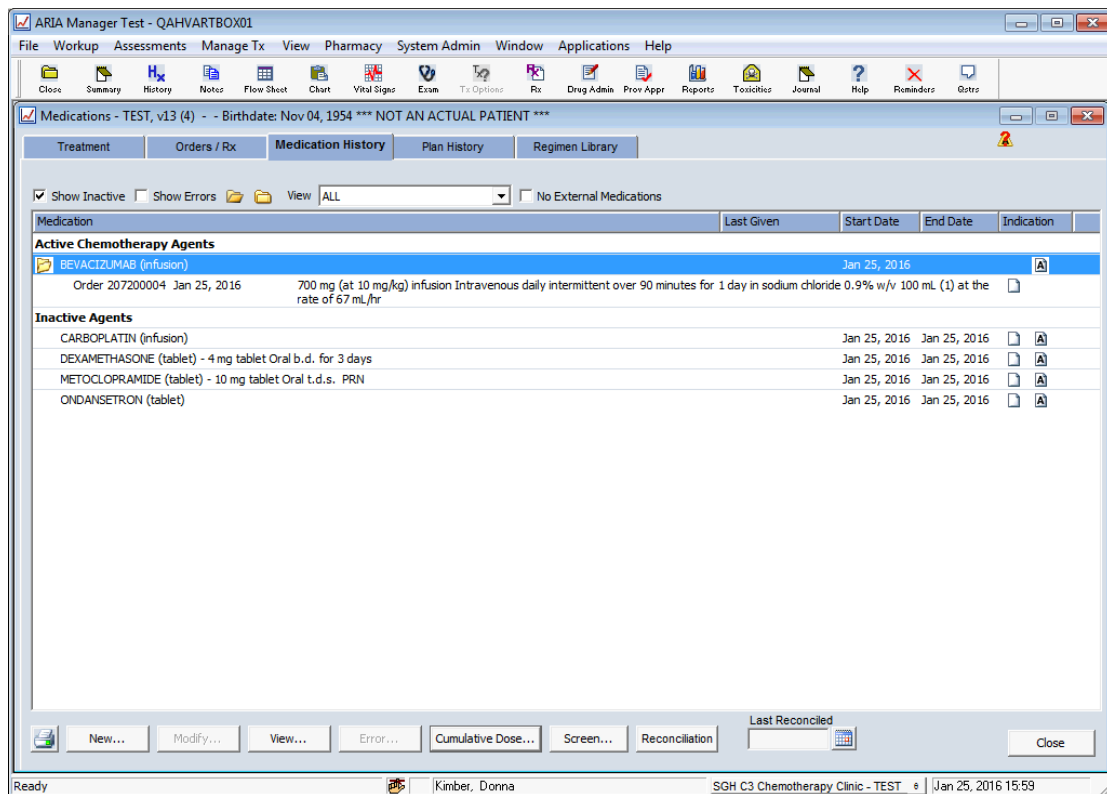
Approve Cancel

NB – If you are discontinuing a regimen but there are still agents to be administered ensure you select the correct dose recordings you wish to discontinue. It may be that you need to select “Starting from effective date ... “ to enable to the remaining agents from the cycle to be administered.

Once approved the following will appear



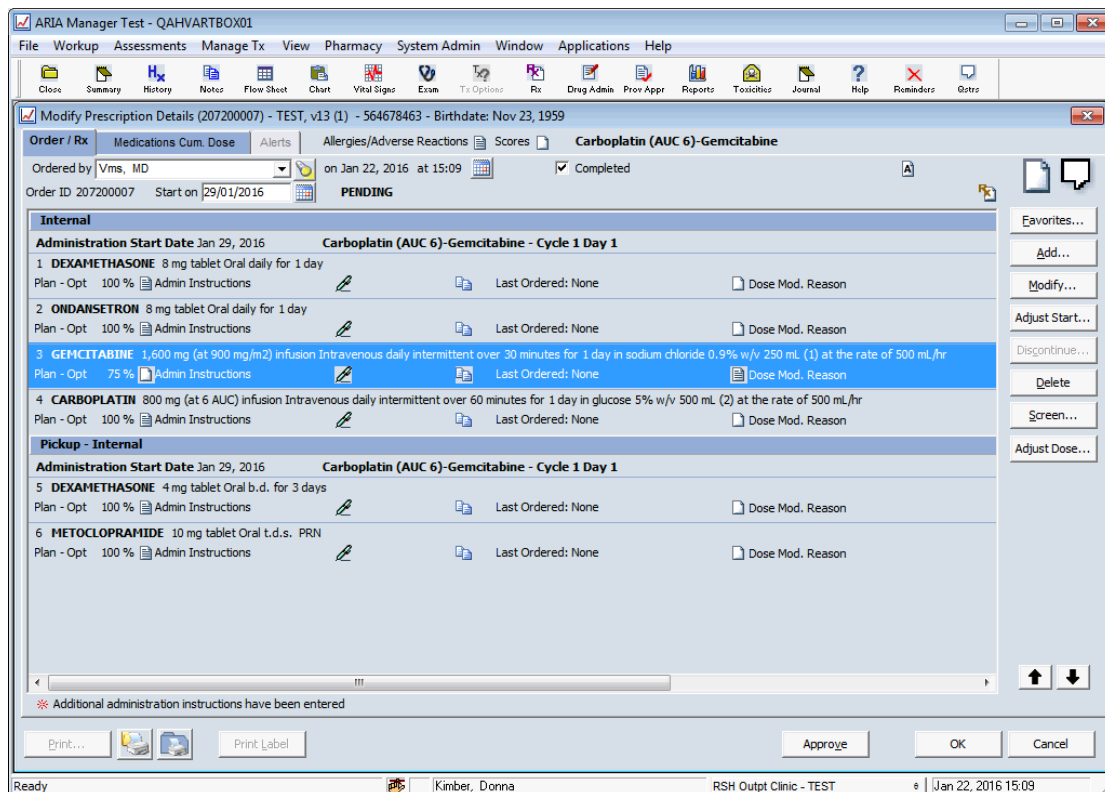
By clicking on the medication history you will see all previous treatment.



A patient must have treatment discontinued before any new treatment can be allocated.

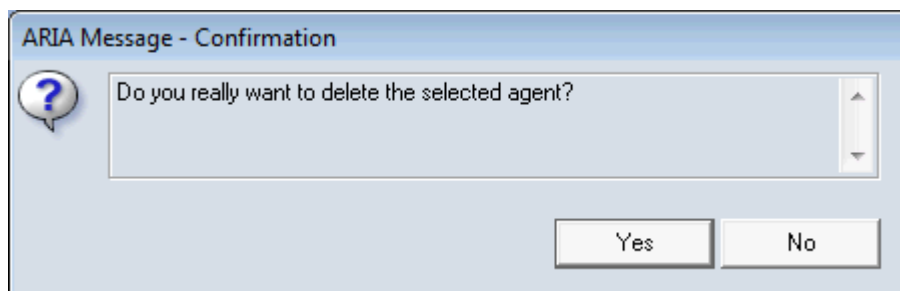
NB – any extra antiemetic support medication associated with the treatment must also be discontinued BEFORE the treatment, it will not automatically be discontinued with the treatment, you need to select each regimen and discontinue as above.

To delete an **agent** in a regimen:



By highlighting an agent the Delete button becomes available (NB it is preferable to delete rather than discontinue to enable ability to “undelete” the agent in future cycles if necessary).

This confirmation message will appear.



ARIA Manager Test - QAHVARTBOX01

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

Close Summary History Notes Flow Sheet Chart Vital Signs Exam Tx Options Rx Drug Admin Prov Appr Reports Toxicities Journal Help Reminders Alerts

Modify Prescription Details (207200007) - TEST, v13 (1) - 564678463 - Birthdate: Nov 23, 1959

Order / Rx Medications Cum. Dose Alerts Allergies/Adverse Reactions Scores **Carboplatin (AUC 6)-Gemcitabine**

Ordered by Vms, MD on Jan 22, 2016 at 15:09 Completed

Order ID 207200007 Start on 29/01/2016 PENDING

Internal

Administration Start Date Jan 29, 2016 **Carboplatin (AUC 6)-Gemcitabine - Cycle 1 Day 1**

1	DEXAMETHASONE 8 mg tablet Oral daily for 1 day	Plan - Opt 100 %	Admin Instructions	Last Ordered: None	Dose Mod. Reason
2	ONDANSETRON 8 mg tablet Oral daily for 1 day	Plan - Opt 100 %	Admin Instructions	Last Ordered: None	Dose Mod. Reason
3	GEMCITABINE 1,600 mg (at 900 mg/m ²) infusion Intravenous daily intermittent over 30 minutes for 1 day in sodium chloride 0.9% w/v 250 mL (1) at the rate of 500 mL/hr	Plan - Opt 75 %	Admin Instructions	Last Ordered: None	Dose Mod. Reason
4	CARBOPLATIN 800 mg (at 6 AUC) infusion Intravenous daily intermittent over 60 minutes for 1 day in glucose 5% w/v 500 mL (2) at the rate of 500 mL/hr	Plan - Opt 100 %	Admin Instructions	Last Ordered: None	Dose Mod. Reason

Pickup - Internal

Administration Start Date Jan 29, 2016 **Carboplatin (AUC 6)-Gemcitabine - Cycle 1 Day 1**

5	DEXAMETHASONE 4 mg tablet Oral b.d. for 3 days	Plan - Opt 100 %	Admin Instructions	Last Ordered: None	Dose Mod. Reason
6	METOCLOPRAMIDE 10 mg tablet Oral t.d.s. PRN	Plan - Opt 100 %	Admin Instructions	Last Ordered: None	Dose Mod. Reason

* Additional administration instructions have been entered

Print... Print Label Approve OK Cancel

Ready Kimber, Donna RSH Outpt Clinic - TEST Jan 22, 2016 15:10

The deleted agent appears on the Orders/Rx window scored out and also when Approved in the Treatment window

ARIA Manager Test - QAHVARTBOX01

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

Close Summary History Notes Flow Sheet Chart Vital Signs Exam Tx Options Rx Drug Admin Prov Appr Reports Toxicities Journal Help Reminders Alerts

Medications - TEST, v13 (1) - 564678463 - Birthdate: Nov 23, 1959

Treatment Orders / Rx Medication History Plan History Regimen Library

Treatments

Carboplatin (AUC 6)-Gemcitabine
4 x 21 days

Cycle Cycle Start

1	* Jan 29, 2016
2	Feb 19, 2016
3	Mar 11, 2016
4	Apr 01, 2016

Jan 22, 2016 Cycle 1 - Day 1 Delayed Carboplatin (AUC 6)-Gemcitabine

Other Drugs Ordered (Jan, 22, 2016)

<input type="checkbox"/>	LENOGRASTIM 263 mcg injection Subcutaneous daily for 7 days	Ordered	
--------------------------	---	---------	--

Jan 29, 2016 Cycle 1 - Day 1 Carboplatin (AUC 6)-Gemcitabine

	DEXAMETHASONE 8 mg tablet Oral daily for 1 day	0/1 Given	Ordered	
	ONDANSETRON 8 mg tablet Oral daily for 1 day	0/1 Given	Ordered	
	GEMCITABINE 1,600 mg (at 900 mg/m ²) infusion Intravenous daily intermittent over 30 minutes for 1 day in sodium chloride 0.9% w/v 250 mL (1) at the rate of 500 mL/hr	Deleted		
	CARBOPLATIN 800 mg (at 6 AUC) infusion Intravenous daily intermittent over 60 minutes for 1 day in glucose 5% w/v 500 mL (2) at the rate of 500 mL/hr	0/1 Given	Ordered	
	DEXAMETHASONE 4 mg tablet Oral b.d. for 3 days		Ordered	
	METOCLOPRAMIDE 10 mg tablet Oral t.d.s. PRN		Ordered	

Feb 05, 2016 Cycle 1 - Day 8 Carboplatin (AUC 6)-Gemcitabine

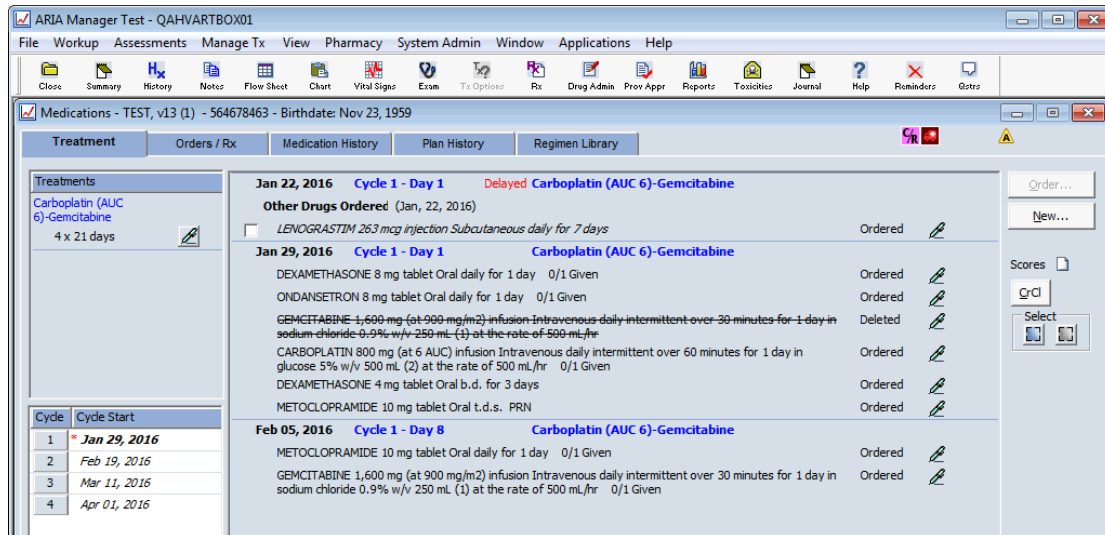
	METOCLOPRAMIDE 10 mg tablet Oral daily for 1 day	0/1 Given	Ordered	
	GEMCITABINE 1,600 mg (at 900 mg/m ²) infusion Intravenous daily intermittent over 30 minutes for 1 day in sodium chloride 0.9% w/v 250 mL (1) at the rate of 500 mL/hr	0/1 Given	Ordered	

Order... New... Scores Cr Select

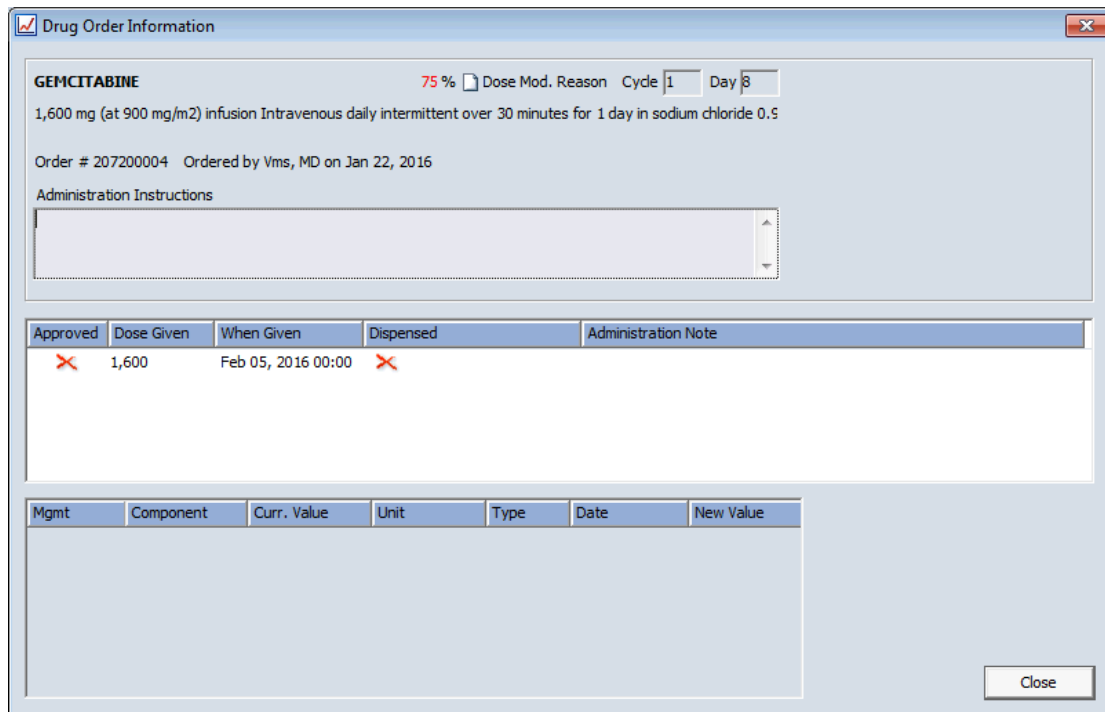
Close

Ready Kimber, Donna RSH Outpt Clinic - TEST Jan 22, 2016 15:11

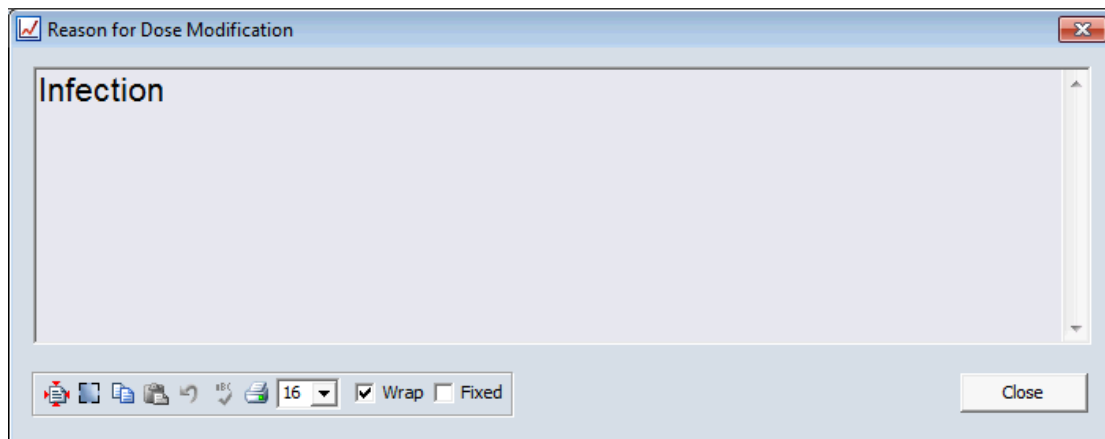
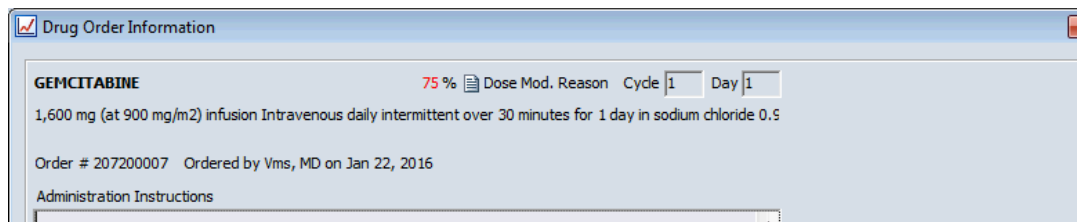
Another useful way of finding information about the current treatment is in the Treatment window; by clicking on the pen icon at the end of each line you can view information about each drug for each specific day of each cycle, the same information can also be found in Flow Sheet (see section 7).



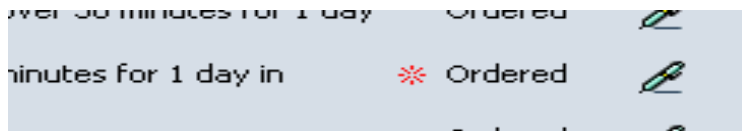
For example, gemcitabine - shows dose given, the red cross indicates not Dispensed



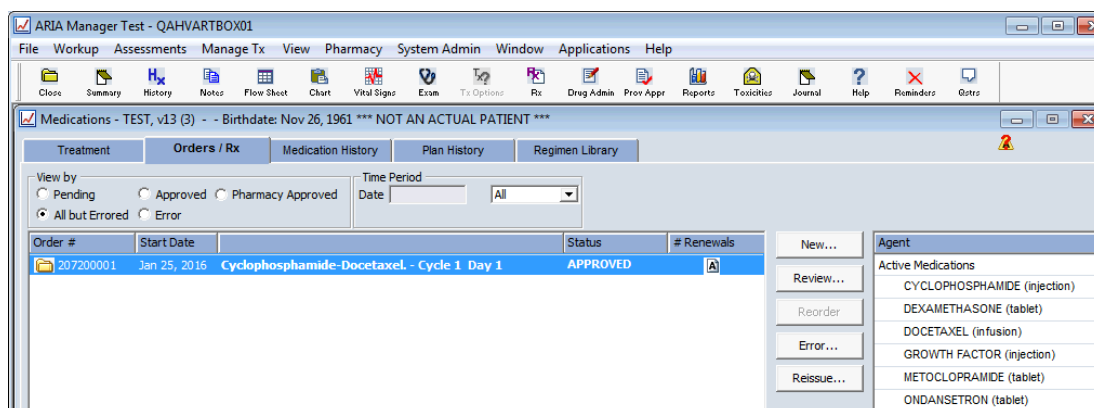
For example gemcitabine - indicates a drug modification any Dose Mod Reason can be viewed by clicking on page to show any reason entered.



NB a red star appears next to Ordered if the dose administered in Drug Admin differs from that Approved by the prescriber, the reason for this may be that pharmacy made an amendment when dispensing the drug, which would follow through to the Drug Admin window but would not change the original prescribed dose. For this amended dose to appear in future cycle the prescriber would need to adjust the dose in the Treatment window.



If a prescriber has Approved treatment and then wishes to amend any part of the prescription, in the Orders Rx window the order can be **re-issued** (5th button down on right of screen) causing the treatment to be put back into a Pending state for the prescriber to amend and then Approved in the usual.



However a prescription cannot be re-issued if pharmacy has already dispensed it, it would need to be discontinued or 'un-dispensed' by pharmacy. If only the dates need changing this could be carried out in the Drug Admin window (see section 10).

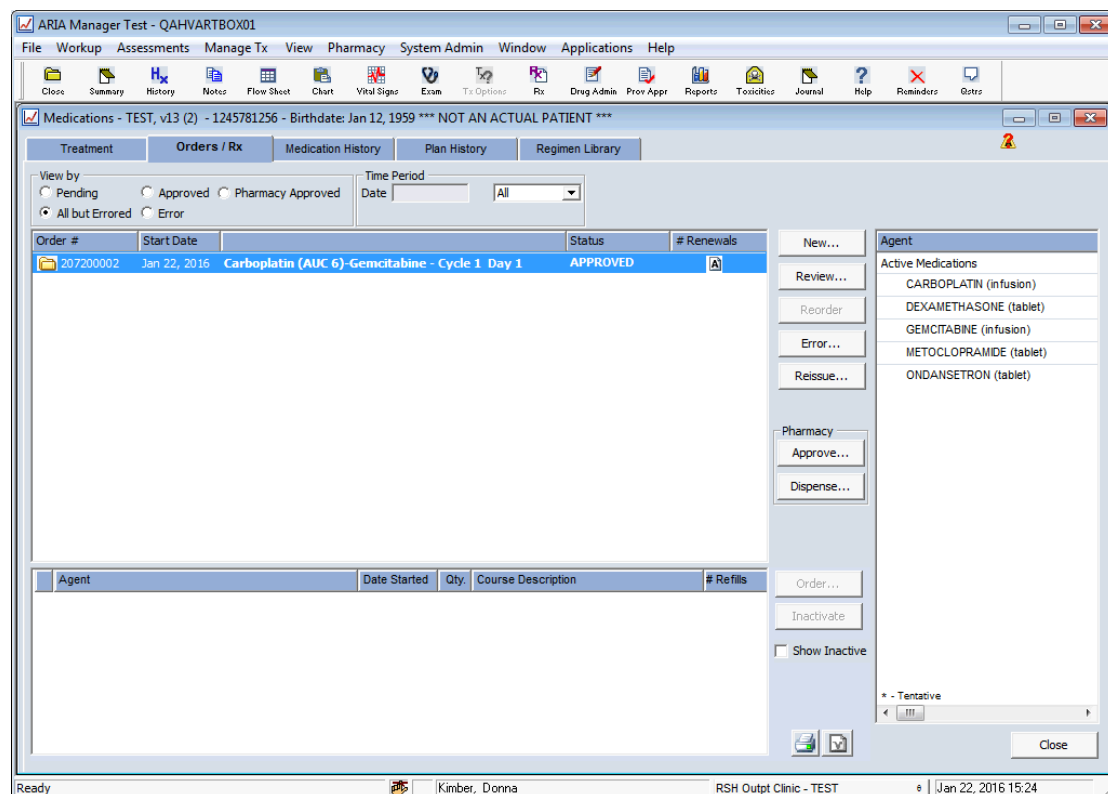
NB Once prescription Approved by prescriber and pharmacy either prescriber/nurse/pharmacy can move the date without the need to re-issue the prescription. By moving the date this will not produce a different pharmacy order number (yellow file) because no clinical amendments have been made.

9 PHARMACY

Suggested order for pharmacy screening;

- **Check patient journal to look at any relevant information entered by doctor, nurse, pharmacy etc**
- **Check bloods in flow sheet**
- **Check doctor approval time**
- **Pharmacy approve – check doses, can “review” prescription and screen**
- **Pharmacy dispense**

Once all the treatment has been approved pharmacy then need to review and approve the prescription. Click the Orders / Rx tab to open the following window (***NB at this point the prescription can be re-issued back to the prescriber should any amendments be necessary – click Reissue button***)



You will now see that this treatment has been approved, if you click on the A after Approved you will see who prescribed (created), approved, signed (electronic authorisation box) and last modified the treatment (Prescription Order Audit Report).

Action	User	Date/Time
Created	Kimber, Donna	Jan 22, 2016 15:24
Approved	Kimber, Donna	Jan 22, 2016 15:24
Last Modified	Kimber, Donna	Jan 22, 2016 15:24

Close

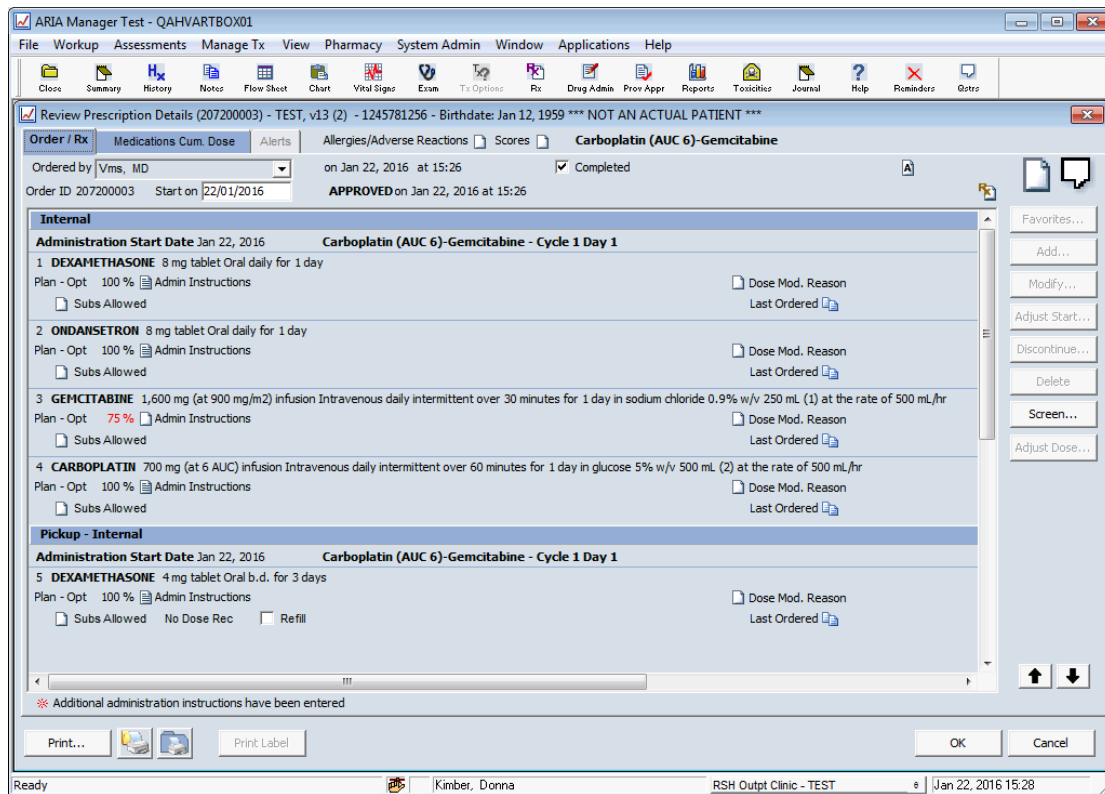
Click on the yellow folder in the Order # column to open the treatment

The screenshot shows the 'Medications - TEST, v13 (2) - 1245781256 - Birthdate: Jan 12, 1959 *** NOT AN ACTUAL PATIENT ***' window. The 'Orders / Rx' tab is active, displaying a list of medications. The first row is highlighted in blue and has a yellow folder icon in the 'Order #' column.

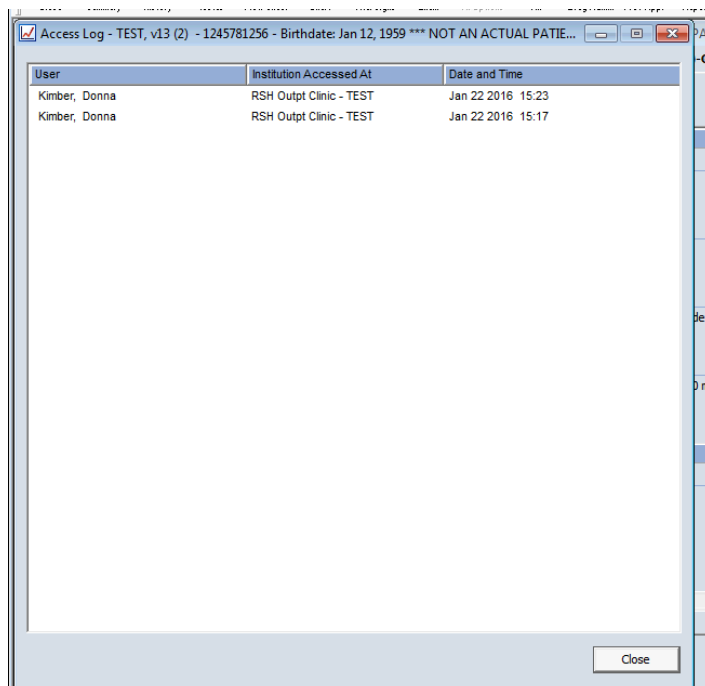
Order #	Start Date	Carboplatin (AUC 6)-Gemcitabine - Cycle 1 Day 1	Status	# Renewals
207200003	Jan 22, 2016	Carboplatin (AUC 6)-Gemcitabine - Cycle 1 Day 1	APPROVED	0
		DEXAMETHASONE 8 mg tablet Oral daily for 1 day (Internal)	Start Date: Jan 22, 2016	0
		ONDANSETRON 8 mg tablet Oral daily for 1 day (Internal)	Start Date: Jan 22, 2016	0
		GEMCITABINE 1,600 mg (at 900 mg/m2) infusion Intravenous daily intermittent over 30 minutes for 1 day in sodium chloride 0.9% w/v 250 mL (1) at the rate of 500 mL/hr (Internal)	Start Date: Jan 22, 2016	0
		CARBOPLATIN 700 mg (at 6 AUC) infusion Intravenous daily intermittent over 60 minutes for 1 day in glucose 5% w/v 500 mL (2) at the rate of 500 mL/hr (Internal)	Start Date: Jan 22, 2016	0
		DEXAMETHASONE 4 mg tablet Oral b.d. for 3 days (Pickup - Internal)	Start Date: Jan 22, 2016	0
		METOCLOPRAMIDE 10 mg tablet Oral t.d.s. PRN (Pickup - Internal)	Start Date: Jan 22, 2016	0

On the right side of the window, there is a sidebar with the following buttons: New..., Review..., Regrder, Error..., Reissue..., Pharmacy, Approve..., Dispense..., Order..., Inactivate, and Show Inactive. Below these buttons is a section for 'Agent' with a list of active medications: CARBOPLATIN (infusion), DEXAMETHASONE (tablet), GEMCITABINE (infusion), METOCLOPRAMIDE (tablet), and ONDANSETRON (tablet).

Click Review tab on the right to review the prescription details in pharmacy



View on the top tool bar will show all users who have accessed the patient record (select View - Access Log from drop down menu) – it shows user with date and time.



By clicking on the Rx button (right of screen) you can show the BSA (Dose Calculation Management)

Mgmt	Component	Curr. Value	Unit	Type	Date	New Value
	Height	165.00	cms	Actual	Jan 22, 2016	165.00
	Weight	75.00	kg	Actual	Jan 22, 2016	75.00
	BSA (derived)	1.82	sq.m	Actual	Jan 22, 2016	1.82
	CrCl	89.09	mL/min	Estimated	Jan 22, 2016	89.09

If “Cap” appears because Aria has capped the dose at 2.4m² you can click “Actual” OR “Cap” to switch between them should you have a large patient that you do not want to cap at 2.4m². You cannot reduce the capped dose to 2m² at this point the prescriber would need to “modify” the dose in the treatment window.

By clicking the Screen... button on the right of the screen the following window appears, this links to the First Data Bank drug system showing interactions, contraindications, warnings etc.

First Databank Screening - TEST, v13 (2) - 1245781256 - Birthdate: Jan 12, 1959 *** NOT AN ACTUAL PATIENT ***

Summary Interactions Sensitivities/Allergies Contraindications Warnings Precautions Disclaimer

Screening Results for All Drugs
 Interactions **1** Sensitivities/Allergies **0** Contraindications **22** Warnings **98** Precautions **75**

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

Agent Name	Form	Reaction Type	Response
Agents on Current Prescription			
CARBOPLATIN	infusion		
DEXAMETHASONE	tablet		
GEMCITABINE	infusion		
METOCLOPRAMIDE	tablet		
ONDANSETRON	tablet		

Code	Clinical Description
Primary	
C34.2	Malignant neoplasm: Middle lobe, bronchus or lung

* - Excluded from screening - Using all possible forms for allergy

Print Close

Multilex DDF

Once pharmacy has reviewed the prescription it then needs to be approved and dispensed by pharmacy.

ARIA Manager Test - QAHVARTBOX01

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

Close Summary History Notes Flow Sheet Chart Vital Signs Exam Tx Options Rx Drug Admin Prior Appr Reports Toxicities Journal Help Reminders Alerts

Medications - TEST, v13 (2) - 1245781256 - Birthdate: Jan 12, 1959 *** NOT AN ACTUAL PATIENT ***

Treatment Orders / Rx Medication History Plan History Regimen Library

View by
 Pending Approved Pharmacy Approved All but Errored Error

Time Period
 Date: [] [] [] All

Order #	Start Date	Agent	Status	# Renewals
207200003	Jan 22, 2016	Carboplatin (AUC 6)-Gemcitabine - Cycle 1 Day 1	APPROVED	1

New... Review... Reorder... Error... Reissue...

Pharmacy Approve... Dispense...

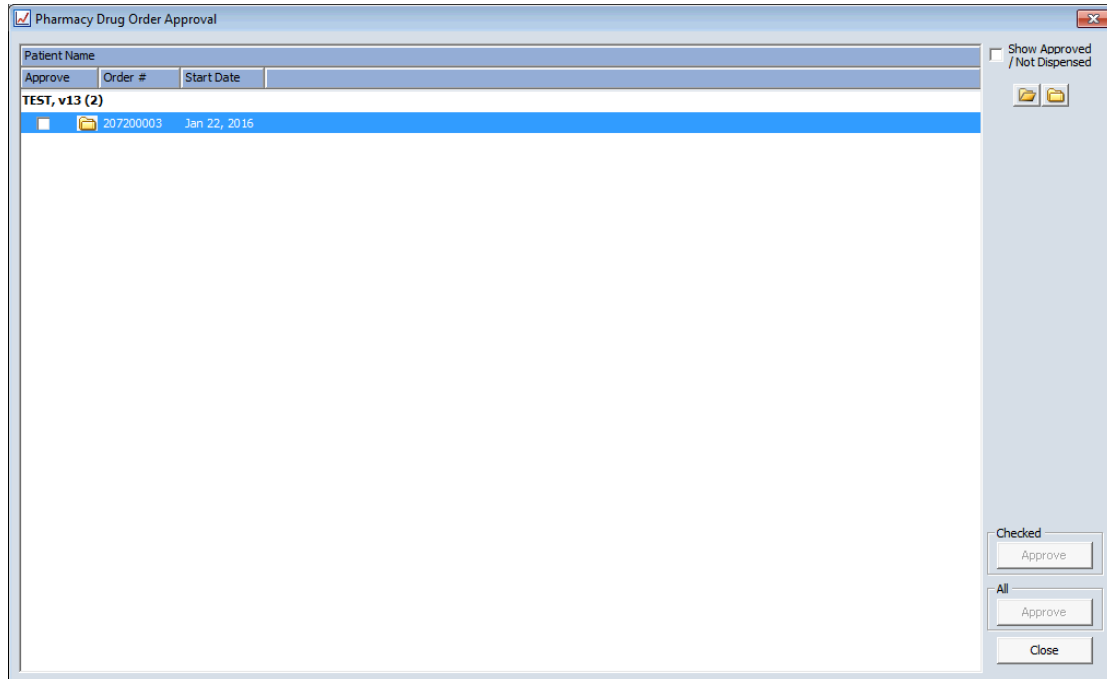
Agent	Date Started	Qty	Course Description	# Refills
Active Medications				
CARBOPLATIN (infusion)				
DEXAMETHASONE (tablet)				
GEMCITABINE (infusion)				
METOCLOPRAMIDE (tablet)				
ONDANSETRON (tablet)				

Order... Inactivate Show Inactive

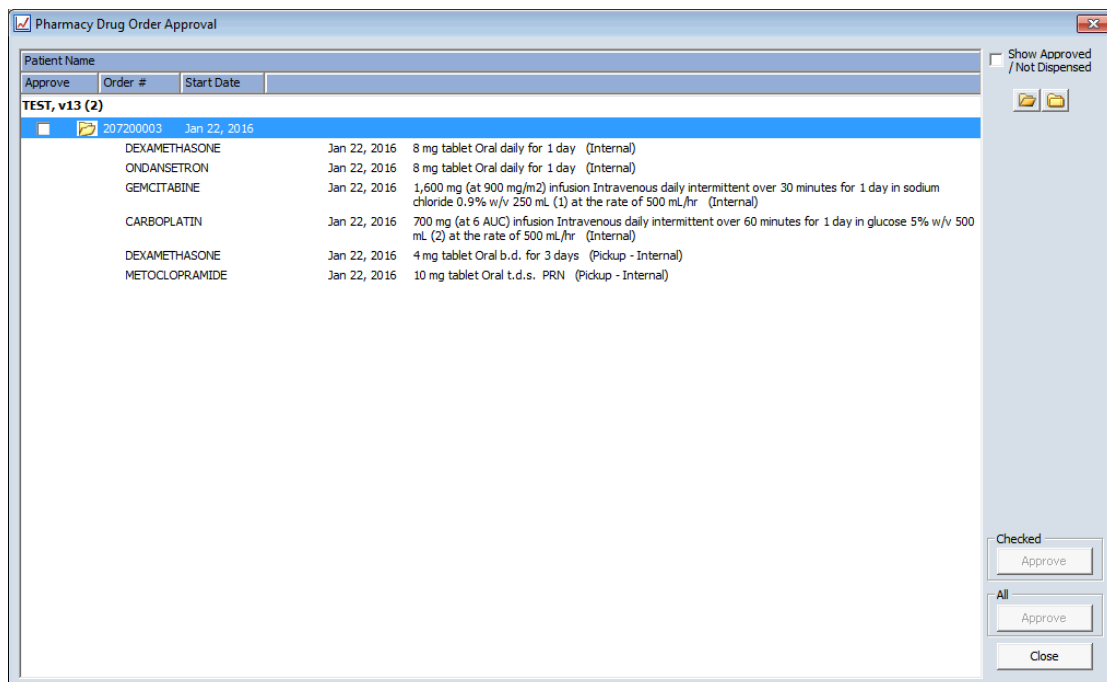
* - Tentative

Ready Kimber, Donna RSH Output Clinic - TEST Jan 22, 2016 15:32

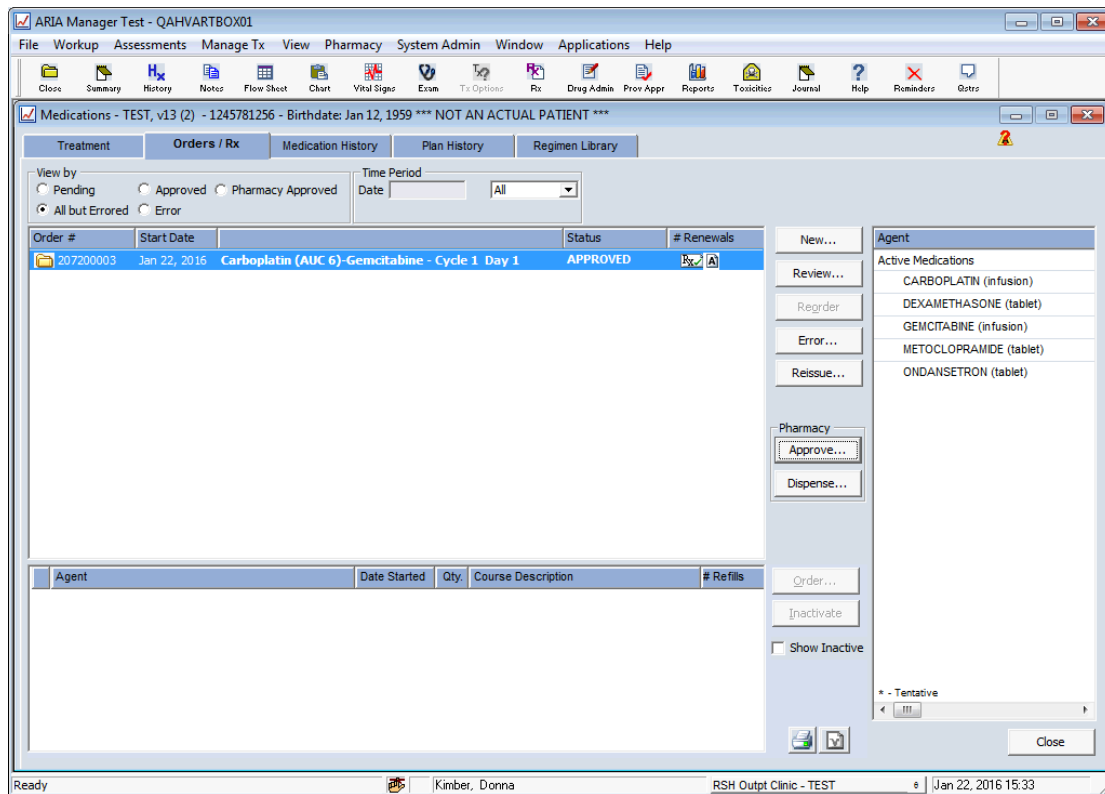
Click on Pharmacy Approve button on the right of screen, following window appears



Click on the yellow file to open the treatment, as below

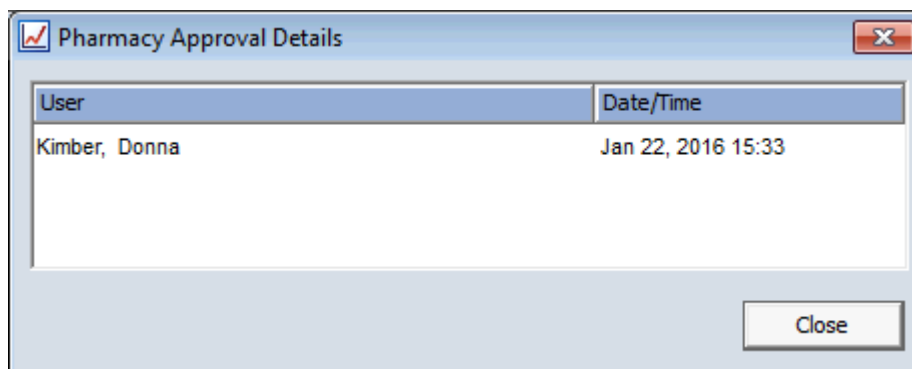


Tick the box next to the prescription and then click the Checked Approve button.



A button = Ordered by Audit eg prescriber

By clicking on the Rx button you can see who approved the treatment in pharmacy



This is for **all** agents you cannot select individual agents therefore when you see the Rx it means that the whole prescription will be approved and therefore OK to dispense.

To dispense the prescription in pharmacy click the Pharmacy Dispense button, the following window appears

Prescription Dispensing - TEST, v13 (2) - 1245781256 - Birthdate: Jan 12, 1959 *** NOT AN ACTUAL PATIENT ***

Ordered by Vms, MD on Jan 22, 2016 at 15:26 Order ID 207200003 Approved on Jan 22, 2016 at 15:26

Age: 57 Sex: Female Comments Dx/Problems Medications

Select Today Dispensed From: Royal South Hants Hospit Infusion Rate Override * Dispensing details modified Show Errors Print Label

Start Date	Agent Description	Location	Dispensing Status	Preparation Type
Jan 22, 2016	DEXAMETHASONE 8 mg tablet Oral daily for 1 day (Internal)	100 %		
	ONDANSETRON 8 mg tablet Oral daily for 1 day (Internal)	100 %		
	GEMCITABINE 1,600 mg (at 900 mg/m2) infusion Intravenous daily intermittent over 30 minutes for 1 day in sodium chloride 0.9% w/v 250 mL (1) at the rate of 500 mL/hr (Internal)	75 %		
	CARBOPLATIN 700 mg (at 6 AUC) infusion Intravenous daily intermittent over 60 minutes for 1 day in glucose 5% w/v 500 mL (2) at the rate of 500 mL/hr (Internal)	100 %		
	DEXAMETHASONE 4 mg tablet Oral b.d. for 3 days (Pickup - Internal)	100 %	Royal South Hants Hospital	
	METOCLOPRAMIDE 10 mg tablet Oral t.d.s. PRN (Pickup - Internal)	100 %	Royal South Hants Hospital	

Dispense... Error... Delete... View... ↑ ↓ Cancel Dispensing... Adjust Location... Billing... Close

Click on each yellow folder to open each drug, the Admin Date will appear

Prescription Dispensing - TEST, v13 (2) - 1245781256 - Birthdate: Jan 12, 1959 *** NOT AN ACTUAL PATIENT ***

Ordered by Vms, MD on Jan 22, 2016 at 15:26 Order ID 207200003 Approved on Jan 22, 2016 at 15:26

Age: 57 Sex: Female Comments Dx/Problems Medications

Select Today Dispensed From: Royal South Hants Hospit Infusion Rate Override * Dispensing details modified Show Errors Print Label

Start Date	Agent Description	Location	Dispensing Status	Preparation Type
Jan 22, 2016	DEXAMETHASONE 8 mg tablet Oral daily for 1 day (Internal)	100 %		
	ONDANSETRON 8 mg tablet Oral daily for 1 day (Internal)	100 %		
	GEMCITABINE 1,600 mg (at 900 mg/m2) infusion Intravenous daily intermittent over 30 minutes for 1 day in sodium chloride 0.9% w/v 250 mL (1) at the rate of 500 mL/hr (Internal)	75 %		
	CARBOPLATIN 700 mg (at 6 AUC) infusion Intravenous daily intermittent over 60 minutes for 1 day in glucose 5% w/v 500 mL (2) at the rate of 500 mL/hr (Internal)	100 %		
	DEXAMETHASONE 4 mg tablet Oral b.d. for 3 days (Pickup - Internal)	100 %	Royal South Hants Hospital	
	METOCLOPRAMIDE 10 mg tablet Oral t.d.s. PRN (Pickup - Internal)	100 %	Royal South Hants Hospital	

Dispense... Error... Delete... View... ↑ ↓ Cancel Dispensing... Adjust Location... Billing... Close

Click the Dispense button on bottom left of the screen, the following window appears

Modify Dispensing Details - TEST, v13 (2) - 1245781256 - Birthdate: Jan 12, 1959 *** NOT AN ACTUAL PATIENT ***

Ordered by Vms, MD on Jan 22, 2016 at 15:26 Order ID 207200003 Approved on Jan 22, 2016 at 15:26

Agent Description	Dispensed By	Date Dispensed	Drug Lot #	Manufacturer	Expiry Date	Prep Wastage	Comments
Jan 22, 2016							
CARBOPLATIN 700 mg (at 6 AUC) infusion Intravenous daily intermittent over 60 minutes for 1 day in glucose 5% w/v 500 mL (2) at the rate of 500 mL							
Details for agent							
→ Modify Dose...	Kimber, Donna	22/01/2016	124578		00/00/0000	00:00	mg

Quantity	Size/Unit	Product Name	Remaining Quantity

Dispensing From:
Royal South Hants Hospital
* Dispensing details modified

Product Dispensing
 Agents Diluent

Approve
OK
Cancel

At this point, if necessary, a pharmacy batch number can be added in the Drug Lot # field eg 124578

This can then be viewed by nurses in the drug admin window

ARIA Manager Test - QAHVARTBOX01

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

Close Summary History Notes Flow Sheet Chart Vital Signs Exam Tx Options Rx Drug Admin Prev App Reports Toxicities Journal Help Reminders Ostr

Dose Recording - TEST, v13 (2) - Birthdate: Jan 12, 1959 *** NOT AN ACTUAL PATIENT ***

CARBOPLATIN 100% Order # 207200003 Tx Optional C1 / D1
700 mg (at 6 AUC) infusion Intravenous daily intermittent over 60 minutes for 1 day in glucose 5% w/v 500 mL (2) at the rate of 500 mL/hr
Dispensed: 650 mg (at 5.6973 AUC) infusion Intravenous daily intermittent over 60 minutes for 1 day in glucose 5% w/v 500 mL (2) at the rate of 500 mL/hr

Dose Seq.	Admin. Date/Time	# Doses	Amt. Received	Duration	Prep Wastage
Dose 1 of 1	Expected 22/01/2016 00:00	1			
PENDING	Actual 22/01/2016 00:00	1	650 mg		
Dispensing	End 22/01/2016 00:00				Drug Lot #: 124578
Disp Admin Instr			<input type="checkbox"/> Not Given <input type="checkbox"/> Refused		Manufacturer:

Recorded As Per
 Clinic / Hospital
 Patient
 Agency

Any additional dispensing comments can be added in the note pad at the end of each agent, this can also be view by nurses in the drug admin window by clicking on the page icon next to Dispensing

Dispensing Comments

Dose rounded

OK Cancel

Modify Dispensing Details - TEST, v13 (2) - 1245781256 - Birthdate: Jan 12, 1959 *** NOT AN ACTUAL PATIENT ***

Ordered by Vms, MD on Jan 22, 2016 at 15:26 Order ID 207200003 Approved on Jan 22, 2016 at 15:26

Agent Description	Dispensed By	Date Dispensed	Drug Lot #	Manufacturer	Expiry Date	Prep Wastage	Comments
Jan 22, 2016							
CARBOPLATIN 700 mg (at 6 AUC) infusion Intravenous daily intermittent over 60 minutes for 1 day in glucose 5% w/v 500 mL (2) at the rate of 500 mL							
Details for agent							
<input type="button" value="Modify Dose..."/> Kimber, Donna 22/01/2016 124578 00/00/0000 00:00 mg							

Quantity	Size/Unit	Product Name	Remaining Quantity

Dispensing From:
Royal South Hants Hospital
* Dispensing details modified

Product Dispensing
 Agents Diluent

At this point, if necessary, a drug dose could be modified by pharmacy, click Modify Dose button for the specific drug to be modified and the following window will appear. However this function should only be used as a last resort ie for compounding error so that the nurse drug administration screen is correct for the agent/vehicle supplied by pharmacy eg prescribed volume was 250ml but 500ml has been made or needs to be substituted to reduce wastage. It would be better to re-issue the prescription back to the prescriber to make any amendments.

Dispensing Dosage Specification - TEST, v13 (2) - 1245781256 - Birthdate: Jan 12, 1959 *** NOT AN ACTUAL PATIENT ***

Age: 57 yrs Sex: Female

Height	165.00 cms
Weight	75.00 kg
BSA	1.82 sq.m
CrCl	89.09 mL/min Estimated

* - Not Most Recent

Format Type: Simple Complex Take as Directed Type: Internal

Agent: CARBOPLATIN

Dose / Range: 650 to Unit: mg

Form: infusion Route: Intravenous

Frequency: daily Duration: 1 days

PRN:

Quantity: Volume: Unit:

Admin Instructions: The starting dose of carboplatin AUC 6 is used with calculated GFR and AUC 5 with EDTA clearance. Consider dose reduction for poor performance patients.

Substitutes Allowed? Indication:

Strength: Ordering Dose: 6 AUC

Infusion Mode: intermittent Duration: 60 minutes

Diluent: glucose 5% w/v 500 mL (2) Bag Volume: 500 Rate: 500 mL/hr

Agent Volume: Start Date: 22/01/2016 Rx Seq. #: 4

Buttons: ABC, Reset, OK, Cancel

When this Aria message box appears select No – this is because may agents have been set up as non standard Form/Route when dose banding was applied and if you click Yes you will be selecting a non dose banded agent.

ARIA Message - Notice

You have selected a Route that is not recognized as a standard administration for CARBOPLATIN.

Do you wish to select a standard Form / Route?

Buttons: Yes, No, Cancel

The reason for the dose modification can be entered and then will appear with a red star against each modified line.

Modify Dispensing Details - TEST, v13 (2) - 1245781256 - Birthdate: Jan 12, 1959 *** NOT AN ACTUAL PATIENT ***

Ordered by Vms, MD on Jan 22, 2016 at 15:26 Order ID 207200003 Approved on Jan 22, 2016 at 15:26

Agent Description	Dispensed By	Date Dispensed	Drug Lot #	Manufacturer	Expiry Date	Prep Wastage	Comments
Jan 22, 2016 CARBOPLATIN 700 mg (at 6 AUC) infusion Intravenous daily intermittent over 60 minutes for 1 day in glucose 5% w/v 500 mL (2) at the rate of 500 mL Details for agent → Modify Dose... Kimber, Donna 22/01/2016 124578 00/00/0000 00:00 mg *							

Quantity	Size/Unit	Product Name	Remaining Quantity

Dispensing From:
Royal South Hants Hospital
* Dispensing details modified

Product Dispensing
 Agents Diluent

Approve OK Cancel

The modification information can be viewed by clicking on the page button next to the red star and the following will appear as Dispensing Comments.

Dispensing Comments

Dose rounded

OK Cancel

Click Approve button on button right of screen this will return to the Prescription Dispensing window and the Dispensing details modified star now appears and the treatment is now showing as Dispensed

Prescription Dispensing - TEST, v13 (2) - 1245781256 - Birthdate: Jan 12, 1959 *** NOT AN ACTUAL PATIENT ***

Ordered by Vms, MD on Jan 22, 2016 at 15:26 Order ID 207200003 Approved on Jan 22, 2016 at 15:26

Age: 57 Sex: Female Comments Dx/Problems Medications

Select Today Dispensed From: Royal South Hants Hospit Infusion Rate Override * Dispensing details modified Show Errors Print Label

Start Date	Agent Description	Location	Dispensing Status	Preparation Type
Jan 22, 2016	DEXAMETHASONE 8 mg tablet Oral daily for 1 day (Internal)	100 %		
	ONDANSETRON 8 mg tablet Oral daily for 1 day (Internal)	100 %		
	GEMCITABINE 1,600 mg (at 900 mg/m2) infusion Intravenous daily intermittent over 30 minutes for 1 day in sodium chloride 0.9% w/v 250 mL (1) at the rate of 500 mL/hr (Internal)	75 %		
	CARBOPLATIN 700 mg (at 6 AUC) infusion Intravenous daily intermittent over 60 minutes for 1 day in glucose 5% w/v 500 mL (2) at the rate of 500 mL/hr (Internal)	* 100 %	Royal South Hants Hospital Dispensed A	
	DEXAMETHASONE 4 mg tablet Oral b.d. for 3 days (Pickup - Internal)	100 %	Royal South Hants Hospital	
	METOCLOPRAMIDE 10 mg tablet Oral t.d.s. PRN (Pickup - Internal)	100 %	Royal South Hants Hospital	

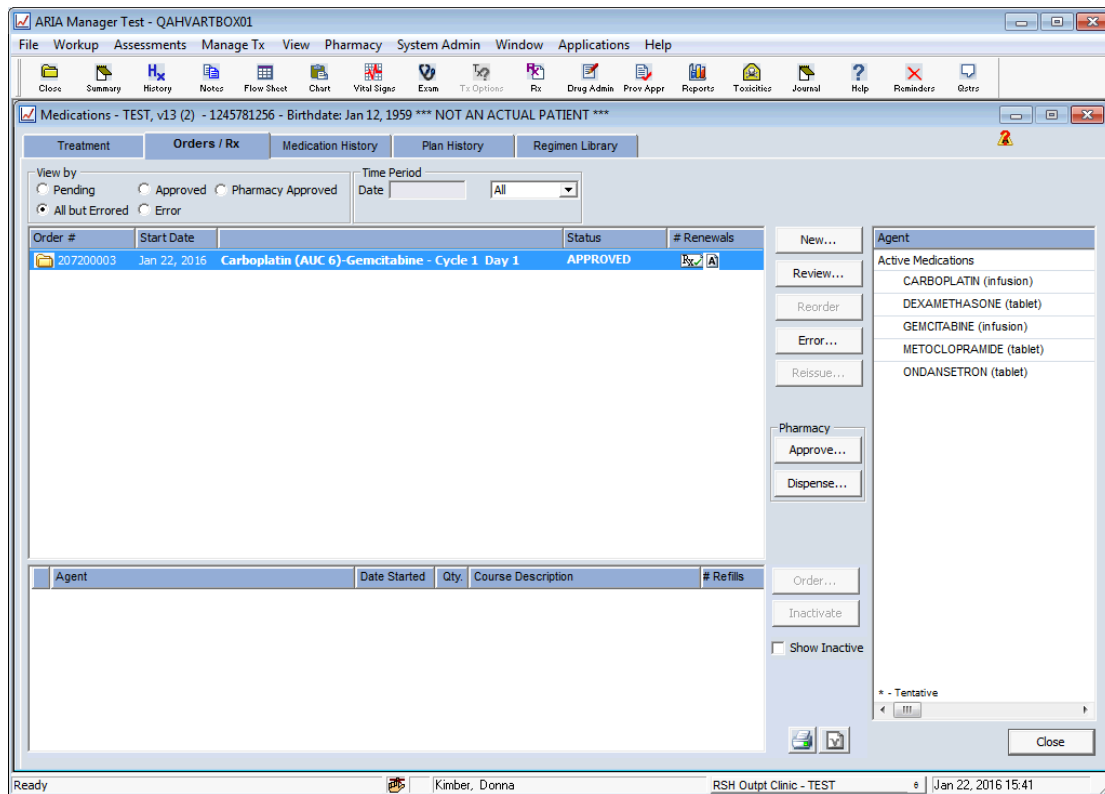
Dispense... Error... Delete... View... ↑ ↓ Cancel Dispensing... Adjust Location... Billing... Close

A button = the audit button in this window shows who has “dispensed” each agent

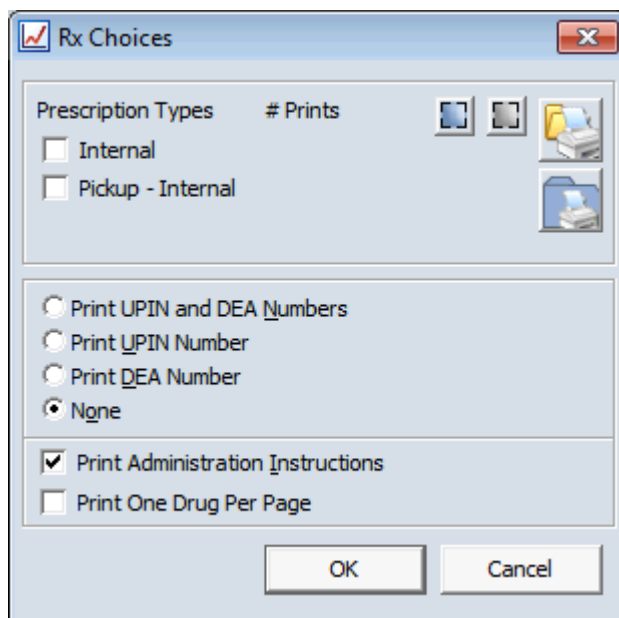
Prescription Dispensing Details Audit Report

Action	User	Date/Time
Created	Kimber, Donna	Jan 22, 2016 15:40
Last Modified	Kimber, Donna	Jan 22, 2016 15:40

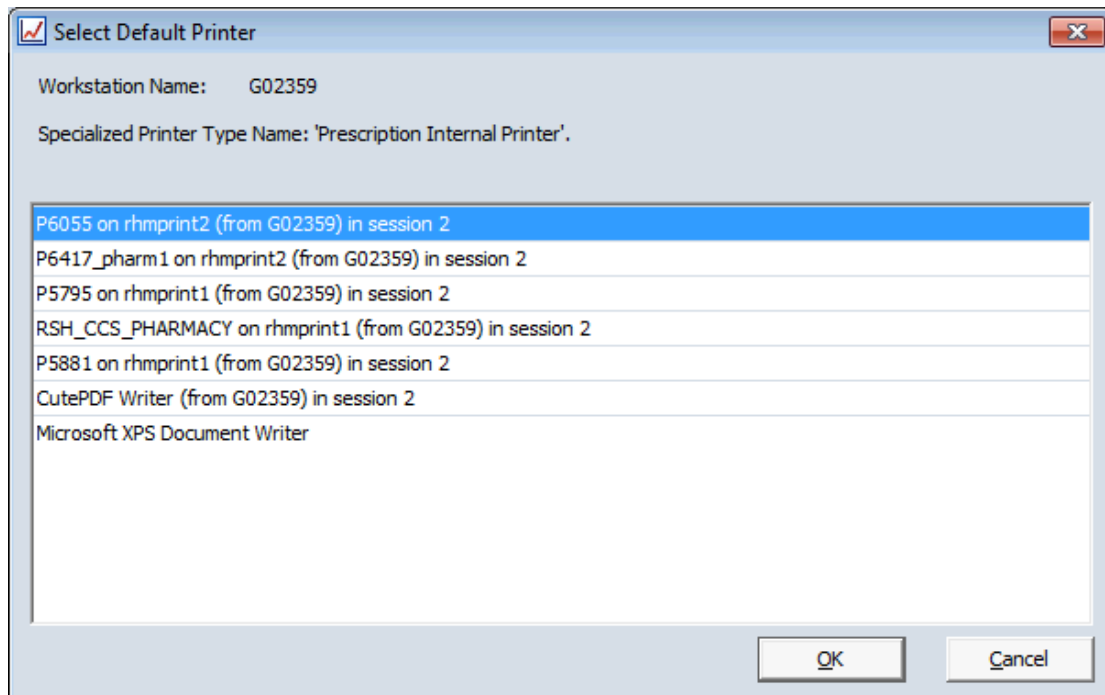
Close



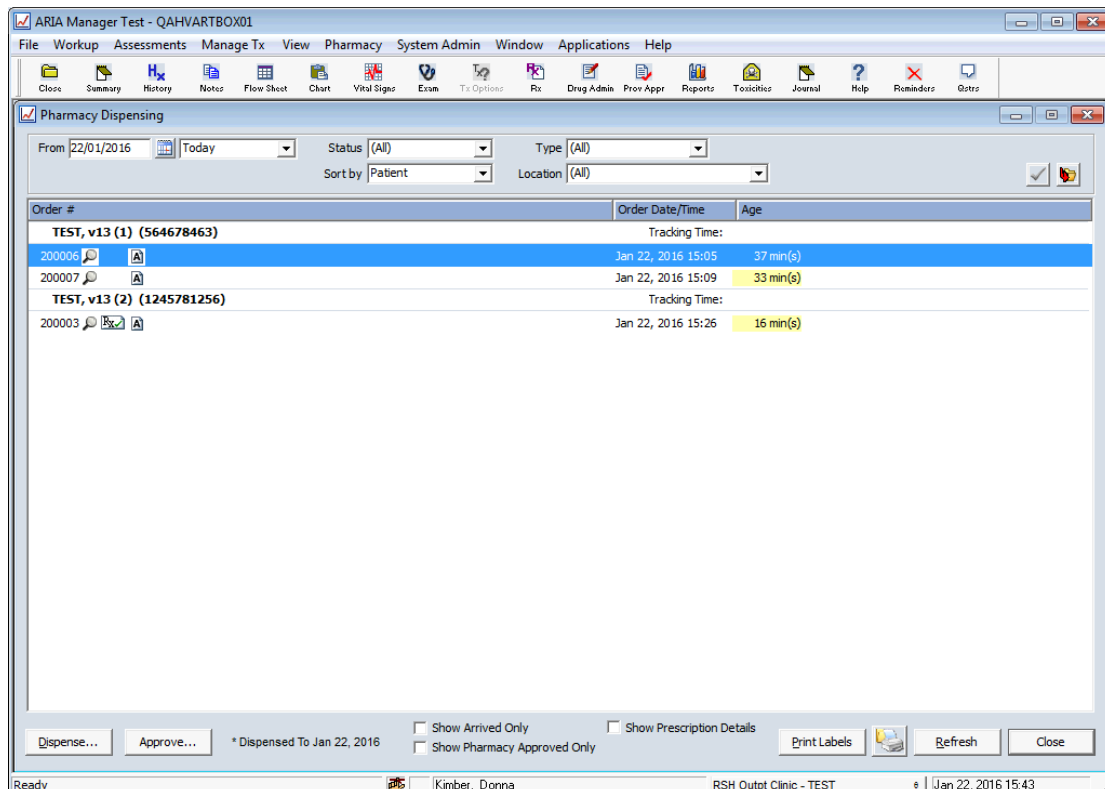
You can print the prescription from this screen by clicking on the printer button at the bottom, the following window appears, select Prescription Type



You can check the printer by clicking on the yellow folder/printer icon on top right



Pharmacy can view all treatment for a day or date range by clicking on Pharmacy button on the top Tool Bar, select Pharmacy Dispensing on the drop down that appears and the following window appears



This is colour code to show when orders have been approved.

Pharmacy

- New order within 0 – 15 minutes.
- New order within 15 – 60 minutes.
- New order within 60 – 240 minutes.

Select Show Prescription Details at the bottom to show order and administration date and pharmacy status

ARIA Manager Test - QAHVARTBOX01

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

Pharmacy Dispensing

From 22/01/2016 Today Status (All) Type (All)

Sort by Patient Location (All)

Order #	Agent	Order Date/Time	Age	Admn Start	Status	Type
TEST, v13 (1) (564678463)						
Tracking Time:						
200006	LENOGRASTIM	Jan 22, 2016 15:05	40 min(s)	Jan 22, 2016	Pending	Pickup Internal
200007	DEXAMETHASONE	Jan 22, 2016 15:09	36 min(s)	Jan 29, 2016	Pending	Pickup Internal
200007	METOCLOPRAMIDE	Jan 22, 2016 15:09	36 min(s)	Jan 29, 2016	Pending	Pickup Internal
TEST, v13 (2) (1245781256)						
Tracking Time:						
200003	DEXAMETHASONE	Jan 22, 2016 15:26	19 min(s)	Jan 22, 2016	Pending	Internal
200003	ONDANSETRON	Jan 22, 2016 15:26	19 min(s)	Jan 22, 2016	Pending	Internal
200003	GEMCITABINE	Jan 22, 2016 15:26	19 min(s)	Jan 22, 2016	Pending	Internal
200003	CARBOPLATIN	Jan 22, 2016 15:26	19 min(s)	Jan 22, 2016	Dispensed	Internal
200003	DEXAMETHASONE	Jan 22, 2016 15:26	19 min(s)	Jan 22, 2016	Pending	Pickup Internal
200003	METOCLOPRAMIDE	Jan 22, 2016 15:26	19 min(s)	Jan 22, 2016	Pending	Pickup Internal

Dispense... Approve... * Dispensed To Jan 22, 2016

Show Arrived Only Show Prescription Details

Show Pharmacy Approved Only

Print Labels Refresh Close

Ready Kimber, Donna RSH Outpt Clinic - TEST Jan 22, 2016 15:45

Click the “magnifying glass” icon to show the treatment

View Prescription for Pharmacy - TEST, v13 (2) - 1245781256 - Birthdate: Jan 12, 1959 *** NOT AN ACTUAL PATIENT ***

Ordered by Vms, MD on Jan 22, 2016 at 15:26 Order ID 207200003 Approved on Jan 22, 2016 at 15:26

Agent Name	Course Description
Administration Start Date Jan 22, 2016	
1 DEXAMETHASONE 8 mg tablet Oral daily for 1 day	
Plan - Opt <input type="checkbox"/> Subs Allowed <input type="checkbox"/> Admin Instructions <input type="checkbox"/>	Internal
2 ONDANSETRON 8 mg tablet Oral daily for 1 day	
Plan - Opt <input type="checkbox"/> Subs Allowed <input type="checkbox"/> Admin Instructions <input type="checkbox"/>	Internal
3 GEMCITABINE 1,600 mg (at 900 mg/m ²) infusion Intravenous daily intermittent over 30 minutes for 1 day in sodium chloride 0.9% w/v 250 mL (1) at the rate of 500 mL/hr	
Plan - Opt <input type="checkbox"/> Subs Allowed <input type="checkbox"/> Admin Instructions <input type="checkbox"/>	Internal
4 CARBOPLATIN 700 mg (at 6 AUC) infusion Intravenous daily intermittent over 60 minutes for 1 day in glucose 5% w/v 500 mL (2) at the rate of 500 mL/hr	
Plan - Opt <input type="checkbox"/> Subs Allowed <input type="checkbox"/> Admin Instructions <input type="checkbox"/>	Internal
5 DEXAMETHASONE 4 mg tablet Oral b.d. for 3 days	
Plan - Opt <input type="checkbox"/> Subs Allowed <input type="checkbox"/> Admin Instructions <input type="checkbox"/>	Pickup - Internal
6 METOCLOPRAMIDE 10 mg tablet Oral t.d.s. PRN	
Plan - Opt <input type="checkbox"/> Subs Allowed <input type="checkbox"/> Admin Instructions <input type="checkbox"/>	Pickup - Internal

Print... * Additional administration instructions have been entered Close

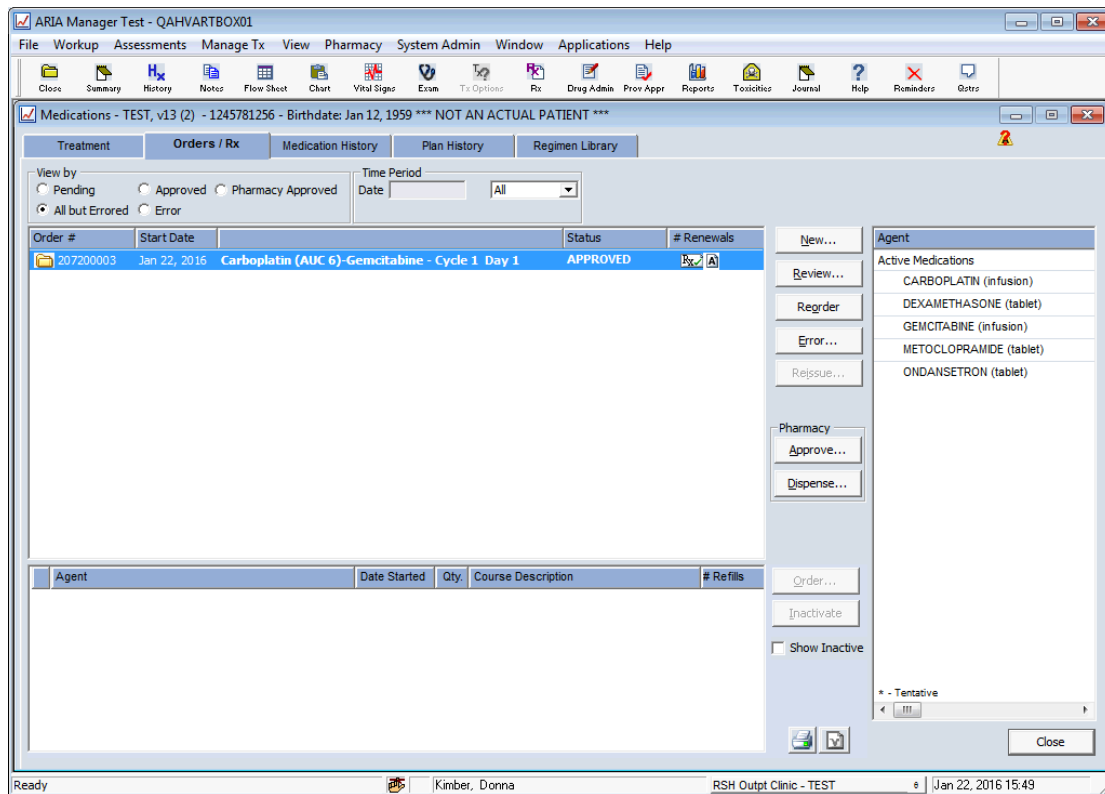
Highlight the line below the patient name if the Rx box is showing then the following window will appear showing the Pharmacy Approval Details.

Pharmacy Approval Details

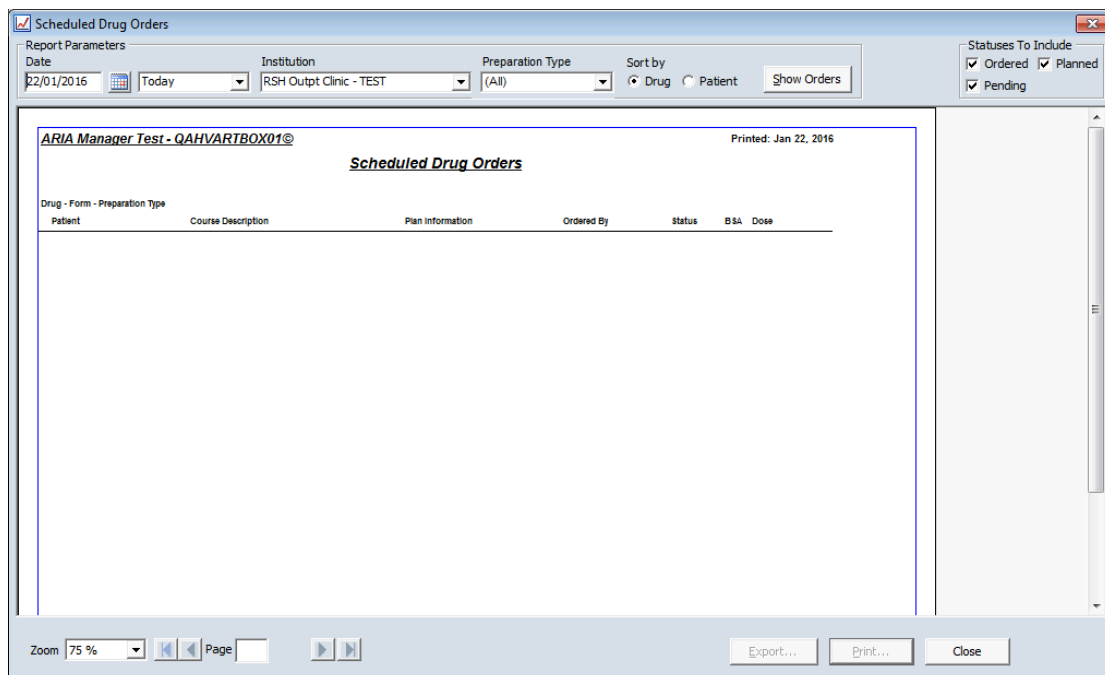
User	Date/Time
Kimber, Donna	Jan 22, 2016 15:33

Close

If a patient is highlighted by clicking on the yellow file with red arrow on the far right of the screen that patient's treatment window will open and the following will appear which takes you straight to the Orders / Rx details.



Where patient scheduling is being used for patients prescribed treatment in Aria then Pharmacy can also view a list of treatment by selecting Pharmacy on the top Tool Bar, and then Schedule Drug Orders from the drop down list, the following window appears



There are several different filters on the top of the screen that can be applied e.g. date, Sort By and Drug To View either by Ordered, Pending or Planned e.g. select Ordered and click Show Orders the following list appears

Scheduled Drug Orders

Report Parameters
 Date: 22/01/2016 Today Institution: RSH Outpt Clinic - TEST Preparation Type: (All) Sort by: Drug Patient Show Orders

Statuses To Include
 Ordered Planned Pending

ARIA Manager Test - QAHVARTBOX01@ Printed: Jan 22, 2016

Scheduled Drug Orders
 RSH Outpt Clinic - TEST - Jan 22, 2016

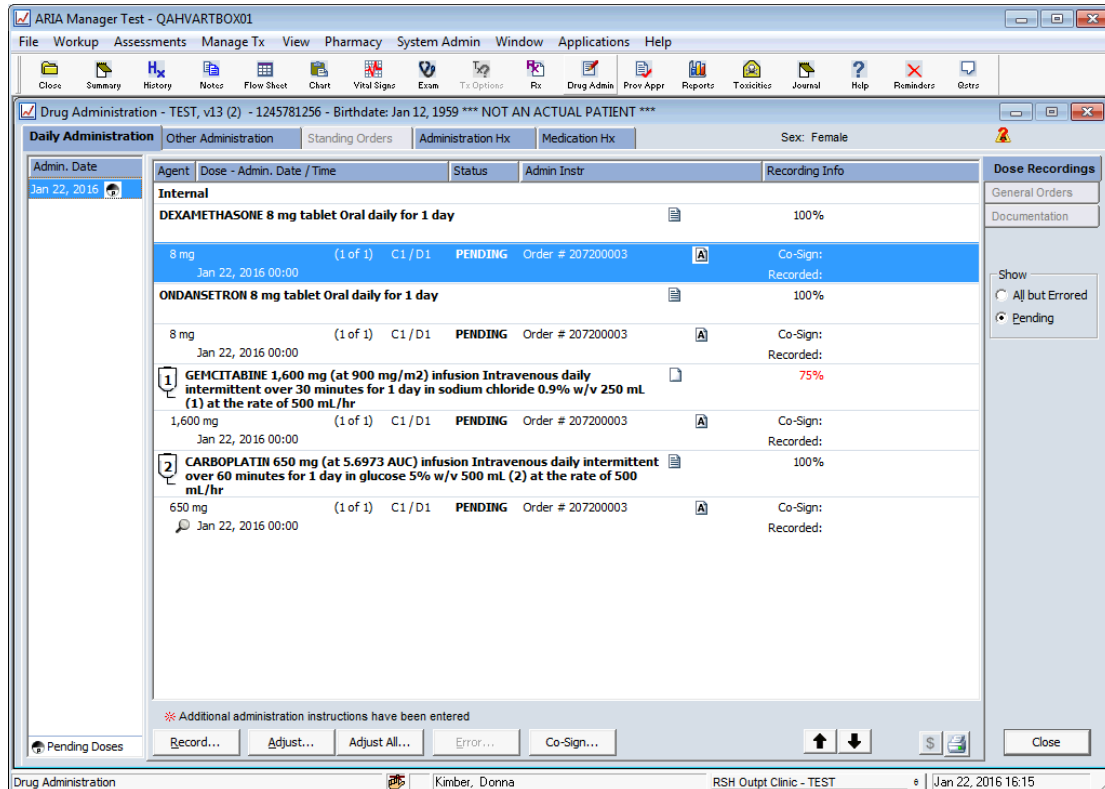
Drug - Form - Preparation Type Course Description	Ordered By Plan information	Status	BSA	Dose
TEST, v13 (1) - 564678463 DEXAMETHASONE - tablet - mg 4 mg tablet Oral b.d. for 3 days (Pickup - Internal)	Vms, MD Caroplatin (AUC 6)-Gemcitabine - Cycle 1, Day 1	Ordered		24 mg
				Estimated Total: 24 mg
LENOGRASTIM - Injection - mcg 263 mcg Injection Subcutaneous daily for 7 days (Pickup - Internal)	Vms, MD	Ordered		1,841 mcg
				Estimated Total: 1,841 mcg
METOCLOPRAMIDE - tablet - mg 10 mg tablet Oral t.d.s. PRN (Pickup - Internal)	Vms, MD Caroplatin (AUC 6)-Gemcitabine - Cycle 1, Day 1	Ordered		0 mg
				Estimated Total: 0 mg

Zoom: 75% Page 1 of 1 Export... Print... Close

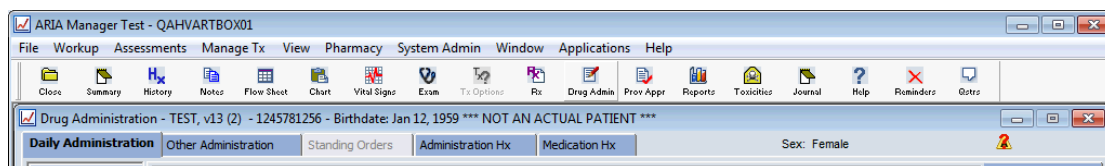
This can be printed off in pharmacy if necessary.

10 NURSE DRUG ADMINISTRATION

Once the pharmacy have dispensed the medication then the nurse needs to do the drug administration, to open click the Drug Admin button on the second Tool Bar, the following window appears



The patient Date of Birth can be seen after the name and gender on the top right of screen above Dose Recordings tab



By clicking View on the top bar you can check patient demographics.

By highlighting an agent and then clicking on the up and down arrows on the bottom right of the screen you can change the order of an agent.

The days of administration can be amended by clicking Adjust or Adjust All buttons on the bottom on the screen, the following window appears. However this should not be used routinely but only as a last resort if not previously adjusted by the prescriber.

Dose Administration Date Adjustment - TEST, v13 (2) - 1245781256 - Birthdate: Jan 12, 1959 *** NOT AN ACTUAL PATIENT ***

Adjust by:
 Days
 Date

Days to Adjust:

Backward

Agent	Admin. Date	Dose Seq.	Status
<input checked="" type="checkbox"/> CARBOPLATIN	Jan 22, 2016 00:00	Dose 1 of 1	Adjustable
There are no dose recordings prior to those listed above.			
<input checked="" type="checkbox"/> DEXAMETHASONE	Jan 22, 2016 00:00	Dose 1 of 1	Adjustable
There are no dose recordings prior to those listed above.			
<input checked="" type="checkbox"/> GEMCITABINE	Jan 22, 2016 00:00	Dose 1 of 1	Adjustable
There are no dose recordings prior to those listed above.			
<input checked="" type="checkbox"/> ONDANSETRON	Jan 22, 2016 00:00	Dose 1 of 1	Adjustable
There are no dose recordings prior to those listed above.			

* Approved Dose Recording

This can be adjusted by Days or Date, if Date is selected the current date and a calendar will appear next to the Days to Adjust box.

Dose Administration Date Adjustment - TEST, v13 (2) - 1245781256 - Birthdate: Jan 12, 1959 *** NOT AN ACTUAL PATIENT ***

Adjust by:
 Days
 Date

Date:

Agent	Admin. Date	Dose Seq.	Status
<input checked="" type="checkbox"/> CARBOPLATIN	Jan 22, 2016 00:00	Dose 1 of 1	Adjustable
There are no dose recordings prior to those listed above.			
<input checked="" type="checkbox"/> DEXAMETHASONE	Jan 22, 2016 00:00	Dose 1 of 1	Adjustable
There are no dose recordings prior to those listed above.			
<input checked="" type="checkbox"/> GEMCITABINE	Jan 22, 2016 00:00	Dose 1 of 1	Adjustable
There are no dose recordings prior to those listed above.			
<input checked="" type="checkbox"/> ONDANSETRON	Jan 22, 2016 00:00	Dose 1 of 1	Adjustable
There are no dose recordings prior to those listed above.			

* Approved Dose Recording

Click Adjust (top right of screen) and the Admin date will change

Click OK and the screen will return to the Drug Administration window

ARIA Manager Test - QAHVARTBOX01

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

Close Summary History Notes Flow Sheet Chart Vital Signs Exam Tx Options Rx Drug Admin Prev Appr Reports Toxicities Journal Help Reminders Qstrs

Drug Administration - TEST, v13 (2) - 1245781256 - Birthdate: Jan 12, 1959 *** NOT AN ACTUAL PATIENT ***

Daily Administration Other Administration Standing Orders Administration Hx Medication Hx Sex: Female

Admin. Date	Agent	Dose - Admin. Date / Time	Status	Admin Instr	Recording Info
Jan 22, 2016	Internal				
	DEXAMETHASONE 8 mg tablet Oral daily for 1 day				
	8 mg	(1 of 1) C1 / D1	PENDING	Order # 207200003	100%
Jan 22, 2016 00:00					Co-Sign: Recorded:
	ONDANSETRON 8 mg tablet Oral daily for 1 day				
	8 mg	(1 of 1) C1 / D1	PENDING	Order # 207200003	100%
Jan 22, 2016 00:00					Co-Sign: Recorded:
	GEMCITABINE 1,600 mg (at 900 mg/m2) infusion Intravenous daily intermittent over 30 minutes for 1 day in sodium chloride 0.9% w/v 250 mL (1) at the rate of 500 mL/hr				
	1,600 mg	(1 of 1) C1 / D1	PENDING	Order # 207200003	75%
Jan 22, 2016 00:00					Co-Sign: Recorded:
	CARBOPLATIN 650 mg (at 5.6973 AUC) infusion Intravenous daily intermittent over 60 minutes for 1 day in glucose 5% w/v 500 mL (2) at the rate of 500 mL/hr				
	650 mg	(1 of 1) C1 / D1	PENDING	Order # 207200003	100%
Jan 22, 2016 00:00					Co-Sign: Recorded:

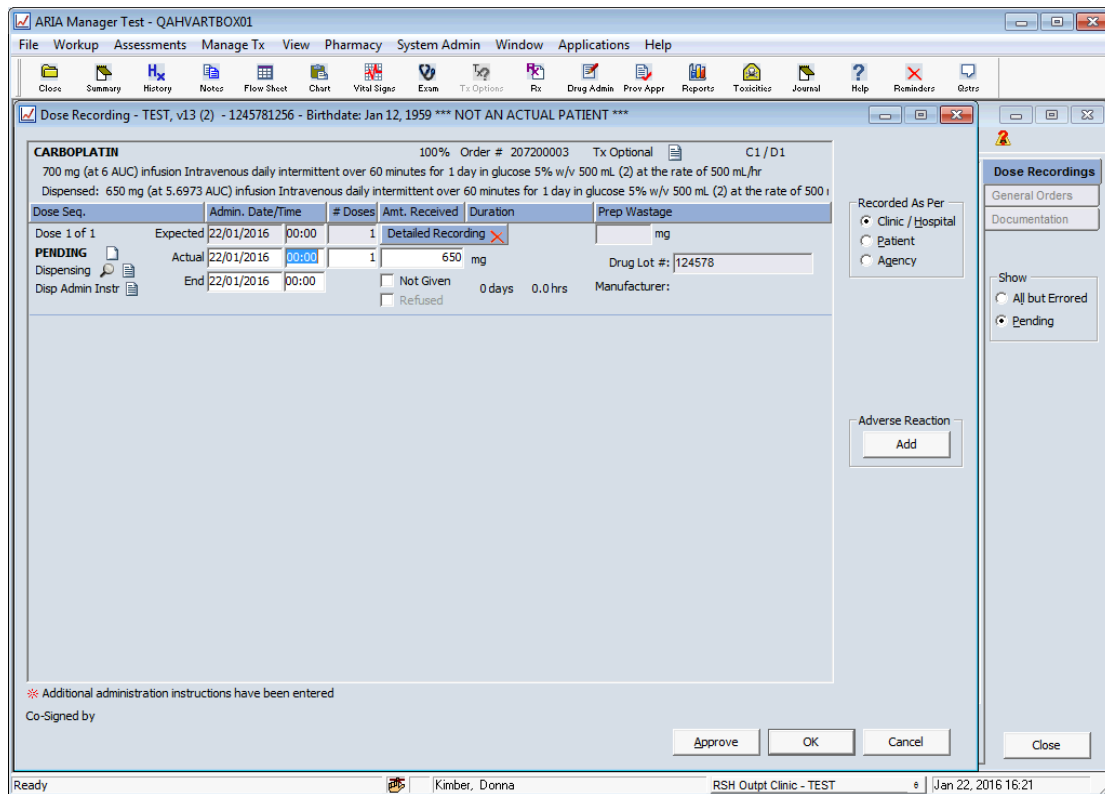
* Additional administration instructions have been entered

Pending Doses Record... Adjust... Adjust All... Error... Co-Sign... ↑ ↓ \$

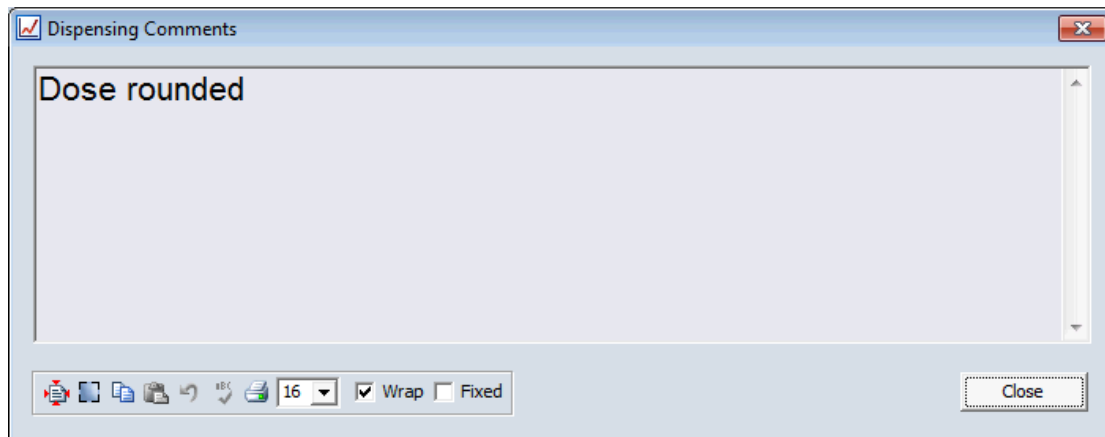
Close

Ready Kimber, Donna RSH Outpt Clinic - TEST Jan 22, 2016 16:20

Highlight the drug to be administered and click Record button on bottom left of screen, the following appears



You will see any Drug Lot # if entered by pharmacy when dispensing. If you click on page icon next to dispensing you can also view any pharmacy comments.



Enter the time of administration and click OK, the screen will return to the Drug Administration window and a C will appear to the left of the date, showing the treatment has been started but not completed.

ARIA Manager Test - QAHVARTBOX01

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

Close Summary History Notes Flow Sheet Chart Vital Signs Exam Tx Options Rx Drug Admin Prov Appr Reports Toxicities Journal Help Reminders Alerts

Drug Administration - TEST, v13 (2) - 1245781256 - Birthdate: Jan 12, 1959 *** NOT AN ACTUAL PATIENT ***

Daily Administration Other Administration Standing Orders Administration Hx Medication Hx Sex: Female

Admin. Date	Agent	Dose - Admin. Date / Time	Status	Admin Instr	Recording Info
Jan 22, 2016	Internal				
	DEXAMETHASONE 8 mg tablet Oral daily for 1 day				100%
	8 mg	(1 of 1) C1 / D1	PENDING	Order # 207200003	Co-Sign: Recorded:
Jan 22, 2016 00:00					
	ONDANSETRON 8 mg tablet Oral daily for 1 day				100%
	8 mg	(1 of 1) C1 / D1	PENDING	Order # 207200003	Co-Sign: Recorded:
Jan 22, 2016 00:00					
	GEMCITABINE 1,600 mg (at 900 mg/m2) infusion Intravenous daily intermittent over 30 minutes for 1 day in sodium chloride 0.9% w/v 250 mL (1) at the rate of 500 mL/hr				75%
	1,600 mg	(1 of 1) C1 / D1	PENDING	Order # 207200003	Co-Sign: Recorded:
Jan 22, 2016 00:00					
	CARBOPLATIN 700 mg (at 6 AUC) infusion Intravenous daily intermittent over 60 minutes for 1 day in glucose 5% w/v 500 mL (2) at the rate of 500 mL/hr				100%
	650 mg	(1 of 1) C1 / D1	PENDING	Order # 207200003	Co-Sign: Recorded:
Jan 22, 2016 15:00					

* Additional administration instructions have been entered

Pending Doses Record... Adjust... Adjust All... Error... Co-Sign... ↑ ↓ \$

Ready Kimber, Donna RSH Outpt Clinic - TEST Jan 22, 2016 16:24

To enter the end of administration, highlight drug, click Record and enter the end time and click Approve the Drug Administration window is now only showing agents still to be administered.

ARIA Manager Test - QAHVARTBOX01

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

Close Summary History Notes Flow Sheet Chart Vital Signs Exam Tx Options Rx Drug Admin Prov Appr Reports Toxicities Journal Help Reminders Alerts

Drug Administration - TEST, v13 (2) - 1245781256 - Birthdate: Jan 12, 1959 *** NOT AN ACTUAL PATIENT ***

Daily Administration Other Administration Standing Orders Administration Hx Medication Hx Sex: Female

Admin. Date	Agent	Dose - Admin. Date / Time	Status	Admin Instr	Recording Info
Jan 22, 2016	Internal				
	DEXAMETHASONE 8 mg tablet Oral daily for 1 day				100%
	8 mg	(1 of 1) C1 / D1	PENDING	Order # 207200003	Co-Sign: Recorded:
Jan 22, 2016 00:00					
	ONDANSETRON 8 mg tablet Oral daily for 1 day				100%
	8 mg	(1 of 1) C1 / D1	PENDING	Order # 207200003	Co-Sign: Recorded:
Jan 22, 2016 00:00					
	GEMCITABINE 1,600 mg (at 900 mg/m2) infusion Intravenous daily intermittent over 30 minutes for 1 day in sodium chloride 0.9% w/v 250 mL (1) at the rate of 500 mL/hr				75%
	1,600 mg	(1 of 1) C1 / D1	PENDING	Order # 207200003	Co-Sign: Recorded:
Jan 22, 2016 00:00					

* Additional administration instructions have been entered

Pending Doses Record... Adjust... Adjust All... Error... Co-Sign... ↑ ↓ \$

Ready Kimber, Donna RSH Outpt Clinic - TEST Jan 22, 2016 16:24

To view agents that have been administered, click Show – All but Errored on the right of the screen

ARIA Manager Test - QAHVARTBOX01

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

Close Summary History Notes Flow Sheet Chart Vital Signs Exam Tx Options Rx Drug Admin Prov Appr Reports Toxicology Journal Help Reminders Alerts

Drug Administration - TEST, v13 (2) - 1245781256 - Birthdate: Jan 12, 1959 *** NOT AN ACTUAL PATIENT ***

Other Administration Standing Orders Administration Hx Medication Hx Sex: Female

Admin. Date	Agent	Dose - Admin. Date / Time	Status	Admin Instr	Recording Info
Jan 22, 2016	Internal				
	DEXAMETHASONE 8 mg tablet Oral daily for 1 day				
	8 mg	(1 of 1) C1 / D1	PENDING	Order # 207200003	100%
	Jan 22, 2016 00:00				
	ONDANSETRON 8 mg tablet Oral daily for 1 day				
	8 mg	(1 of 1) C1 / D1	PENDING	Order # 207200003	100%
	Jan 22, 2016 00:00				
	GEMCITABINE 1,600 mg (at 900 mg/m2) infusion Intravenous daily intermittent over 30 minutes for 1 day in sodium chloride 0.9% w/v 250 mL (1) at the rate of 500 mL/hr				
	1,600 mg	(1 of 1) C1 / D1	PENDING	Order # 207200003	75%
	Jan 22, 2016 00:00				
	CARBOPLATIN 650 mg (at 5.6973 AUC) infusion Intravenous daily intermittent over 60 minutes for 1 day in glucose 5% w/v 500 mL (2)				
	650 mg	(1 of 1) C1 / D1	APPROVED	Order # 207200003	100%
	Jan 22, 2016 15:00 - 16:00				

Additional administration instructions have been entered

Pending Doses Record... Adjust... Adjust All... Error... Co-Sign... Close

Ready Kimber, Donna RSH Outpt Clinic - TEST Jan 22, 2016 16:27

It is possible to Error a dose recording in this window, click Error

ARIA Message - Confirmation

Do you really want to error out the selected dose recording(s)?

Yes No

You can enter a reason for erroring the drug admin

Reason For Error

Wrong time

OK Cancel

The agent is now available for drug admin again

ARIA Manager Test - QAHVARTBOX01

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

Close Summary History Notes Flow Sheet Chart Vital Signs Exam Tx Options Rx Drug Admin Prev Appr Reports Toxicities Journal Help Reminders Qstns

Drug Administration - TEST, v13 (2) - Birthdate: Jan 12, 1959 *** NOT AN ACTUAL PATIENT ***

Other Administration Standing Orders Administration Hx Medication Hx Sex: Female

Admin. Date	Agent	Dose	Admin. Date / Time	Status	Admin Instr	Recording Info
Jan 22, 2016	Internal					
	DEXAMETHASONE 8 mg tablet Oral daily for 1 day					
	8 mg	(1 of 1)	C1 / D1	PENDING	Order # 207200003	100%
Jan 22, 2016 00:00						Co-Sign: Recorded:
	ONDANSETRON 8 mg tablet Oral daily for 1 day					
	8 mg	(1 of 1)	C1 / D1	PENDING	Order # 207200003	100%
Jan 22, 2016 00:00						Co-Sign: Recorded:
	GEMCITABINE 1,600 mg (at 900 mg/m2) infusion Intravenous daily intermittent over 30 minutes for 1 day in sodium chloride 0.9% w/v 250 mL (1) at the rate of 500 mL/hr					
	1,600 mg	(1 of 1)	C1 / D1	PENDING	Order # 207200003	75%
Jan 22, 2016 00:00						Co-Sign: Recorded:
	CARBOPLATIN 700 mg (at 6 AUC) infusion Intravenous daily intermittent over 60 minutes for 1 day in glucose 5% w/v 500 mL (2) at the rate of 500 mL/hr					
	650 mg	(1 of 1)	C1 / D1	PENDING	Order # 207200003	100%
Jan 22, 2016 00:00						Co-Sign: Recorded:

* Additional administration instructions have been entered

Pending Doses Record... Adjust... Adjust All... Error... Co-Sign... Close

Ready Kimber, Donna RSH Outpt Clinic - TEST Jan 22, 2016 16:29

Documentation (tab on right of screen) – this page can be opened to add any nursing comments, select New.

ARIA Manager Test - QAHVARTBOX01

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

Close Summary Hx Notes Flow Sheet Chart Vital Signs Exam Tx Options Rx Drug Admin Prev Appr Reports Toxicities Journal Help Reminders Qatrs

Drug Administration - TEST, v13 (2) - 1245781256 - Birthdate: Jan 12, 1959 *** NOT AN ACTUAL PATIENT ***

Daily Administration Other Administration Standing Orders Administration Hx Medication Hx Sex: Female

Admin. Date	Start Date/Time	End Date/Time	ID	Status	Approved By
Jan 22, 2016					

There are no drug administration documents for the selected date(s).

New...
Modify...
View...
Error...
Delete...

Show Details

Pending Doses

Dose Recordings
General Orders
Documentation

Close

Ready Kimber, Donna RSH Outpt Clinic - TEST Jan 22, 2016 16:29

New Drug Administration Document - TEST, v13 (2) - 1245781256 - Birthdate: Jan 12, 1959 *** NOT AN ACTUAL PATIENT ***

Date: Jan 22, 2016 00:00 to 00:00 0.0 minutes
Status: Pending

CHARGE NURSE
Charge Nurse Comments:

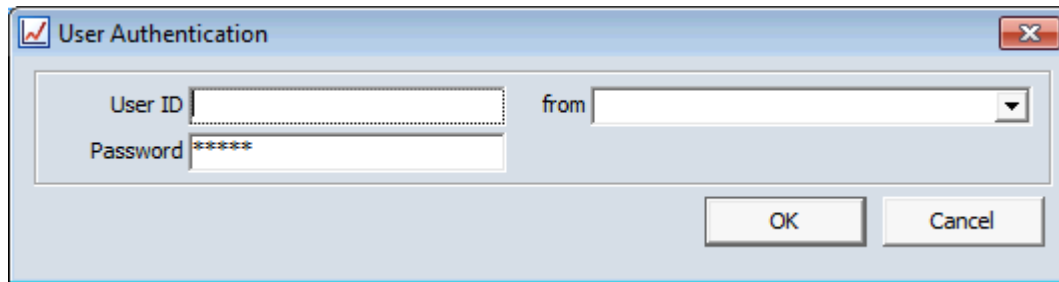
TREATMENT NURSE
Name:

PERIPHERAL

Print... Copy from Last Approve OK Cancel

When any text has been entered the tab will show as dark blue. However many users are finding that the patient journal is a useful place to enter information that you want to be easily viewed by other staff eg prescriber and pharmacy staff.

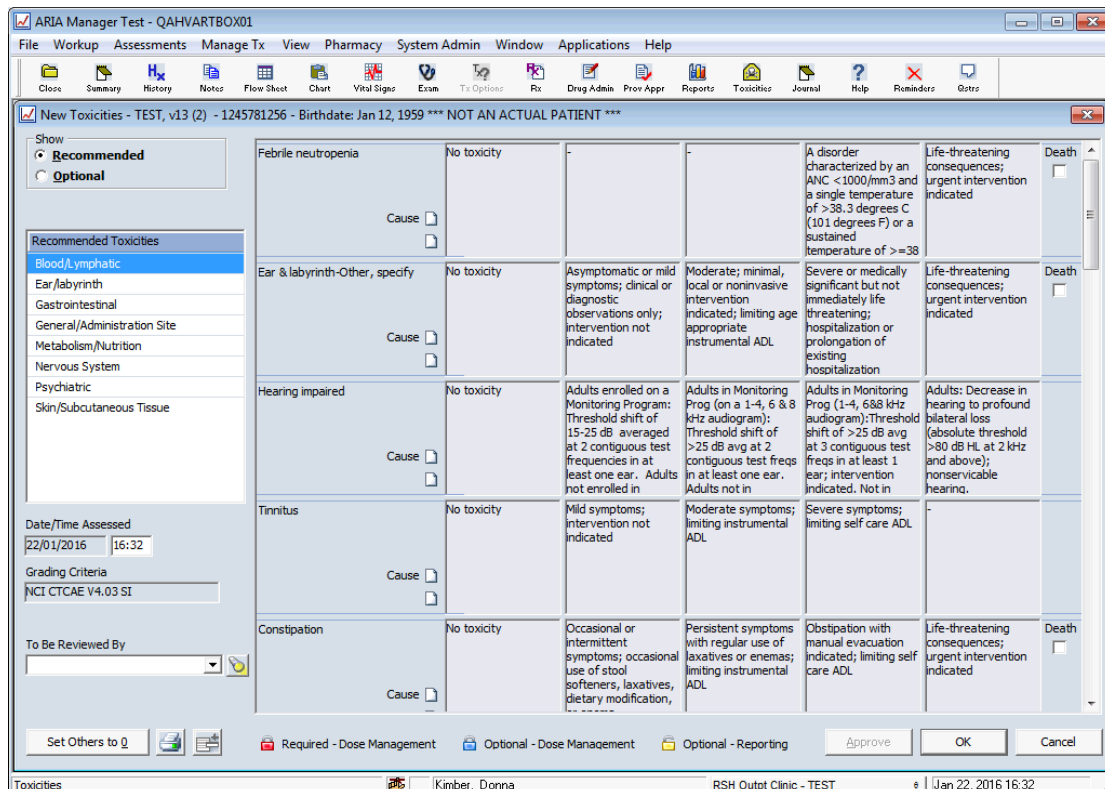
If required you can have a co-signature when doing the Drug Administration, click Co-Sign button on the bottom of the screen and the following appears



A second nurse can now enter the User ID and Password as a confirmation of the drug administration. It is now possible to co-sign for up to 3 agents at the same time eg for pre-medication.

Toxicity assessments can also be added.

To add any toxicities select Assessments from the top tool bar, on the drop down list select Toxicities and the following window opens



It is now possible to add a Start and End date for the recorded toxicity, although for this to appear the patient needs to have Track Adverse Events selected in the demographics window (bottom left on screen).

The screenshot shows the 'Modify Patient' window for patient 'TEST, v13 (2)'. The 'Demographics' tab is active. The 'Track Adverse Events' checkbox is checked. Other fields include: Last Name: TEST, First Name: v13 (2), Date of Birth: 12/01/1959, Sex: Female, Age: 57 yrs, Country: Hampshire, United Kingdom, Status: Active, Deceased: No, Date of Death: 00/00/0000, Cause of Death: (empty), Clinical Trial Patient: (unchecked), Error / Test Patient: (checked).

You can now click on any relevant toxicity eg Alopecia and select the appropriate level

The screenshot shows the 'ARIA Manager Test' window with the 'New Toxicities' window open. The 'Skin/Subcutaneous Tissue' category is selected. The table below shows the recorded toxicities:

Toxicity	Severity	Description	Start	End	Cause
Alopecia	No toxicity	Hair loss of <50% of normal for that individual that is not obvious from a distance but only on close inspection; a different hair style may be required to	00/00/0000	00/00/0000	
Palmar-plantar erythrody synd	No toxicity	Minimal skin changes or dermatitis (e.g., erythema, edema, or hyperkeratosis) without pain	00/00/0000	00/00/0000	
Rash acneiform	No toxicity	Papules and/or pustules covering <10% BSA, which may or may not be associated with symptoms of pruritus or tenderness	00/00/0000	00/00/0000	
Rash maculo-papular	No toxicity	Macules/papules covering <10% BSA with or without symptoms (e.g., pruritus, burning, tightness)	00/00/0000	00/00/0000	

The window also shows a sidebar with 'Recommended Toxicities' and 'Optional' sections, and a 'Date/Time Assessed' field set to 22/01/2016 16:34.

By clicking on the 'Cause' blank page a drop down will appear

Select as necessary, click OK and then Approve the following will appear

Toxicity	Grade	Description
Skin/Subcutaneous Tissue	1	
* Alopecia	1	Hair loss of <50% of normal for that individual that is not obvious from a distance but only on close inspection; a different hair style may be required to cover the hair loss but it does not require a wig or hair piece to camouflage

You can now enter another toxicity, if required, by clicking on the New button.

11 SCHEDULING

Scheduling – patients can be scheduled into the system and therefore allocated specific treatment times with allocated treatment areas, this is set up on a Trust by Trust basis to mirror their actual treatment areas e.g. beds, chairs, treatment rooms etc.

Open Patient window – select patient - schedule

ARIA Manager Test - QAHVARTBOX01

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

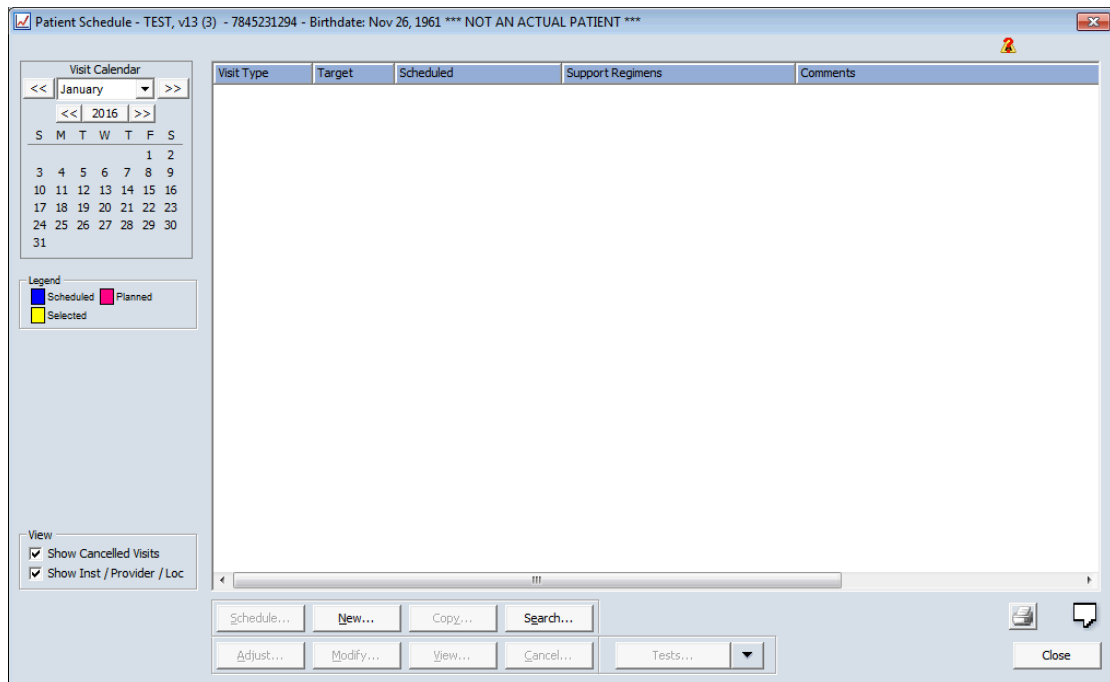
Open Patient

Visit Patient Reminders Proceed to Medications

Last Name test Search by Approx
 First Name
 Date of Birth 00/00/0000 +/- 5 Years
 Primary ID NHS Number Current
 Provider (All) Sex (All)
 Institution (All) Status (All)

Patient	NHS Number	Date of Birth
TEST, v13 (1)	564678463	Nov 23, 1959
TEST, v13 (2)	1245781256	Jan 12, 1959

Close Patient Kimber, Donna RSH Outpt Clinic - TEST Jan 22, 2016 16:44



Legend

Scheduled

Planned

Selected

This legend is displayed at all times. The combination of icons is based on the patient.

- All of the scheduled visits during the selected month and year are marked with this icon.
- Unscheduled Cycle/Day visits during the selected month and year are marked with icon. Once a Cycle/Day or Planned Visit is scheduled, the icon switches to .

The or icon on a specific date switches to when you select the corresponding visit in the list.

Click New ...

Institution – defaults to where user is logged in

Visit Provider – doctor, this is essential, and if the Provider is entered in patient demographics window the Visit Provider will automatically populate with the Provider already entered

Provider (mid column) – this is the provider of the scheduled event eg doctor if exam or nurse for treatment (suggest generic nurse rather than specific named staff)

Location – chair, bed etc

Details Tab –

Visit Reason – this can be set up in Security eg follow up, new etc and can be used for reports

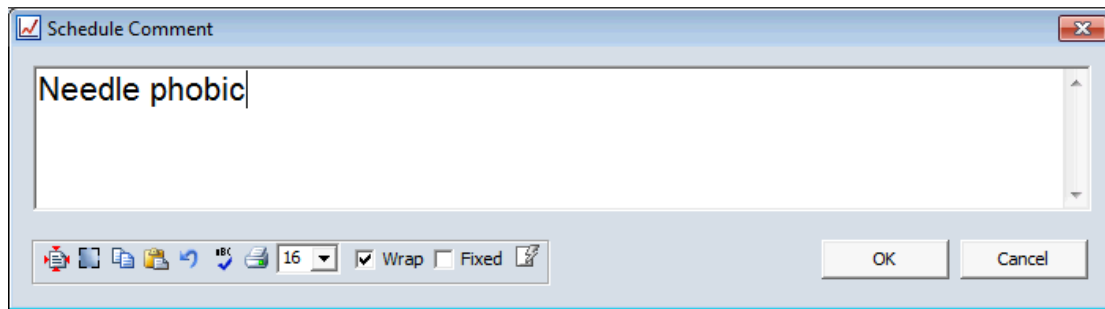
Visit Type – not used

Plan – Regimen name, this will be automatically populated when treatment is prescribed

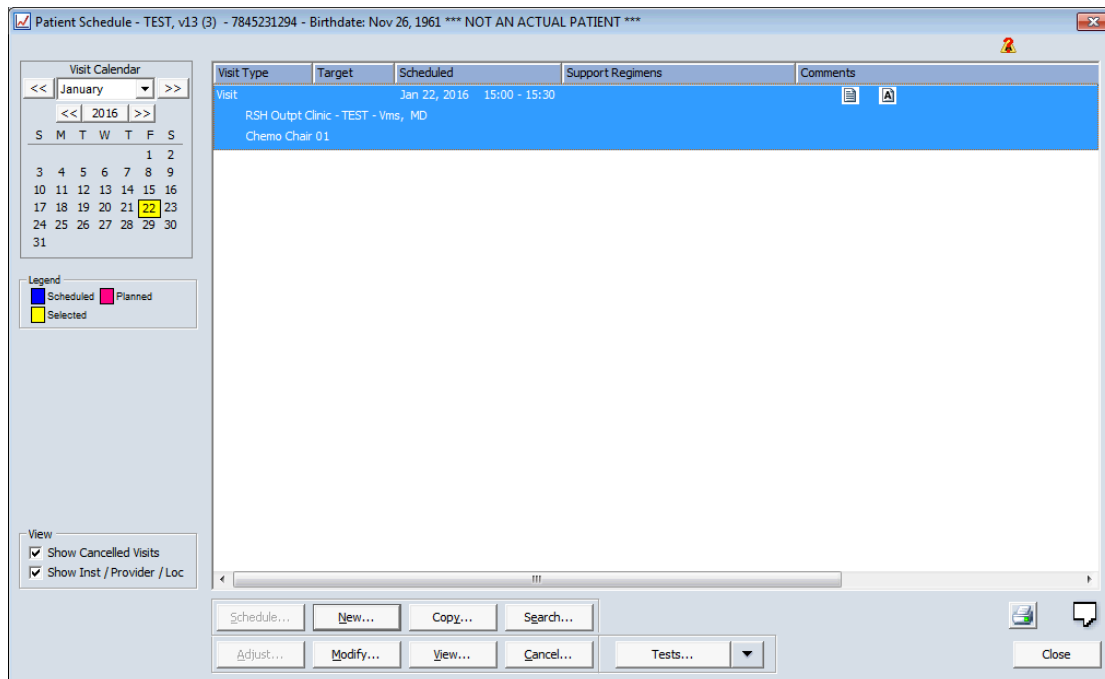
New – if any of the “new” boxes are ticked then N will show on the open patient window to indicate the patient is new

Visit Instruction – can enter notes for patient eg bring medication (small page icon)

Big Note pad (schedule Comment) (large page icon on top right of screen) – schedule comments for information important to clinic staff eg needle phobic



WARNING: if entering information for hospital staff only eg needle phobic always use the big note pad on top right of the screen **DO NOT ENTER SCHEDULE COMMENTS IN THE VISIT INFORMATION NOTE PAD** because any visit information will print out on any printed scheduling information given to the patient.



Modify – change time etc

Cancel – only use if wrong therefore error the visit using cancel or if patient not attending.

Cancel Visit - TEST, v13 (3) - 7845231294 - Birthdate: Nov 26, 1961 *** NOT AN ACTUAL PATIENT ***

Type: Cancel Error No Show

Reason: Patient availability

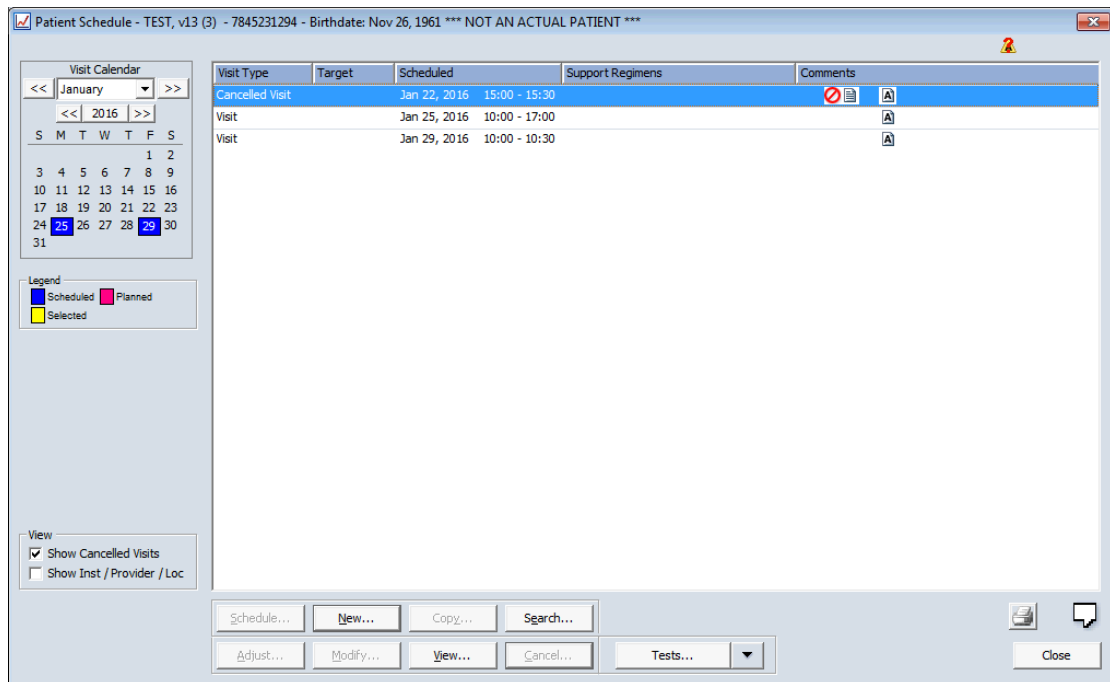
Comment:

Scheduled	Visit / Event	Provider	Institution / Location
Jan 22, 2016 15:00	Visit	Vms, MD	RSH Outpt Clinic - TEST

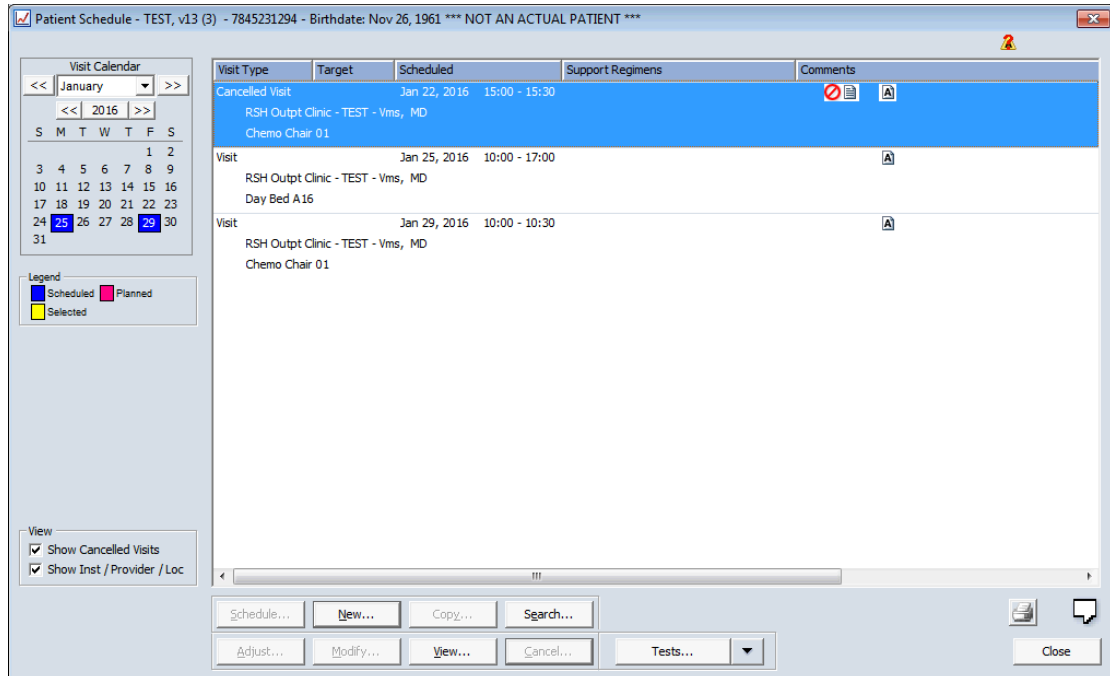
OK Cancel

Select visit date to cancel, Select and reason from drop down list and also add a comment if required, a report can be run of the cancelled visits and the comment will print on the report.

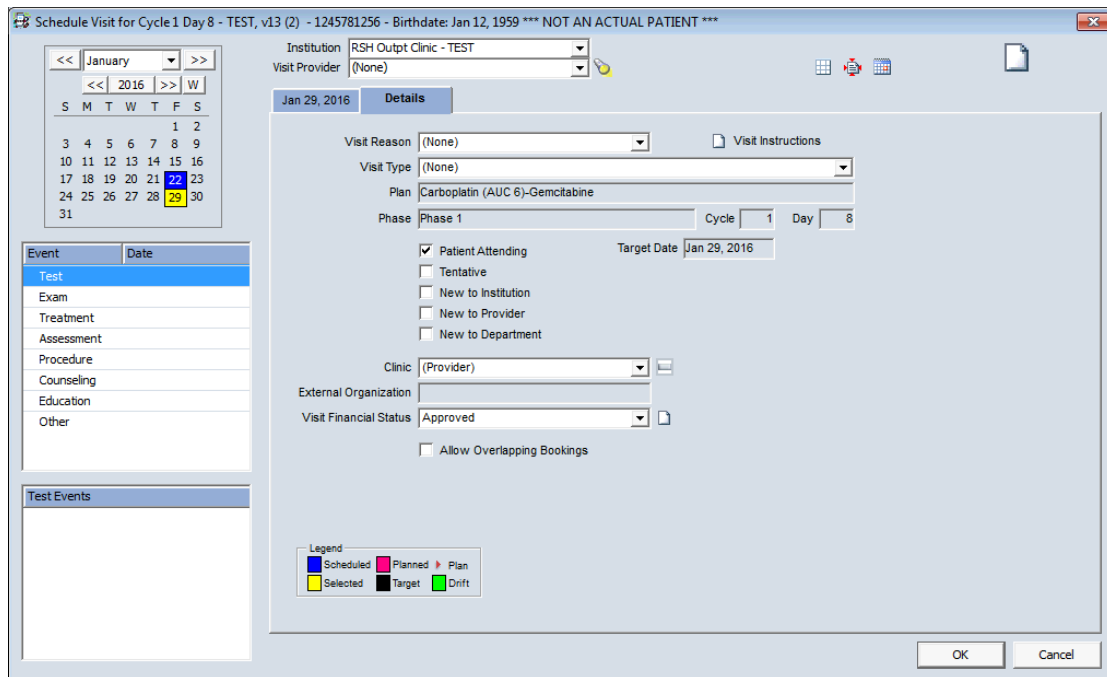
If visit is cancelled you can view all by ticking in the box on the bottom left of the screen "Show Cancelled Visits", it will show as a red circle against any cancelled appointments



You can also show Institution for visit, this may be useful when patients are treated at more than one site

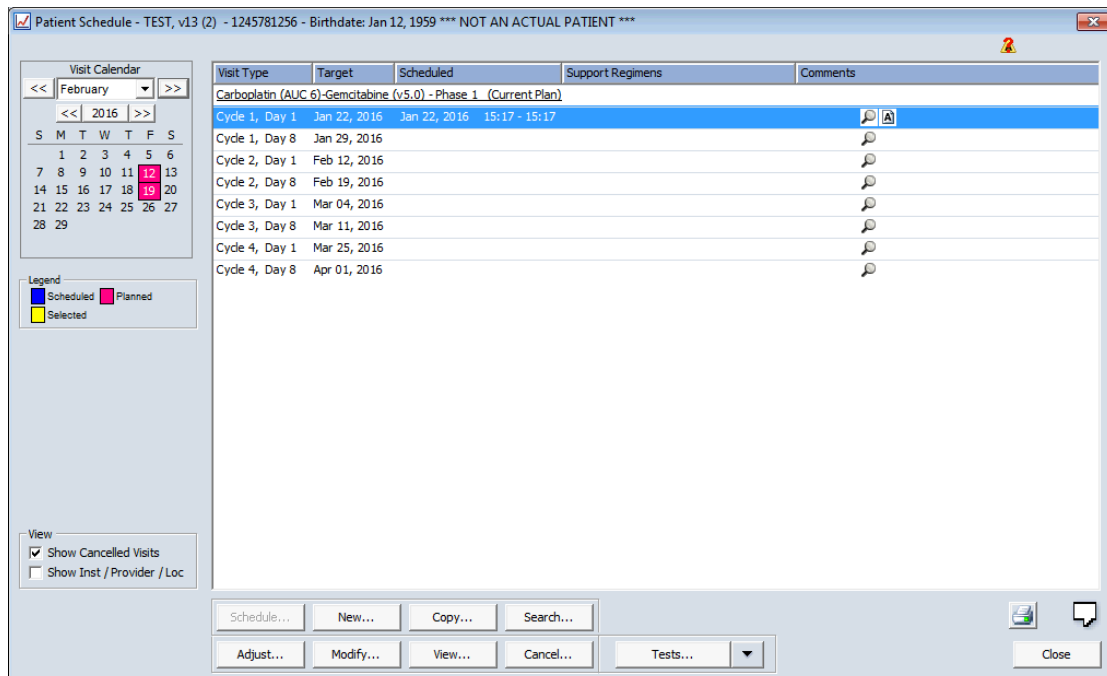


When treatment has been allocated the **Details Tab** is populated

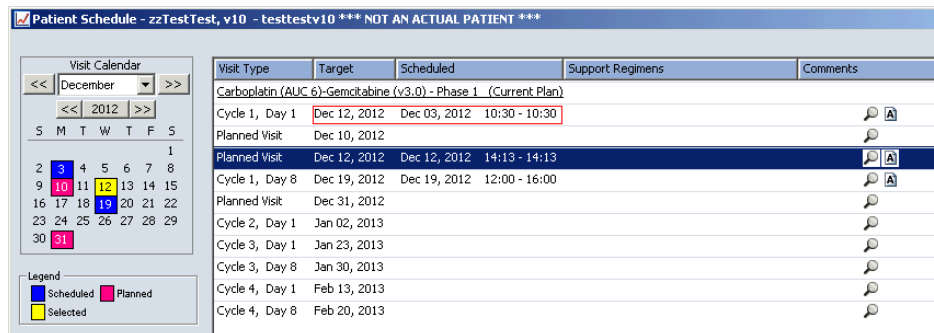
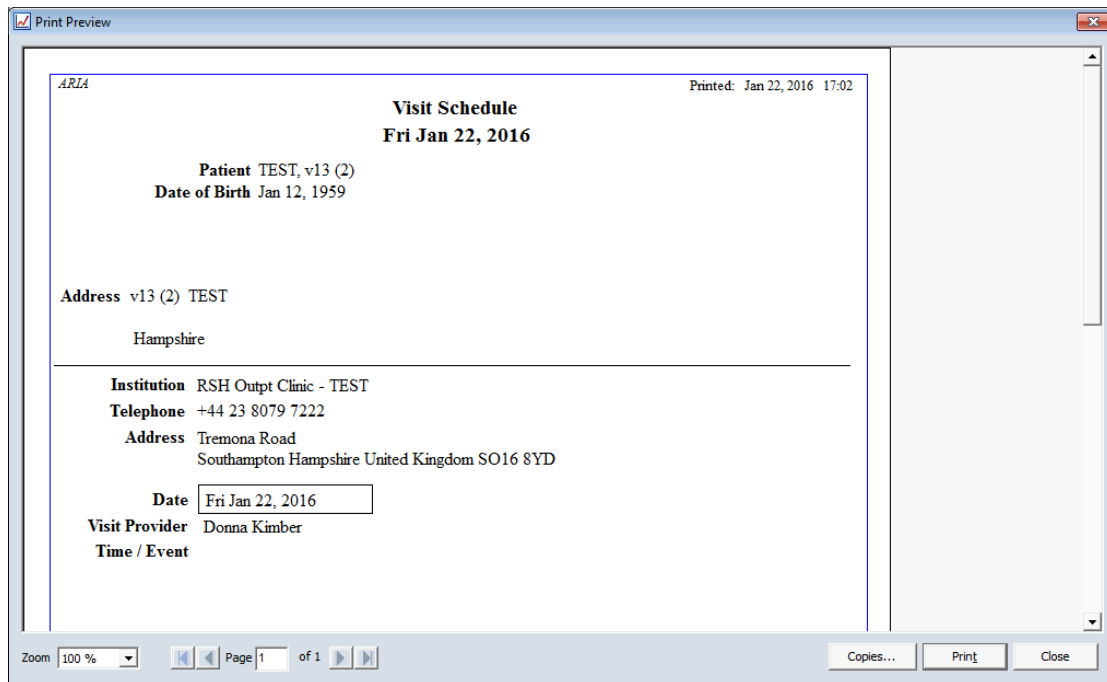


Target dates have also been entered for the cycles of treatment.

On the calendar the pink squares = planned treatment from these target dates.



Click printer icon (bottom right) to print patient appointment details. You can highlight multiple lines to print all appointments



By clicking on the “magnifying glass” icon you can view the treatment

Schedule Event Summary - TEST, v13 (2) - 1245781256 - Birthdate: Jan 12, 1959 *** NOT AN ACT...

Cycle 1 Day 1

Treatment			
CARBOPLATIN 700 mg (at 6 AUC) infusion Intravenous daily intermittent over 60 minutes for 1 day in glucose 5% w/v 500 mL (2) at the rate of 500 mL/hr	Carboplatin (AUC 6)-Gemcitabine	Ordered	
DEXAMETHASONE 8 mg tablet Oral daily for 1 day	Carboplatin (AUC 6)-Gemcitabine	Ordered	
GEMCITABINE 1,600 mg (at 900 mg/m2) infusion Intravenous daily intermittent over 30 minutes for 1 day in sodium chloride 0.9% w/v 250 mL (1) at the rate of 500 mL/hr	Carboplatin (AUC 6)-Gemcitabine	Ordered	
ONDANSETRON 8 mg tablet Oral daily for 1 day	Carboplatin (AUC 6)-Gemcitabine	Ordered	

These now need to be scheduled

Schedule Visit for Cycle 1 Day 8 - TEST, v13 (2) - 1245781256 - Birthdate: Jan 12, 1959 *** NOT AN ACTUAL PATIENT ***

Institution: RSH Outpt Clinic - TEST
Visit Provider: Vms, MD

Jan 29, 2016

Event	Provider	Location
08:00 -30	Vms, M	Chemo Chair 01 (1)
08:30 -00		
09:00 -30		
09:30 -00		
10:00 -30		
10:30 -00		
11:00 -30		
11:30 -00		
12:00 -30		
12:30 -00		
13:00 -30		
13:30 -00		
14:00 -30		
14:30 -00		
15:00 -30		
15:30 -00		
16:00 -30		
16:30 -00		
17:00 -30		
17:30 -00		
18:00 -30		
18:30 -00		
19:00 -30		
19:30 -00		
20:00 -30		
20:30 -00		

Event: Gem Not D1 (11:00-12:30)
Location: Chemo Chair 01 (1)
Provider: Vms, M

Event Legend:
 Test
 Exam
 Treatment
 Assessment
 Procedure
 Counseling
 Education
 Other

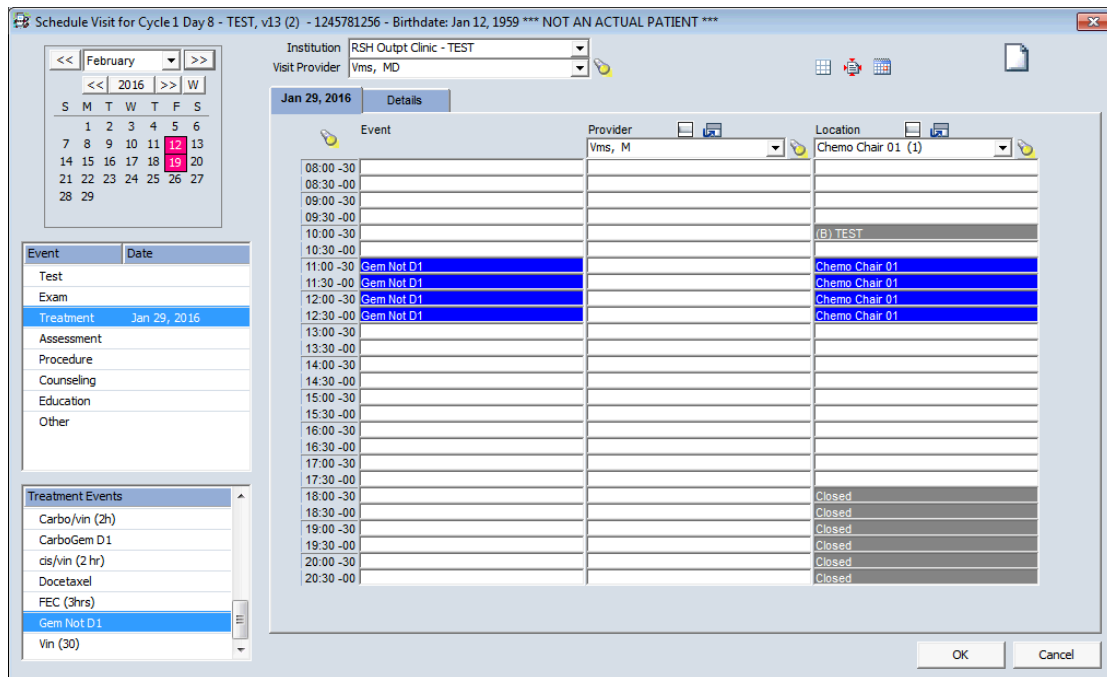
Treatment Events:
 Carbo/vin (2h)
 CarboGem D1
 cis/vin (2 hr)
 Docetaxel
 FEC (3hrs)
 Gem Not D1
 Vin (30)

OK Cancel

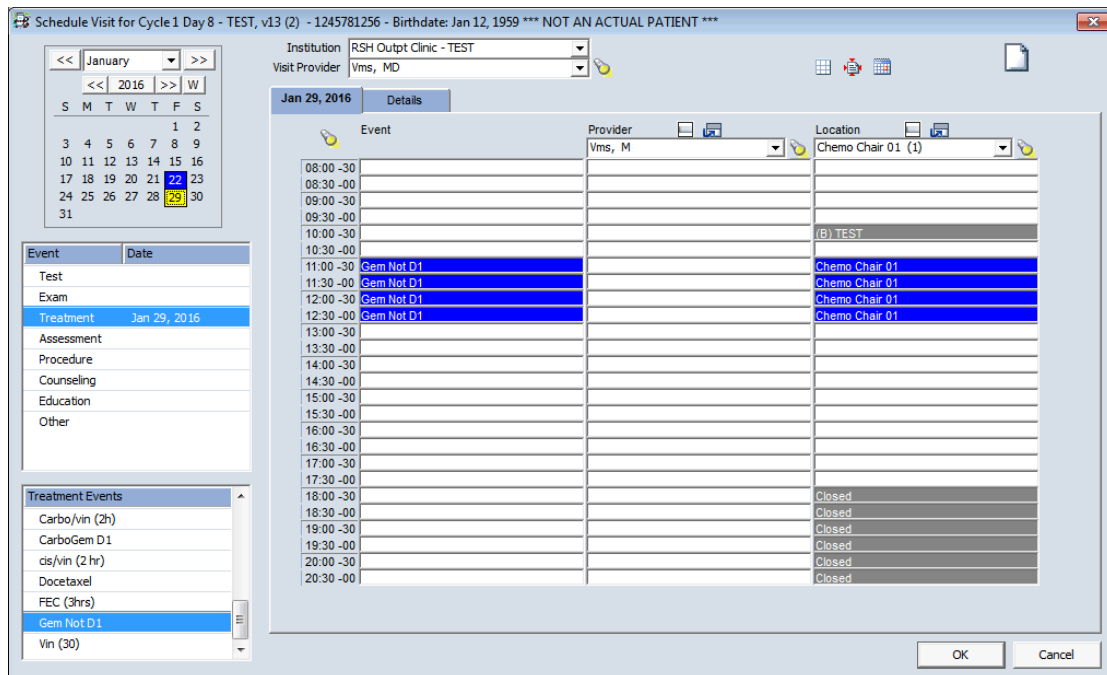
Select Treatment and event eg chemotherapy, then time and location eg chair, bed etc. Provider (mid column) could be generic nurse, although not usually used.

Blue – indicated Scheduled visits

By clicking February 2016 – you can see Planned visits that need to be scheduled



By clicking on 29th January 2016 this changes to “yellow” which indicates the selected date being viewed and the date on the tab next to Details is now showing Jan 29, 2016.



Select Treatment and event eg chemotherapy, then time and location eg chair, bed etc. Provider (mid column) could be generic nurse for all the dates of the cycle that need to be scheduled.

Select the middle icon at the top of the screen



This shows Location Expanded View by Group eg Red zone, Blue zone etc. Appointments can be booked in this window, by changing the drop down boxes on the bottom left of the screen.

Location Expanded View

Group: C3 Day Case Date: Fri Jan 29, 2016

	Day Bed A16	Day Bed A17	Day Bed B10	Day Bed B11	Day C7 Chemo Bed	Day C7 Chemo Bed	Day Chair A13	Day Chair A14	Day Chair A15	Day Cr
08:00-30	Closed	Closed	Closed	Closed			Closed	Closed	Closed	Closed
08:30-00	Closed	Closed	Closed	Closed			Closed	Closed	Closed	Closed
09:00-30	Closed	Closed	Closed	Closed						
09:30-00	Closed	Closed	Closed	Closed						
10:00-30										
10:30-00										
11:00-30										
11:30-00										
12:00-30										
12:30-00										
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15:00-30										
15:30-00										
16:00-30										
16:30-00										
17:00-30										
17:30-00										
18:00-30					Closed	Closed				
18:30-00					Closed	Closed				
19:00-30					Closed	Closed				
19:30-00					Closed	Closed				
20:00-30	Closed	Closed	Closed	Closed	Closed	Closed	Closed	Closed	Closed	Closed
20:30-00	Closed	Closed	Closed	Closed	Closed	Closed	Closed	Closed	Closed	Closed

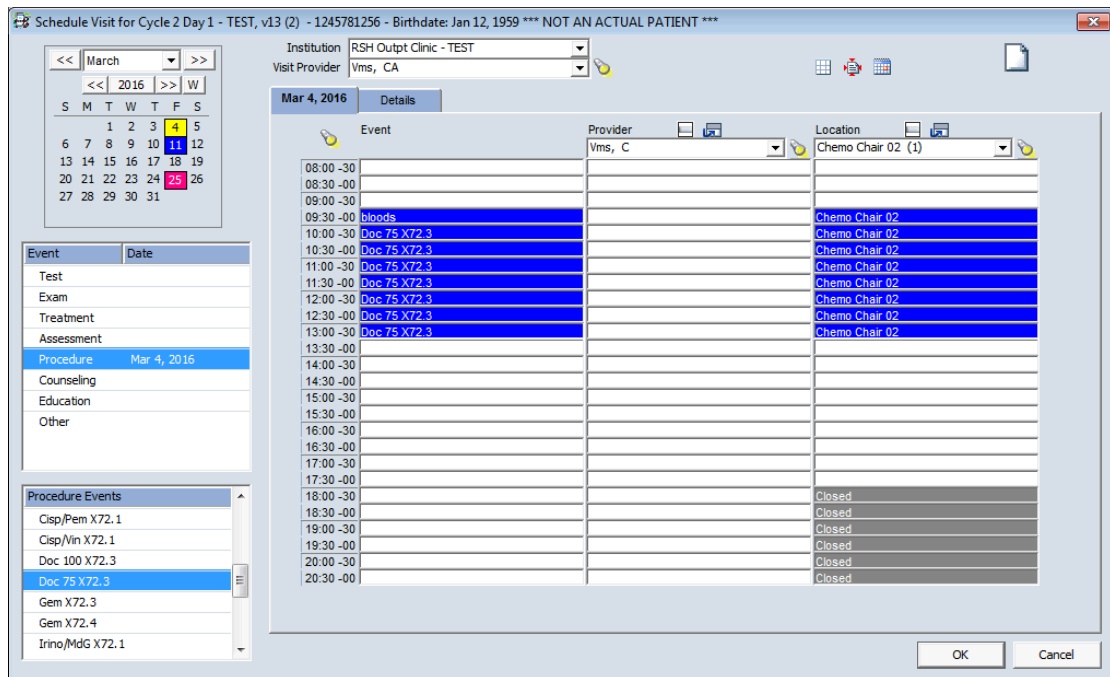
Book: Treatment Gem Not D1 Select Close

SCHEDULING FOR MORE THAN ONE EVENT FOR THE SAME PATIENT ON THE SAME DAY

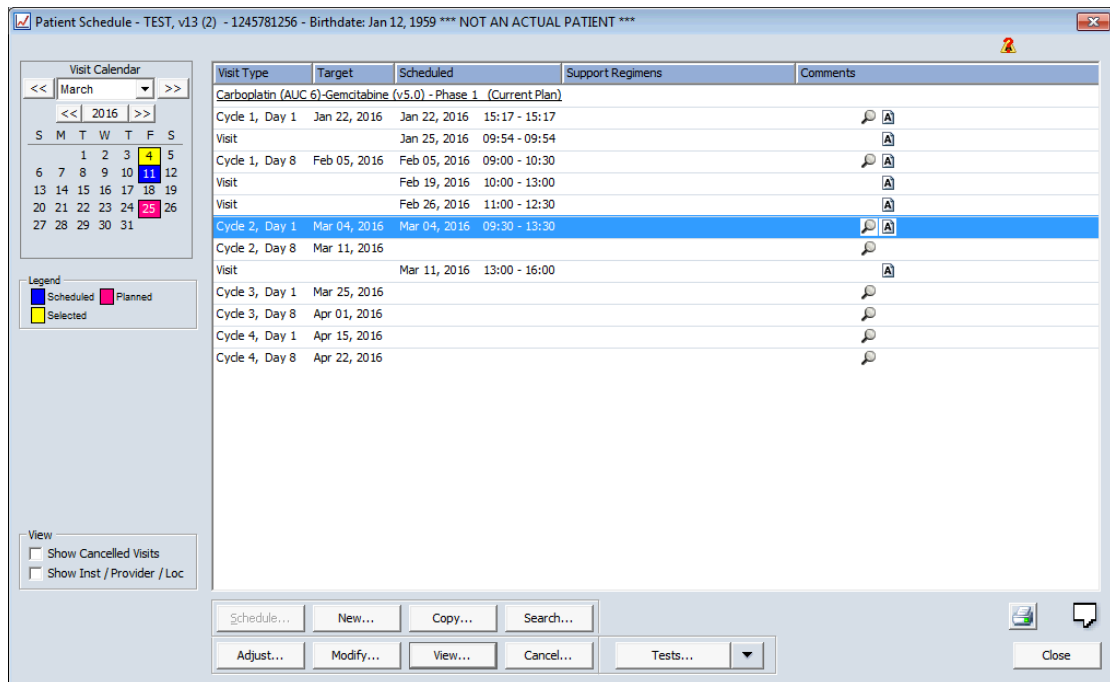
You will see that I have selected Procedure – bloods and booked 10.30-00

Click Select

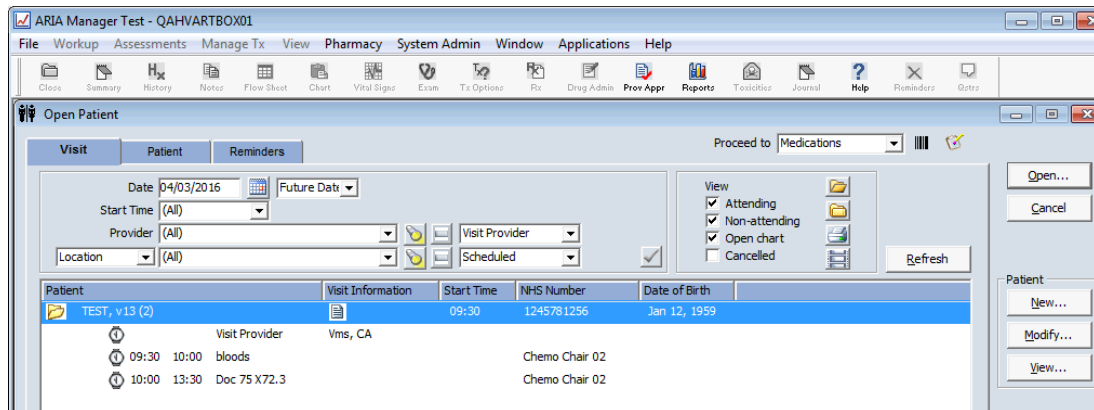
Now select the other Event eg Treatment Docetaxel



Click OK this appears as one entry for 4th March 2016

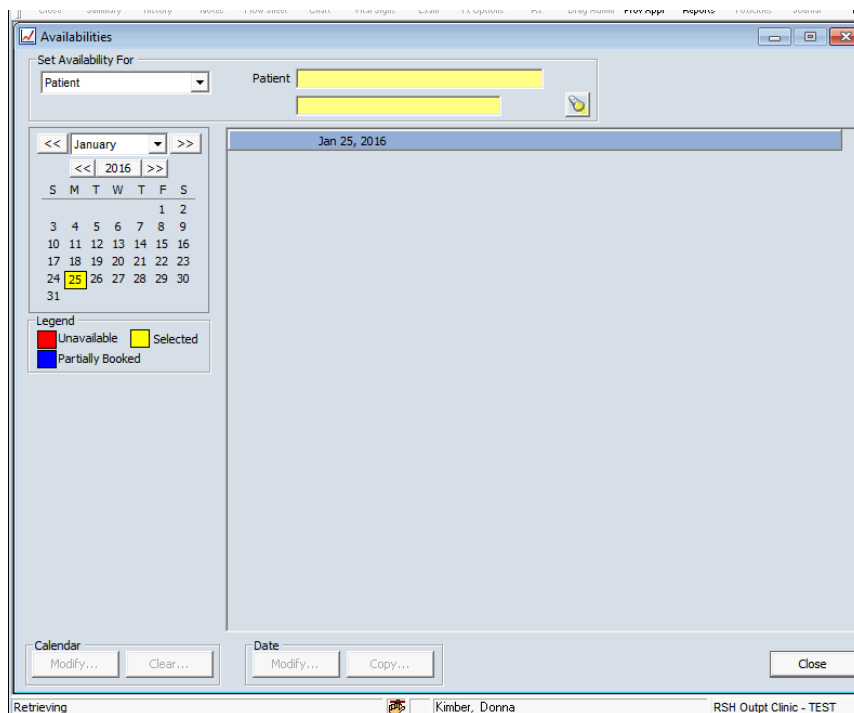


On Open Patient Window it will appear as two lines



Blocking time out in Schedule – this can be used for holidays, study days etc

In Manager – System Admin – Availabilities



Set Availability For – Provider or Location

Provider, select Provider and Institution, then Calendar Modify to select date range

Availabilities

Set Availability For

Provider: [Dropdown] Provider: Vms, MD

Practice: (All)

Practice List:

- (All)
- Andover War Memorial Hospital - TEST
- AWMH Outpt Clinic - TEST
- Basingstoke & North Hampshire NHS Found - T
- Basingstoke Hospital Adult (BH) - TEST
- Basingstoke Hospital Paeds (BH) - TEST

Calendar: January 2016

Legend:

- Unavailable
- Selected
- Partially Booked

Calendar: Modify... Clear... Date: Modify... Copy... Close

Retrieving Kimber, Donna RSH Outpt Clinic - TEST

Close Summary History Notes Flow Sheet Chart Vital Signs Exam Tx Options Rx Drug Admin **Prov Appr** Reports Toxicities Journal Help

Availabilities

Set Availability For

Provider: [Dropdown] Provider: Vms, MD

Practice: RHC Outpt Clinic - TEST

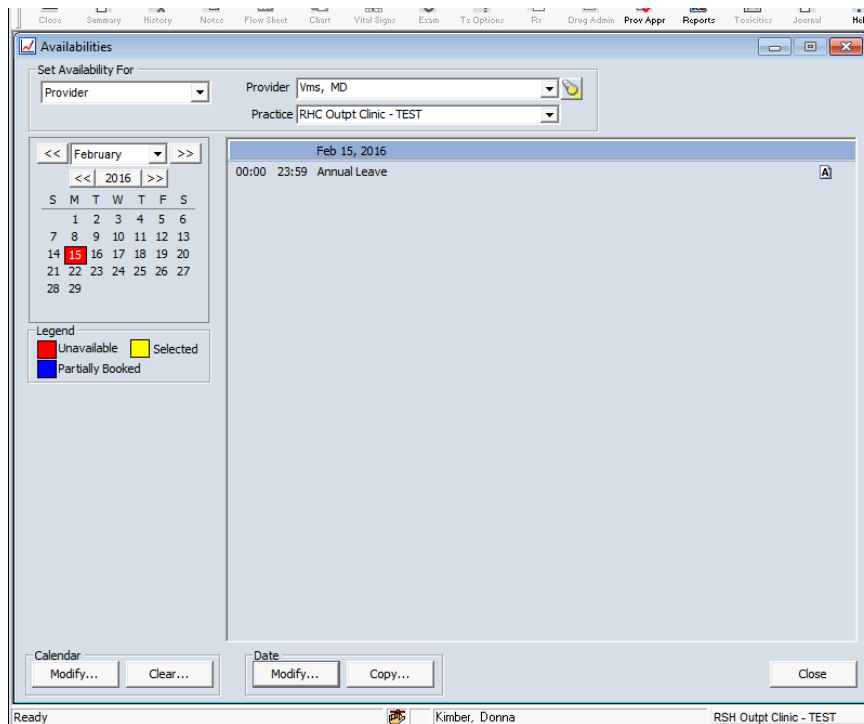
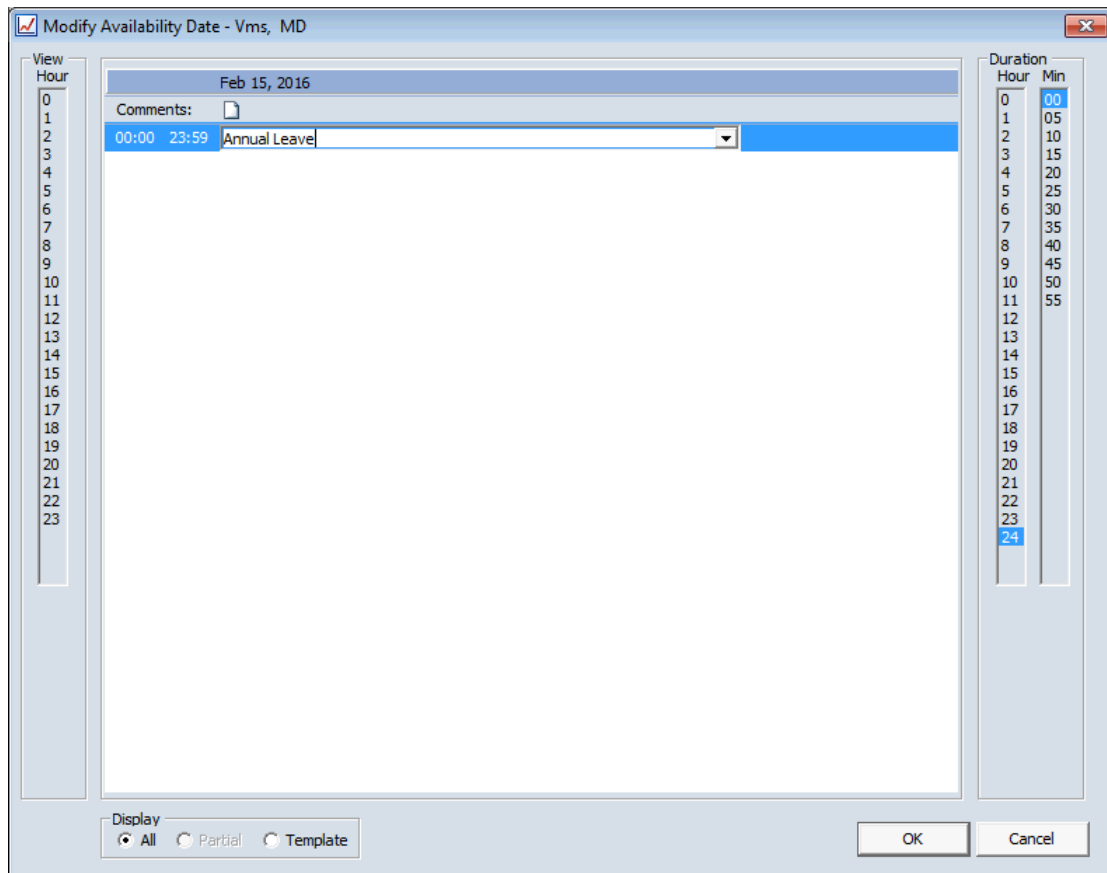
Calendar: February 2016

Legend:

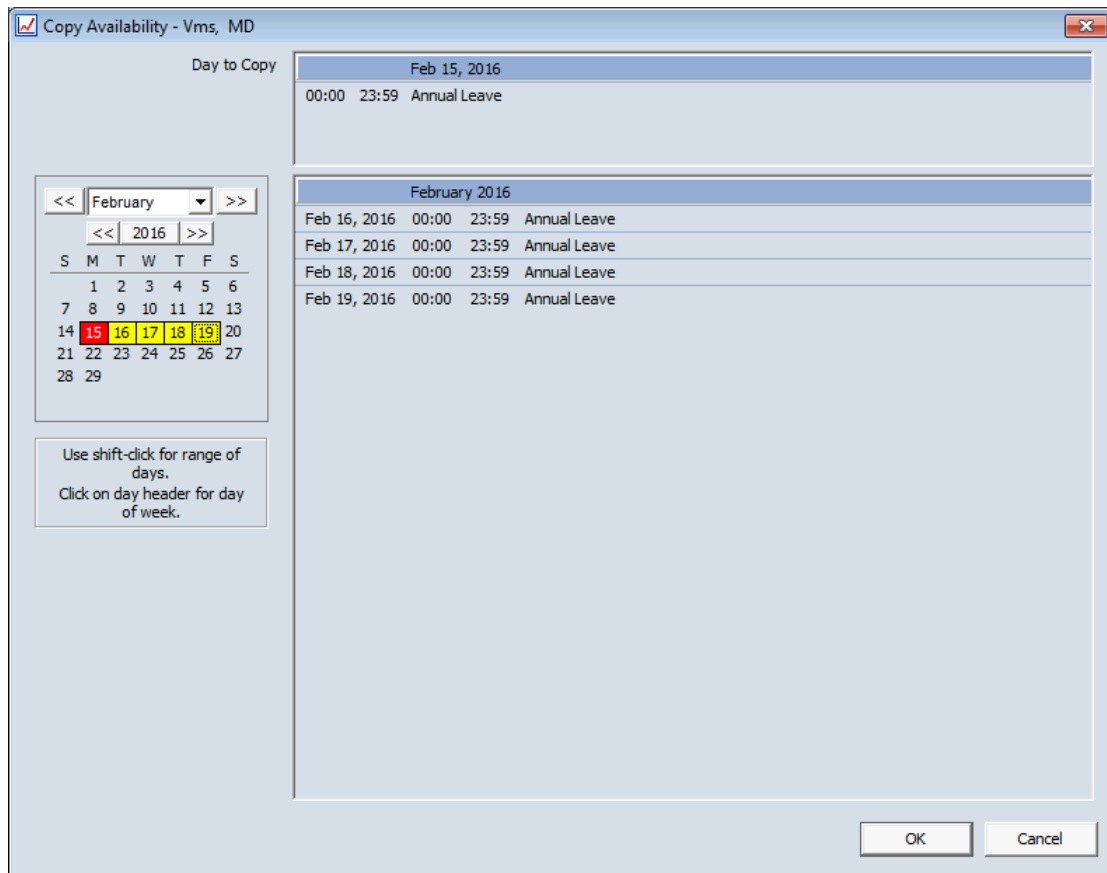
- Unavailable
- Selected
- Partially Booked

Calendar: Modify... Clear... Date: Feb 15, 2016 Modify... Copy... Close

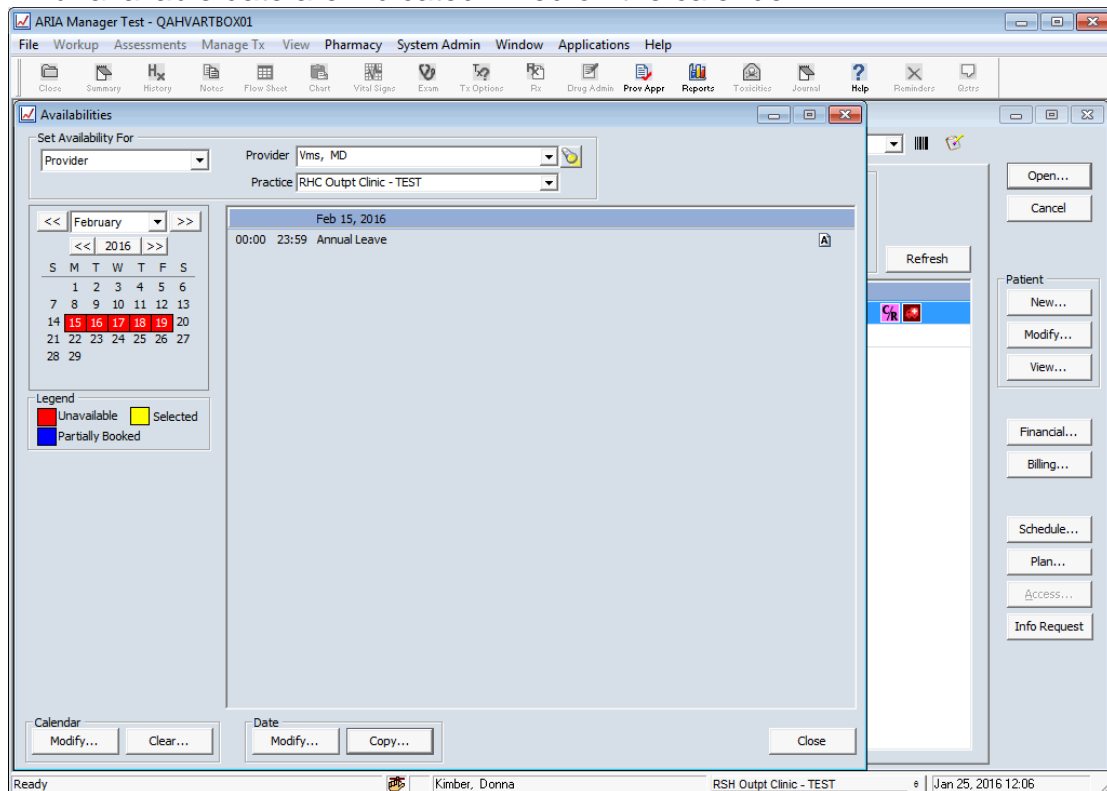
Ready Kimber, Donna RSH Outpt Clinic - TEST



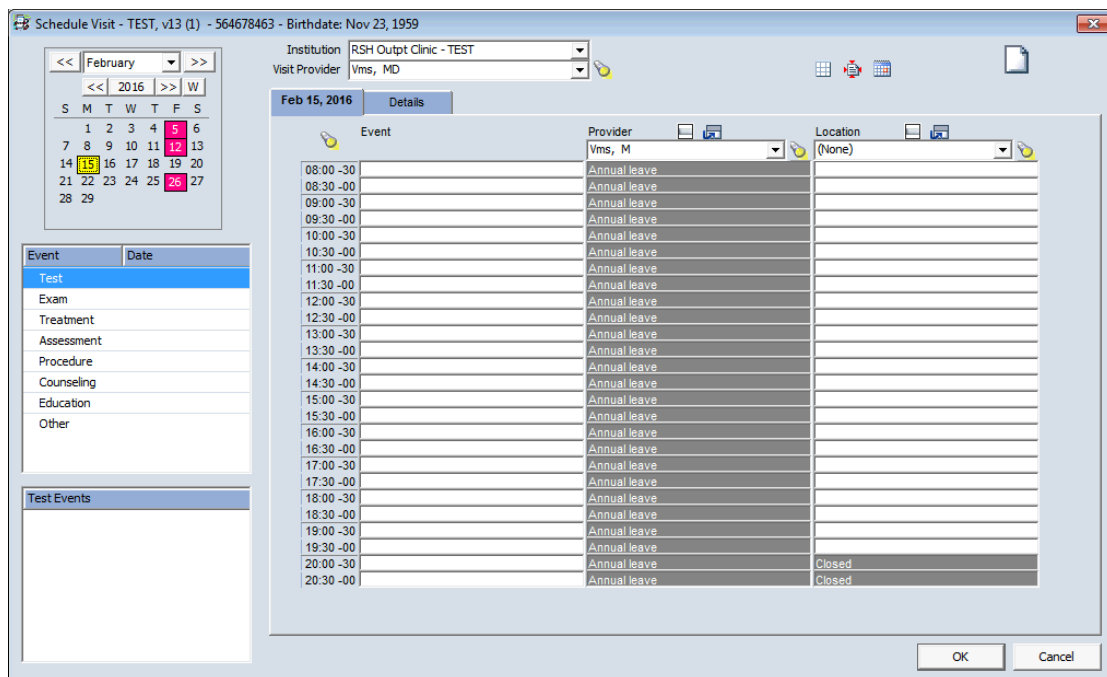
This can then be copied to all relevant dates



All unavailable date are indicated in red on the calendar



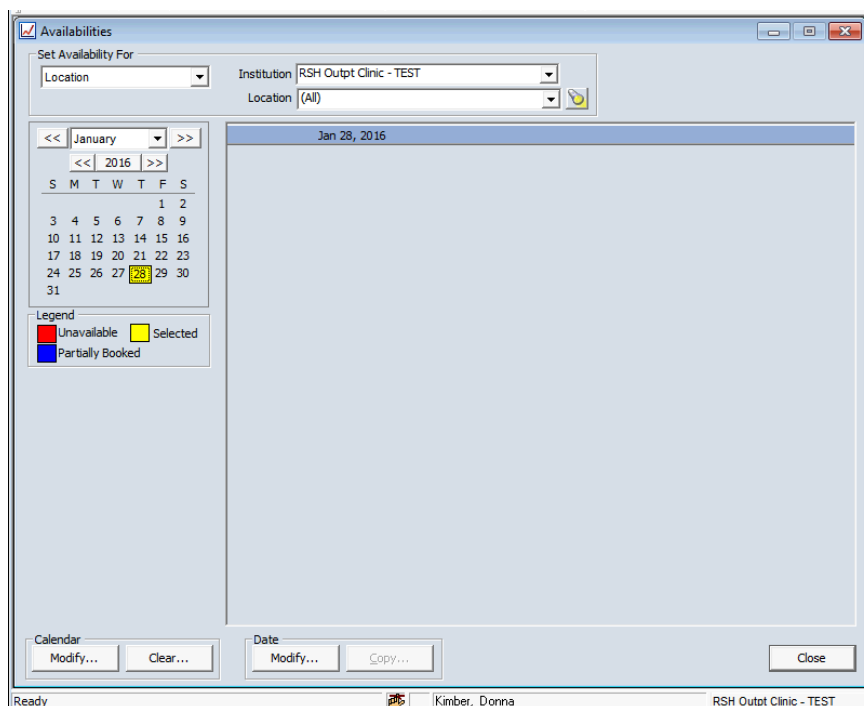
In scheduling if trying to book with this provider the following will appear



Unavailable comment – select from drop down menu (this can also be typed in).

Set Availabilities for Location, System Admin – Availabilites,

Location, select Institution and Location



Select Date Modify ..

Modify Availability Date - (All)

View Hour

Jan 28, 2016

Comments:

View Hour	Start Time	End Time	Event
0			
1			
2	08:00	09:00	Staff Meeting
3			
4	09:00	09:30	
5	09:30	10:00	
6	10:00	10:30	
7	10:30	11:00	
8	11:00	11:30	
9	11:30	12:00	
10	12:00	12:30	
11	12:30	13:00	
12	13:00	13:30	
13	13:30	14:00	
14	14:00	14:30	
15	14:30	15:00	
16	15:00	15:30	
17	15:30	16:00	
18	16:00	16:30	
19	16:30	17:00	
20	17:00	17:30	
21	17:30	18:00	
22	18:00	18:30	
23	18:30	19:00	
24	19:00	19:30	
25	19:30	20:00	

Duration Hour Min

0 00

1 30

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

Display

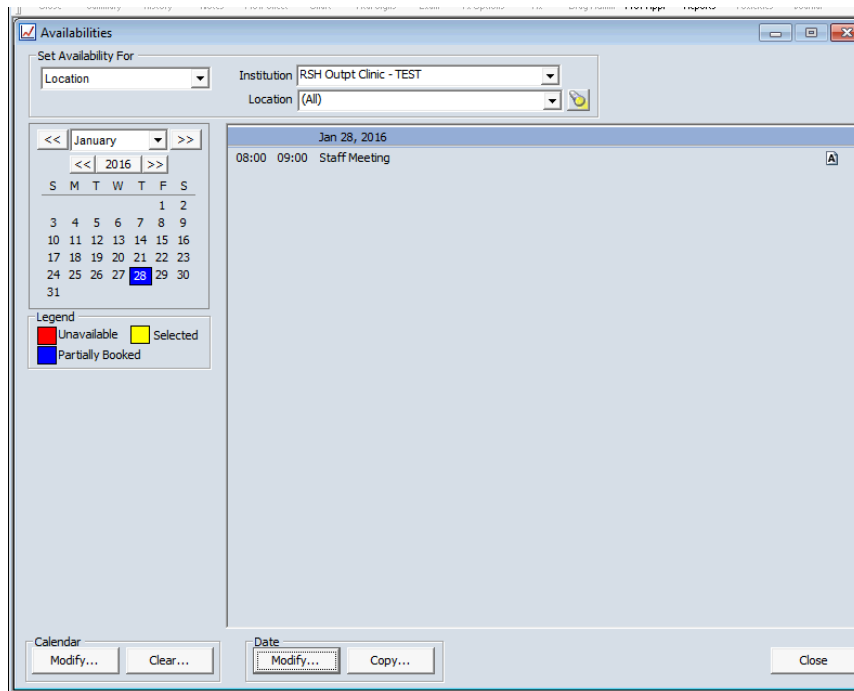
All Partial Template

OK Cancel

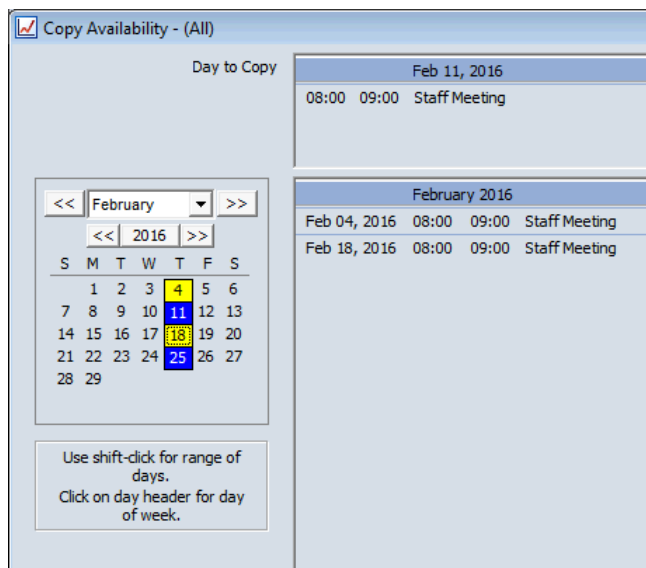
Enter the times the Location will be unavailable eg Thursday 8-9 meeting

Enter a comment eg Staff Meeting (free type)

To then set this time for every Thursday in the calendar click Copy



Select all dates that this applies to – click OK



This now shows in Schedule window that Review Meeting is taking place and indicated not to book appointment.

Schedule Visit - TEST, v13 (1) - 564678463 - Birthdate: Nov 23, 1959

Institution: RSH Outpt Clinic - TEST
 Visit Provider: Vms, MD

Jan 28, 2016

Event	Provider	Location
08:00 -30	Vms, M	(None)
08:30 -00		Staff Meeting
09:00 -30		Staff Meeting
09:30 -00		
10:00 -30		
10:30 -00		
11:00 -30		
11:30 -00		
12:00 -30		
12:30 -00		
13:00 -30		
13:30 -00		
14:00 -30		
14:30 -00		
15:00 -30		
15:30 -00		
16:00 -30		
16:30 -00		
17:00 -30		
17:30 -00		
18:00 -30		
18:30 -00		
19:00 -30		
19:30 -00		
20:00 -30		Closed
20:30 -00		Closed

Event types: Test, Exam, Treatment, Assessment, Procedure, Counseling, Education, Other

Test Events

OK Cancel

The “Set Availabilities – Location” can also be used to alert anyone scheduling the type of appointment restrictions eg intrathecal only

Schedule Visit - TEST, v13 (1) - 564678463 - Birthdate: Nov 23, 1959

Institution: RSH Outpt Clinic - TEST
 Visit Provider: (None)

Jan 25, 2016

Event	Provider	Location
08:00 -30	(None)	Intrathecal Room (1)
08:30 -00		Intrathecal only
09:00 -30		Intrathecal only
09:30 -00		Intrathecal only
10:00 -30		Intrathecal only
10:30 -00		Intrathecal only
11:00 -30		Intrathecal only
11:30 -00		Intrathecal only
12:00 -30		Intrathecal only
12:30 -00		Intrathecal only
13:00 -30		Intrathecal only
13:30 -00		Intrathecal only
14:00 -30		Intrathecal only
14:30 -00		Intrathecal only
15:00 -30		Intrathecal only
15:30 -00		Intrathecal only
16:00 -30		Intrathecal only
16:30 -00		Intrathecal only
17:00 -30		Intrathecal only
17:30 -00		Intrathecal only
18:00 -30		Intrathecal only
18:30 -00		Intrathecal only
19:00 -30		Intrathecal only
19:30 -00		Intrathecal only
20:00 -30		Closed
20:30 -00		Closed

Event types: Test, Exam, Treatment, Assessment, Procedure, Counseling, Education, Other

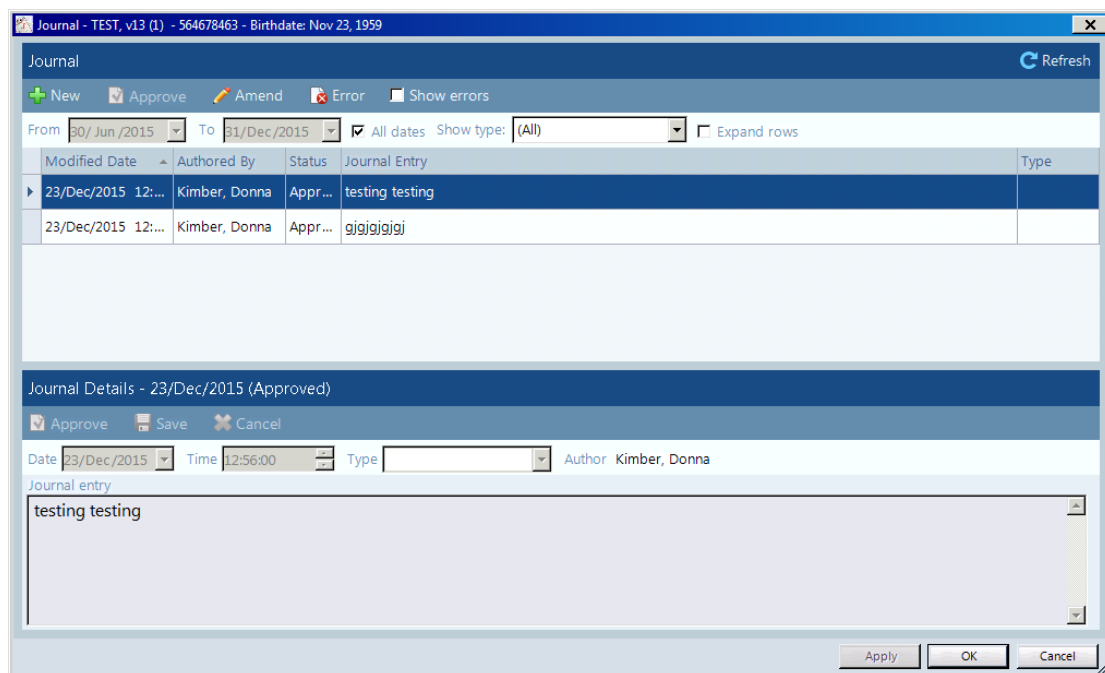
Test Events


OK Cancel

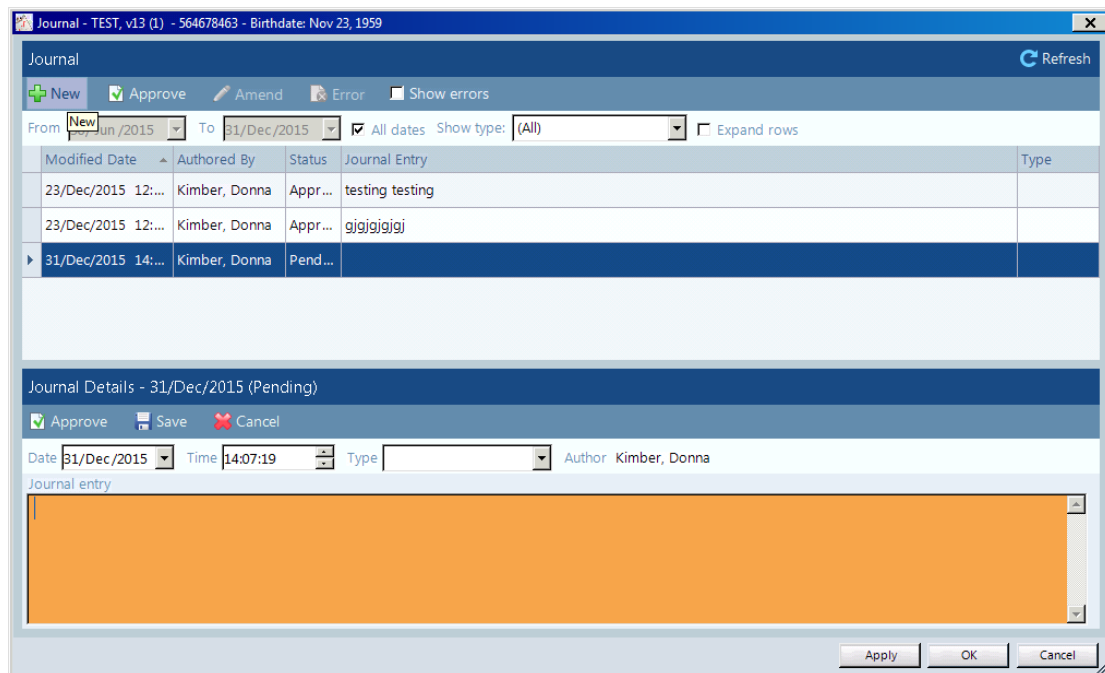
12 PATIENT JOURNAL

The patient journal is a very useful way of recording information; it is intended to be used as a running commentary for anything noted about the patient that may be relevant to other staff.

Open the patient chart, click Assessments from the top tool bar, and select Journal from the drop down menu. The Journal icon can also be added to your tool bar.

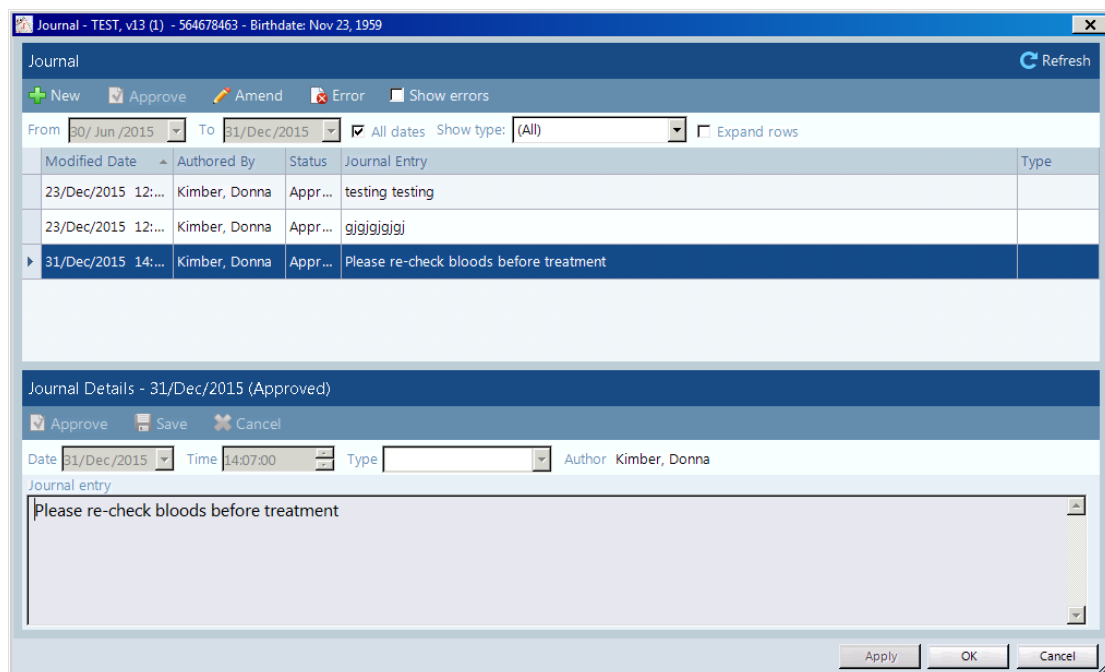


This will shows who made a journal entry with the date and time. To add a comment, click New  on top left of the screen.



Enter the information in the bottom box; there is a limit of 250 characters.

By clicking Apply this puts the comment in a “pending” state, clicking Approve (left of the screen) will show “Approved” status.

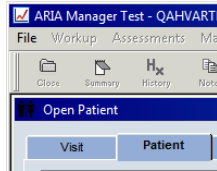


You can search for comments using the Date Range on the top of the screen.

Click Modified Date to arrange in either earliest or latest date order.

13 LOGGING OFF

You must always log off by clicking File (top left of screen) and Exit Manager on the drop down list.



When logging off you must **NEVER** click the X on top right of the screen this will close your window but you will still be logged into the system.

14 RE-SETTING YOUR PASSWORD

If you have forgotten your password each Trust has three “super users” with the ability to re-set passwords.

NB: you will be given five attempts to enter your password, after which the system will “suspend” your account, you will need to contact your Trust super user to re-active your account and re-set your password.

Trust Super Users:

1. Name:

Ext / bleep:

2. Name:

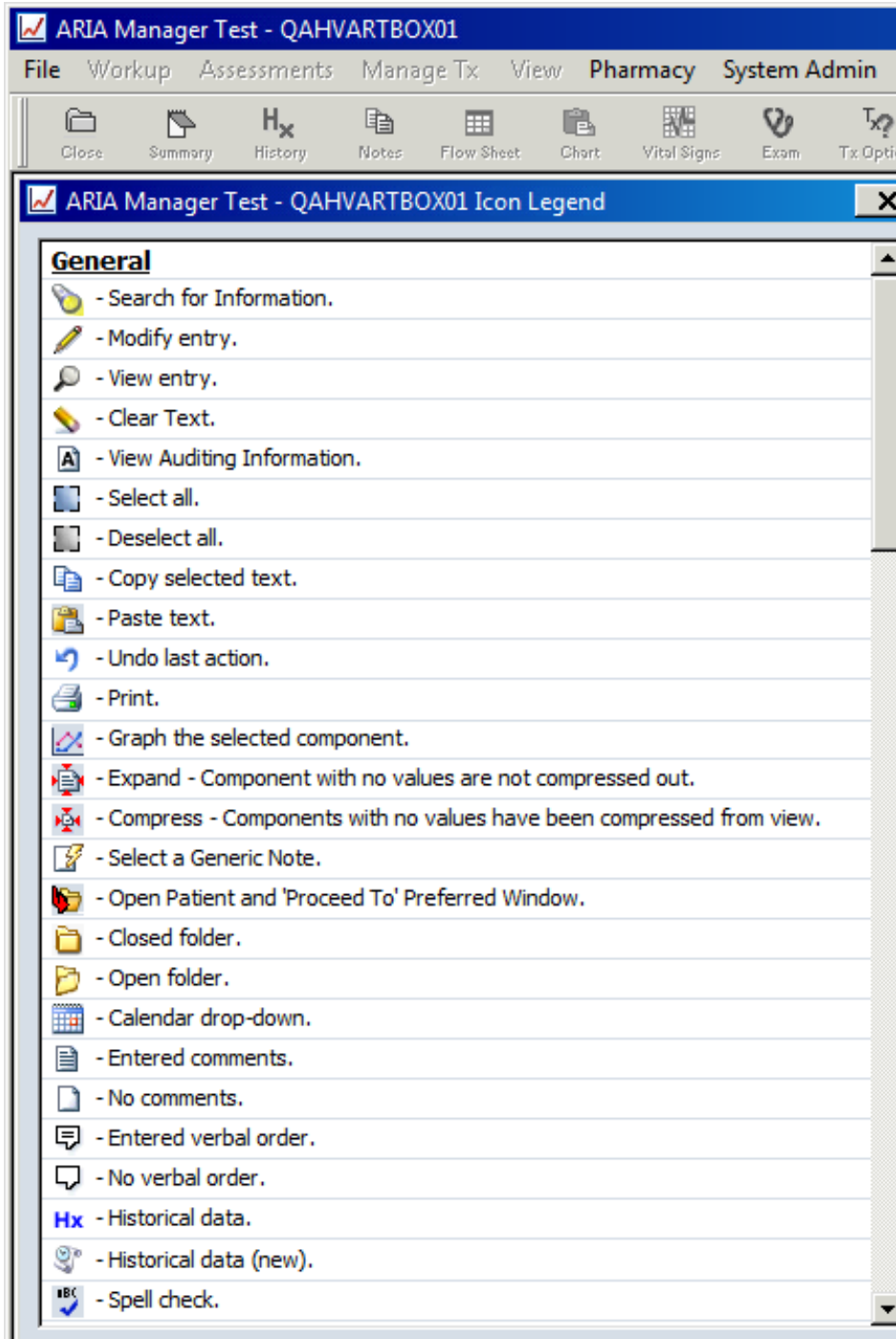
Ext / bleep:

3. Name:

Ext / bleep:

15 ICON GLOSSARY

This list of Icons can be found by clicking on the Help button on the top tool bar and select Icon Legend from the drop down menu.



ARIA Manager Test - QAHVARTBOX01

File Workup Assessments Manage Tx View Pharmacy System Admin

Close Summary History Notes Flow Sheet Chart Vital Signs Exam Tx Opt

ARIA Manager Test - QAHVARTBOX01 Icon Legend

- Use latest data.
- Variance.
- Discontinued.
- Quick edit.
- Dose banding.
- Changed indicator for advanced auditing.

Open Patient







- View my Recently Opened Patients.
- Scan and Open Patient File.
- Print Labels.
- Allergy Indicator.
- No Known Allergies Indicator.
- No Allergy Information Documented
- Infection Indicator.
- Advance Directives Indicator.
- Visit financial status.
- Co-payment amount.
- Visit financial status and co-payment amount.
- Non Attending Visit.
- High Priority Comments Exist for the Patient.
- Clinical Trial Patient.
- PatientTracking.

Patient Schedule




- Move to the Next Available Time Slot.
- View the Schedule for a Provider or a Location.
- Patient is New to Department, Institution or Provider.

	- Tentative Appointment.
	- Availability summary.
Tests	
	- Patient Alert.
	- Component is above the normal maximum.
	- Component is below the normal minimum.
	- The test order is not covered by the patient's insurance.
	- There are diagnoses linked to this test order.
	- There are no diagnoses linked to this test order.
	- To assign a producer to a test result.
	- The order was electronically sent.
	- Test result status legend.
	- Placer number details.
	- Preliminary test results.
	- Specimens.
	- LOINC Code.
Exam	
	- Abnormal System Assessment.
	- Normal System Assessment.
	- Toggle Structured/Unstructured Mode.
	- Use Last Assessment.
	- Trackable Lesion.



Medications

-  - Component is used for certain dose calculations.
-  - Additional information.
-  - Diluent bag.
-  - Chemotherapy and Support Regimens
-  - Ad Hoc Support
 - E-prescription agent is not found in the drug database (Medi-Span or FDB)
-  - Clinical Pathways Regimens




Treatment Plans

-  - Component is required by the treatment plan.
-  - Component is on the treatment plan (no rules are associated with it).
-  - Component is associated with optional rules in the treatment plan.

Progress Notes

-  - Superscript text.
-  - Subscript text.

Pharmacy

-  - New order within 0 – 15 minutes.
-  - New order within 15 – 60 minutes.
-  - New order within 60 – 240 minutes.

16 FAULT REPORTING

Contact local ICT Service Desk within your Trust

Email	Insert Local Details
Phone	Insert Local Details

Some of the reasons you may need to contact the **Insert Local Details**:

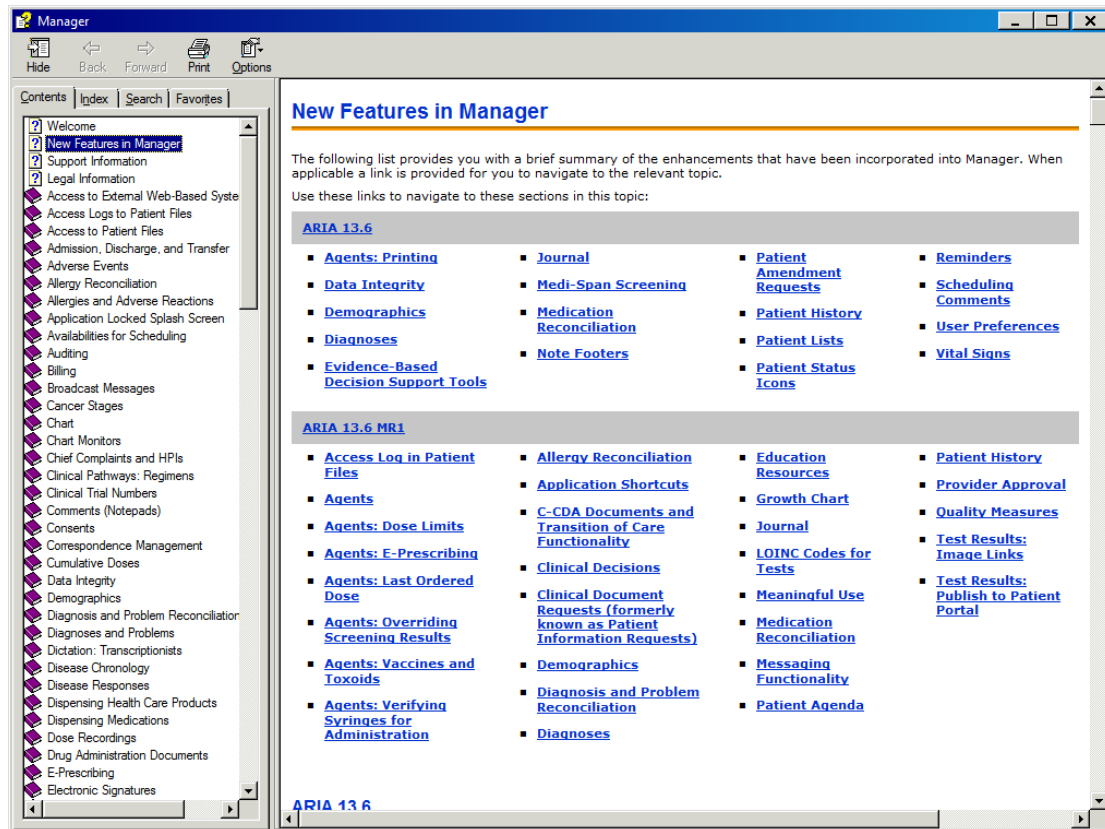
EQUIPMENT FAILURE
SOFTWARE PROBLEMS
SCREEN FREEZES
PASSWORD NON-ACCEPTANCE *

You will need to give the Service Desk certain information, so always ensure you have the following information available. They may need to know:

Insert Local Details – What do they need to assist the help desk?

17 HELP WITH USING ARIA

There is a Help icon on the tool bar which will show new features in v13



There is also help button on the top tool bar, by clicking on this a drop down menu will appear, which again will show new features in v13 and you can select from topics on the left of the screen by either Contents, Index or Search.

If you have only just attended the course and feel you may need additional support, help or advice, you can contact.

Trust contact details (eg Super Users)

Email:

External Phone:

Internal Phone:

Network contact details

Email: d.kimber@nhs.net
Debbie.wright@uhs.nhs.uk

External Phone: 02381 203125

* If you have not used Aria E-Prescribing for more than 12 months you will be required to attend for re-training.

18 VERSION CONTROL LOG

Training Guide	Aria E-Prescribing MedOnc Manager v13.6 MR1.2	
Version	1.0	
Date	August 2016	
Revisions		Page

APPENDIX 1 – Notes

General

- 1 Certain chemotherapy agents appear as non-chemotherapy agents when viewing medication records eg vinorelbine. Variants are aware of this problem should have been resolved
- 2 All protocols can be found on the UHS website <http://www.uhs.nhs.uk/HealthProfessionals/Extranet/Services/Cancer-care/Chemotherapy-protocols/Chemotherapy-protocols.aspx>

Points for Nurses

- 1 The rate of administration of cisplatin states 120minutes. Please note the actual rate is 1mg cisplatin/minute (minimum 120 minutes). Variants will only permit an actual time to be stated. However this warning will appear on the prescription below the administration details.

Points for Prescribers

Lung Cancer

- 1 The dose of carboplatin is set at AUC 6. Please note the starting dose of carboplatin AUC 6 is used with calculated GFR and AUC 5 with EDTA clearance. Consider dose reduction for poor performance patients. You will have to manually change the dose to AUC 5 if required – also see Appendix 3 “How to switch to EDTA”
- 2 The erlotinib dose is fixed at a flat dose of 150mg. This means we cannot set an automatic rounding function if you decide to reduce the dose. Please ensure you manually change the reduced dose calculated by the system to a multiple of 25mg. Erlotinib tablets are available as 25mg, 100mg and 150mg strengths (dose reductions for lung cancer should be in multiples of 50mg)

General

- 1 Pharmacy usually dispense all TTOs on day 1 of the cycle, if you are adding any additional agents to be started on another day eg GCSF to start on day 5, you will need to add it to the day 1 prescription, use Modify to add the information regarding start date in Additional Information.

Points for Pharmacists

Lung Cancer

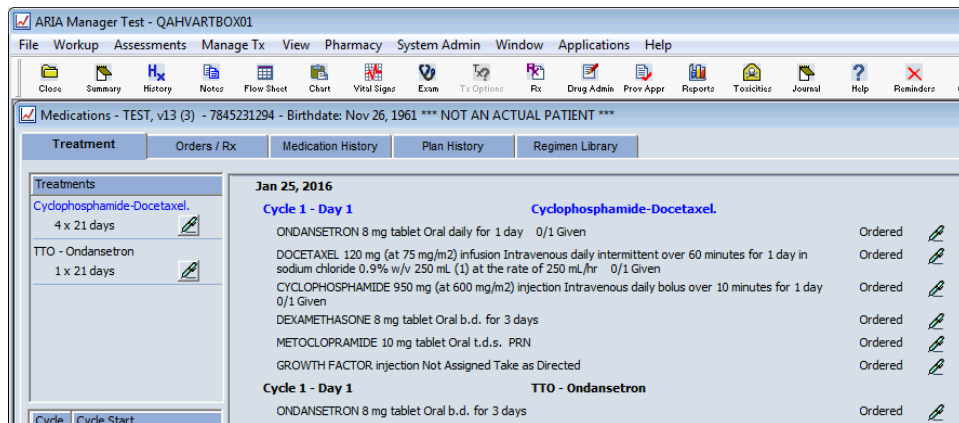
- 1 The dose of carboplatin is set at AUC 6. Please note the starting dose of carboplatin AUC 6 is used with calculated GFR and AUC 5 with EDTA clearance. Consider dose reduction for poor performance patients. You will have to manually change the dose to AUC 5 if required – also see Appendix 3 “How to switch to EDTA”

- 2 The erlotinib dose is fixed at a flat dose of 150mg. This means we cannot set an automatic rounding function if you decide to reduce the dose. Please ensure you manually change the reduced dose calculated by the system to a multiple of 25mg. Erlotinib tablets are available as 25mg, 100mg and 150mg strengths (dose reductions for lung cancer should be in multiples of 50mg)

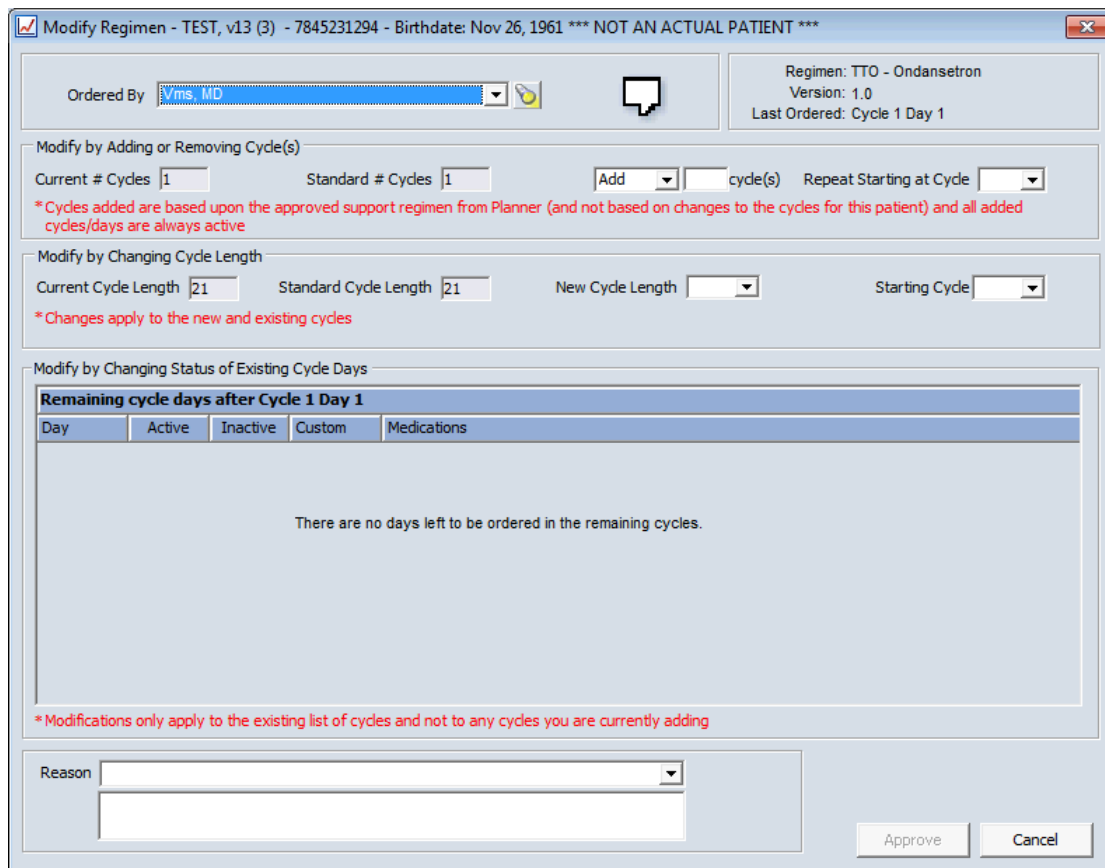
APPENDIX 2

In August 2010 it was agreed across the Network that regimens should include antiemetics, therefore the only antiemetics to be added will be additional TTO's or Stat doses.

The following screen shots show on how to "modify" the additional support regimens to run concurrently with all the treatment cycles allocated.



To add this antiemetic support regimen for all cycles click the pen icon (right of 1 x 21 days), a drop down menu will appear, click Modify.



In the second box on left of screen Current # cycles is 1, then Add to which you can now enter the extra number of cycles required eg 3.
 You will also need to enter a reason in the box at the bottom, then Approve.

Modify Regimen - TEST, v13 (3) - 7845231294 - Birthdate: Nov 26, 1961 *** NOT AN ACTUAL PATIENT ***

Ordered By: Vms, MD

Regimen: T10 - Ondansetron
 Version: 1.0
 Last Ordered: Cycle 1 Day 1

Modify by Adding or Removing Cycle(s)
 Current # Cycles: 1 Standard # Cycles: 1 Add 3 cycle(s) Repeat Starting at Cycle: [dropdown]
 * Cycles added are based upon the approved support regimen from Planner (and not based on changes to the cycles for this patient) and all added cycles/days are always active

Modify by Changing Cycle Length
 Current Cycle Length: 21 Standard Cycle Length: 21 New Cycle Length: [dropdown] Starting Cycle: [dropdown]
 * Changes apply to the new and existing cycles

Modify by Changing Status of Existing Cycle Days

Remaining cycle days after Cycle 1 Day 1				
Day	Active	Inactive	Custom	Medications
There are no days left to be ordered in the remaining cycles.				

* Modifications only apply to the existing list of cycles and not to any cycles you are currently adding

Reason: Disease Response
 Disease Response

Approve Cancel

You will also need to add at which cycle to start eg #1 to the box on right of additional cycles required

Modify Regimen - TEST, v13 (3) - 7845231294 - Birthdate: Nov 26, 1961 *** NOT AN ACTUAL PATIENT ***

Ordered By: Vms, MD

Regimen: TTO - Ondansetron
Version: 1.0
Last Ordered: Cycle 1 Day 1

Modify by Adding or Removing Cycle(s)
Current # Cycles: 1 Standard # Cycles: 1 Add 3 cycle(s) Repeat Starting at Cycle: [dropdown]

* Cycles added are based upon the approved support regimen from Planner (and not based on changes to the cycles for this patient) and all added cycles/days are always active

Modify by Changing Cycle Length
Current Cycle Length: 21 Standard Cycle Length: 21 New Cycle Length: [dropdown] Starting Cycle: [dropdown]

* Changes apply to the new and existing cycles

Modify by Changing Status of Existing Cycle Days

Remaining cycle days after Cycle 1 Day 1				
Day	Active	Inactive	Custom	Medications
There are no days left to be ordered in the remaining cycles.				

* Modifications only apply to the existing list of cycles and not to any cycles you are currently adding

Reason: Disease Response

Approve Cancel

You will now see that the number of cycles has changed to 4 x 21 days

ARIA Manager Test - QAHVARTBOX01

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

Medications - TEST, v13 (3) - 7845231294 - Birthdate: Nov 26, 1961 *** NOT AN ACTUAL PATIENT ***

Treatment Orders / Rx Medication History Plan History Regimen Library

Treatments	Jan 25, 2016
Cyclophosphamide-Docetaxel 4 x 21 days	Cycle 1 - Day 1 Cyclophosphamide-Docetaxel ONDANSETRON 8 mg tablet Oral daily for 1 day 0/1 Given DOCETAXEL 120 mg (at 75 mg/m ²) infusion Intravenous daily intermittent over 6 sodium chloride 0.9% w/v 250 mL (1) at the rate of 250 mL/hr 0/1 Given CYCLOPHOSPHAMIDE 950 mg (at 600 mg/m ²) injection Intravenous daily bolus 0/1 Given DEXAMETHASONE 8 mg tablet Oral b.d. for 3 days METOCLOPRAMIDE 10 mg tablet Oral t.d.s. PRN GROWTH FACTOR injection Not Assigned Take as Directed
TTO - Ondansetron 4 x 21 days	Cycle 1 - Day 1 TTO - Ondansetron ONDANSETRON 8 mg tablet Oral b.d. for 3 days

APPENDIX 3

Adding additional cycles for a support regimen

It is not possible to have two regimens prescribed concurrently, therefore you may be required to add additional treatment as a support regimen eg rituximab

The screenshot displays the ARIA Manager Test software interface. The main window shows the 'Medications - TEST, v13 (1) - 564678463 - Birthdate: Nov 23, 1959' window. The 'Treatment' tab is selected, showing a list of treatments on the left and a detailed view of the current regimen on the right. The regimen is for 'Rituximab (3 weekly)' and includes various medications like Chlorphenamine, Hydrocortisone, Paracetamol, Rituximab, and Salbutamol. A table at the bottom left shows the cycle start dates: Cycle 1 (Feb 05, 2016), Cycle 2 (Feb 26, 2016), Cycle 3 (Mar 18, 2016), and Cycle 4 (Apr 08, 2016).

Cycle	Cycle Start
1	* Feb 05, 2016
2	Feb 26, 2016
3	Mar 18, 2016
4	Apr 08, 2016

The following screen shots show on how to “modify” the additional support regimens to run concurrently with all the treatment cycles allocated. Add 3 cycles, repeat starting at cycle 1.

Modify Regimen - TEST, v13 (1) - 564678463 - Birthdate: Nov 23, 1959

Ordered By:

Regimen: Rituximab (3 weekly)
Version: 2.0
Last Ordered: Cycle 1 Day 1

Modify by Adding or Removing Cycle(s)
Current # Cycles Standard # Cycles Add cycle(s) Repeat Starting at Cycle

* Cycles added are based upon the approved support regimen from Planner (and not based on changes to the cycles for this patient) and all added cycles/days are always active

Modify by Changing Cycle Length
Current Cycle Length Standard Cycle Length New Cycle Length Starting Cycle

* Changes apply to the new and existing cycles

Modify by Changing Status of Existing Cycle Days

Remaining cycle days after Cycle 1 Day 1				
Day	Active	Inactive	Custom	Medications
There are no days left to be ordered in the remaining cycles.				

* Modifications only apply to the existing list of cycles and not to any cycles you are currently adding

Reason

ARIA Manager Test - QAHVARTBOX01

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

Close Summary History Notes Flow Sheet Chart Vital Signs Exam Tx Options Rx Drug Admin Prev Appr Reports Toxicities Journal Help Reminders Gists

Medications - TEST, v13 (1) - 564678463 - Birthdate: Nov 23, 1959

Treatment Orders / Rx Medication History Plan History Regimen Library

Treatments	Medication History	Other Drugs Ordered	Order Status
<p>Carboplatin (AUC 6)-Gemcitabine 4 x 21 days</p> <p>Rituximab (3 weekly) 4 x 21 days</p>	<p>Jan 22, 2016 Cycle 1 - Day 1 Delayed Carboplatin (AUC 6)-Gemcitabine</p> <p><input type="checkbox"/> LENOGRASTIM 263 mcg injection Subcutaneous daily for 7 days Ordered</p> <p>Jan 29, 2016 Cycle 1 - Day 1 Delayed Carboplatin (AUC 6)-Gemcitabine</p> <p>Feb 05, 2016 Cycle 1 - Day 1 Carboplatin (AUC 6)-Gemcitabine</p> <p>DEXAMETHASONE 8 mg tablet Oral daily for 1 day 0/1 Given Ordered</p> <p>ONDANSETRON 8 mg tablet Oral daily for 1 day 0/1 Given Ordered</p> <p>GEMCITABINE 1,600 mg (at 900 mg/m²) infusion Intravenous daily intermittent over 30 minutes for 1 day in sodium chloride 0.9% w/v 250 mL (1) at the rate of 500 mL/hr Deleted</p> <p>CARBOPLATIN 800 mg (at 6 AUC) infusion Intravenous daily intermittent over 60 minutes for 1 day in glucose 5% w/v 500 mL (2) at the rate of 500 mL/hr 0/1 Given Ordered</p> <p>DEXAMETHASONE 4 mg tablet Oral b.d. for 3 days Ordered</p> <p>METOCLOPRAMIDE 10 mg tablet Oral t.d.s. PRN Ordered</p> <p>Feb 12, 2016 Cycle 1 - Day 8 Carboplatin (AUC 6)-Gemcitabine</p> <p>METOCLOPRAMIDE 10 mg tablet Oral daily for 1 day 0/1 Given Ordered</p> <p>GEMCITABINE 1,600 mg (at 900 mg/m²) infusion Intravenous daily intermittent over 30 minutes for 1 day in sodium chloride 0.9% w/v 250 mL (1) at the rate of 500 mL/hr 0/1 Given Ordered</p>	<p>Order...</p> <p>New...</p> <p>Scores</p> <p>GrD</p> <p>Select</p>	

Ready Kimber, Donna RSH Outpt Clinic - TEST Jan 25, 2016 15:23

APPENDIX 4

How to switch between AUC doses calculated using CrCl versus EDTA.

If a regimen is defined to calculate Carboplatin using the Est Cr Cl – AUC (CrCl), the drug calculation can be switched on a patient and dose basis at the time of ordering.

Step 1

Select the day(s) of treatment and order as usual to have the doses calculated.

The screenshot shows the ARIA Manager Test interface for a patient named Andrew T. Bates. The main window is titled 'Modify Prescription Details (207200006) - TEST, v13 (1) - 564678463 - Birthdate: Nov 23, 1959'. The 'Order / Rx' tab is active, showing a list of medications under the heading 'Carboplatin (AUC 6)-Gemcitabine'. The status is 'PENDING'. The medications listed are:

- 1 DEXAMETHASONE 8 mg tablet Oral daily for 1 day
- 2 ONDANSETRON 8 mg tablet Oral daily for 1 day
- 3 GEMCITABINE 1,600 mg (at 900 mg/m²) infusion Intravenous daily intermittent over 30 minutes for 1 day in sodium chloride 0.9% w/v 250 mL (1) at the rate of 500 mL/hr
- 4 CARBOPLATIN 800 mg (at 6 AUC) infusion Intravenous daily intermittent over 60 minutes for 1 day in glucose 5% w/v 500 mL (2) at the rate of 500 mL/hr
- 5 METOCLOPRAMIDE 10 mg tablet Oral daily for 1 day
- 6 GEMCITABINE 1,600 mg (at 900 mg/m²) infusion Intravenous daily intermittent over 30 minutes for 1 day in sodium chloride 0.9% w/v 250 mL (1) at the rate of 500 mL/hr
- 7 DEXAMETHASONE 4 mg tablet Oral b.d. for 3 days

The interface also includes a 'Pickup - Internal' section and a status bar at the bottom showing 'Ready', 'Kimber, Donna', 'RSH Outpt Clinic - TEST', and 'Dec 31, 2015 16:28'.

Step 2

Select the carboplatin and modify

Modify Dosage Specification - TEST, v13 (1) - 564678463 - Birthdate: Nov 23, 1959

Age: 56 yrs Sex: Male

Height	165.00 cms
Weight	75.00 kg
BSA	1.82 sq.m
CrCl	106.07 mL/min Estimate
EDTA	90.00 mL/min

* - Not Most Recent

Format Type: Simple Complex Take as Directed Type: Internal

Agent: CARBOPLATIN

Dose / Range: 800 to Unit: mg

Form: infusion Route: Intravenous

Frequency: daily Duration: 1 days

Days of Week: Weekly Frequency:

PRN

Quantity: Volume: Unit:

Admin Instructions: The starting dose of carboplatin AUC 6 is used with calculated GFR and AUC 5 with EDTA clearance. Consider dose reduction for poor performance patients.

Substitutes Allowed? Indication:

Strength: Ordering Dose: 6 AUC 100 % Last Ordered: None

Infusion Mode: intermittent Duration: 60 minutes

Diluent: glucose 5% w/v 500 mL (2) New

Bag Volume: 500 Rate: 500 mL/hr

Agent Volume:

Start Date: 23/12/2015 Rx Seq. #: 4

Sync. Dur/Qty

ABC [Reset] [OK] [Cancel]

Step 3

Change the unit from mg to AUC (EDTA). You will have the option to enter an EDTA result if one does not already exist for the patient

Modify Dosage Specification - TEST, v13 (1) - 564678463 - Birthdate: Nov 23, 1959

Age: 56 yrs Sex: Male

Height	165.00 cms
Weight	75.00 kg
BSA	1.82 sq.m
CrCl	106.07 mL/min Estimate
EDTA	90.00 mL/min

* - Not Most Recent

Format Type: Simple Complex Take as Directed Type: Internal

Agent: CARBOPLATIN Strength: [] Substitutes Allowed? Indication: []

Dose / Range: [] to [] Unit: AUC (EDTA)

Form: infusion Route: Intravenous

Frequency: daily Duration: 1 days

Days of Week: [] Weekly Frequency: []

PRN:

Quantity: [] Volume: [] Unit: []

Admin Instructions: The starting dose of carboplatin AUC 6 is used with calculated GFR and AUC 5 with EDTA clearance. Consider dose reduction for poor performance patients.

Infusion Mode: intermittent Duration: 60 minutes

Diluent: glucose 5% w/v 500 mL (2) Bag Volume: 500 Rate: 500 mL/hr

Agent Volume: []

Start Date: 23/12/2015 Rx Seq. #: 4

Sync. Dur/Qty:

Buttons: ABC, Reset, OK, Cancel

Change the Dose/Range to the desired AUC value eg 5

Step 4

If there isn't an EDTA value, you will get a message indicating an EDTA value is absent. If there is a non-expired EDTA value, you will get a message indicating the recalculated dose.

The EDTA based AUC calculation will carry forward to the subsequent cycles until changed back.

If the EDTA has expired the carboplatin may revert back to AUC calculation, this is because all carboplatin regimens have been built in Planner as AUC and modified to be AUC EDTA on a per patient basis – see Appendix 5 on how to add an EDTA result if regimen has been modified to use AUC EDTA but screen is requesting a CrCl as the default.

ARIA Manager Test - QAHVARTBOX01

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

Close Summary History Notes Flow Sheet Chart Vital Signs Exam Tx Options Rx Drug Admin Prov Appr Reports Toxicities Journal Help Reminders Qstrs

Modify Prescription Details (207200006) - TEST, v13 (1) - 564678463 - Birthdate: Nov 23, 1959

Order / Rx Medications Cum Dose Alerts Allergies/Adverse Reactions Scores **Carboplatin (AUC 6)-Gemcitabine**

Ordered by Bates, Andrew T. on Dec 23, 2015 at 12:15 Completed Line of Tx Tx Intent Tx Use

Order ID 207200006 Start on 23/12/2015 **PENDING** 1 Adjuv2 Adjuv2

Internal

Administration Start Date Dec 23, 2015 Carboplatin (AUC 6)-Gemcitabine - Cycle 1 Day 1

1	DEXAMETHASONE	8 mg tablet Oral daily for 1 day		Last Ordered: None	Dose Mod. Reason
2	ONDANSETRON	8 mg tablet Oral daily for 1 day		Last Ordered: None	Dose Mod. Reason
3	GEMCITABINE	1,600 mg (at 900 mg/m2) infusion Intravenous daily intermittent over 30 minutes for 1 day in sodium chloride 0.9% w/v 250 mL (1) at the rate of 500 mL/hr		Last Ordered: None	Dose Mod. Reason
4	CARBOPLATIN	600 mg (at 5 AUC (EDTA)) infusion Intravenous daily intermittent over 60 minutes for 1 day in glucose 5% w/v 500 mL (2) at the rate of 500 mL/hr		Last Ordered: None	Dose Mod. Reason

Administration Start Date Dec 30, 2015 Carboplatin (AUC 6)-Gemcitabine - Cycle 1 Day 8

5	METOCLOPRAMIDE	10 mg tablet Oral daily for 1 day		Last Ordered: None	Dose Mod. Reason
6	GEMCITABINE	1,600 mg (at 900 mg/m2) infusion Intravenous daily intermittent over 30 minutes for 1 day in sodium chloride 0.9% w/v 250 mL (1) at the rate of 500 mL/hr		Last Ordered: None	Dose Mod. Reason

Pickup - Internal

Administration Start Date Dec 23, 2015 Carboplatin (AUC 6)-Gemcitabine - Cycle 1 Day 1

7	DEXAMETHASONE	4 mg tablet Oral b.d. for 3 days		Last Ordered: None	Dose Mod. Reason
---	---------------	----------------------------------	--	--------------------	------------------

* Additional administration instructions have been entered

Print... Print Label Approve OK Cancel

Ready Kimber, Donna RSH Outpt Clinic - TEST Dec 31, 2015 16:30

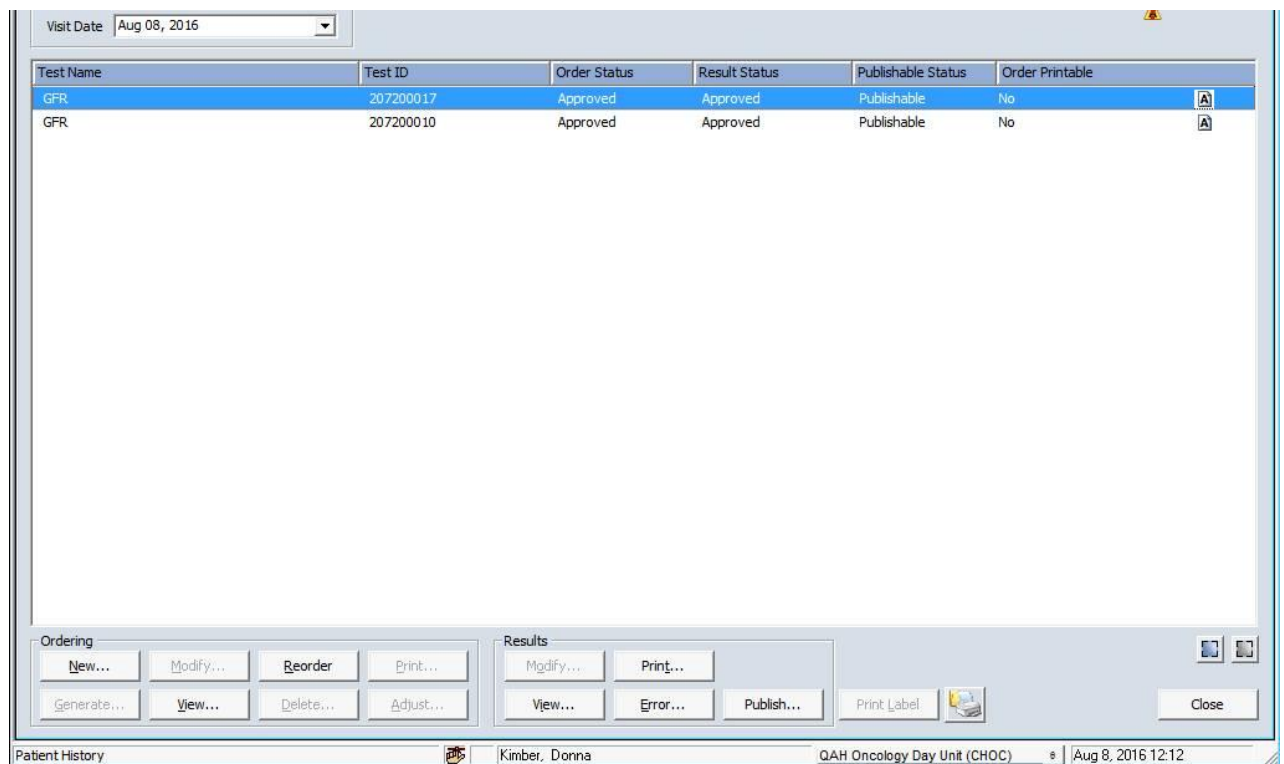
APPENIDX 5

How to add a new lab 'test' eg if EDTA has expired

Select Assessments – Test from top of screen



Then New (bottom left of screen)



Select CSCCN Lab Req

Add Tests/Requisitions to the Test Order

Blank requisitions to add to the order:

Priority	Requisition Name
10	Portsmouth Lab Req
20	CSCCN Lab Req
30	CSCCN Microbiology & Public Health Lab R
40	Affiliated Lab Req
50	Affiliated Diag Imaging
60	Affiliated Cardiopulmonary
70	CSCCN Cardiology Lab
80	CSCCN Pulmonary Req
90	Affiliated Pulmonary Req
100	CSCCN Vital Signs

Then tick the required test – eg EDTA

New Test Orders - zzTEST PHT IT, patient 1 - 1230258713 - Birthdate: Nov 05, 1958 *** NOT AN ACTUAL PATIENT ***

CSCCN Lab Req ACCT X 207200011

Order Status: Pending Requested by: Kimber, Donna Priority: Routine

Result Status: Pending To be Reviewed by: Kimber, Donna

Date Ordered: Aug 02, 2016 Date Requested: 02/08/2016 00:00

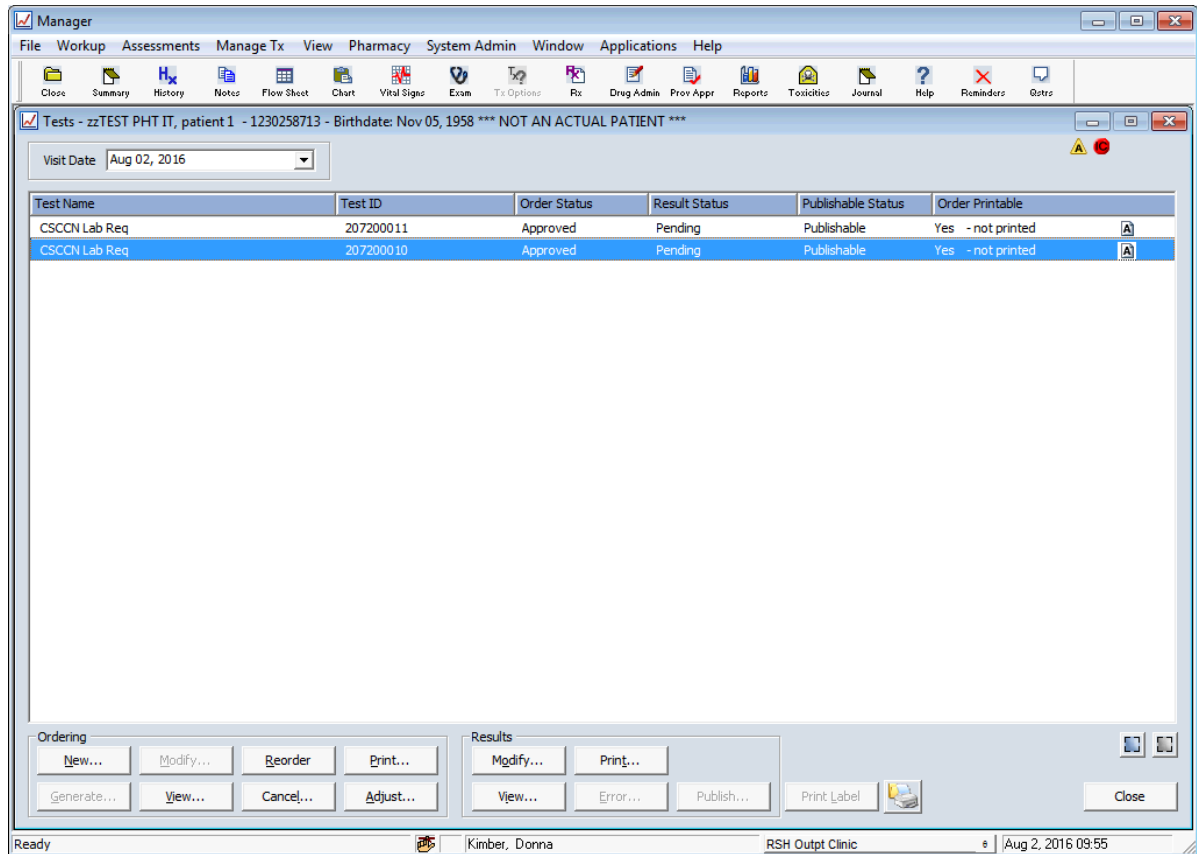
<input type="checkbox"/>	CSF Protein	<input type="checkbox"/>
<input type="checkbox"/>	Desethylamiodarone	<input type="checkbox"/>
<input checked="" type="checkbox"/>	EDTA	<input type="checkbox"/>
<input type="checkbox"/>	Ferritin	<input type="checkbox"/>
<input type="checkbox"/>	Folate RBC	<input type="checkbox"/>
<input type="checkbox"/>	Free Light Chains	<input type="checkbox"/>
<input type="checkbox"/>	FSH	<input type="checkbox"/>
<input type="checkbox"/>	Glycated Hemoglobin (HbA1c)	<input type="checkbox"/>
<input type="checkbox"/>	Growth Hormone	<input type="checkbox"/>
<input type="checkbox"/>	Homocysteine	<input type="checkbox"/>
<input type="checkbox"/>	Iron Profile	<input type="checkbox"/>
<input type="checkbox"/>	Iron	<input type="checkbox"/>
<input type="checkbox"/>	Lactate	<input type="checkbox"/>
<input type="checkbox"/>	Lactate Dehydrogenase (LDH)	<input type="checkbox"/>
<input type="checkbox"/>	Lead	<input type="checkbox"/>
<input type="checkbox"/>	LH	<input type="checkbox"/>
<input type="checkbox"/>	Lithium	<input type="checkbox"/>
<input type="checkbox"/>	Magnesium	<input type="checkbox"/>
<input type="checkbox"/>	Microalbumin	<input type="checkbox"/>
<input type="checkbox"/>	TIBC	<input type="checkbox"/>

Add...
Add Other...

Approve OK Cancel

Click – Approve

In Tests window highlight CSCCN Lab Req - Click Modify – from Results box on bottom of the screen




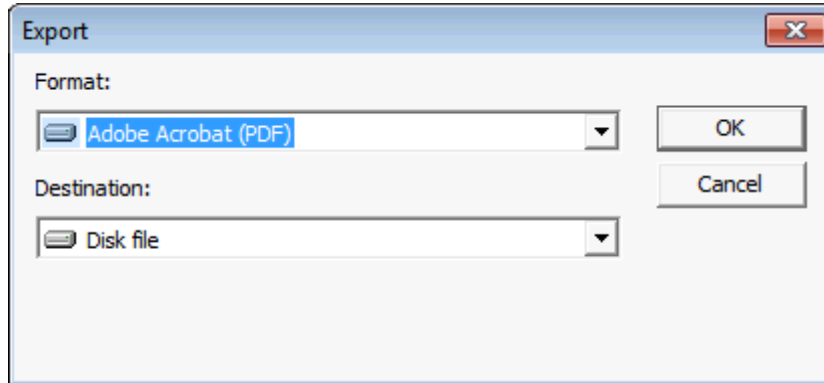
You can then enter the EDTA

The screenshot displays the 'Manager' application window. The title bar reads 'Manager'. The menu bar includes 'File', 'Workup', 'Assessments', 'Manage Tx', 'View', 'Pharmacy', 'System Admin', 'Window', 'Applications', and 'Help'. The toolbar contains icons for 'Close', 'Summary', 'History', 'Notes', 'Flow Sheet', 'Chart', 'Vital Signs', 'Exam', 'Tx Options', 'Rx', 'Drug Admin', 'Prov Appr', 'Reports', 'Toxicities', 'Journal', 'Help', 'Reminders', and 'Gstrs'. The main window title is 'Modify CSCCN Lab Req (207200010) - zzTEST PHT IT, patient 1 - 1230258713 - Birthdate: Nov 05, 1958 *** NOT AN ACTUAL PATIENT ***'. Below the title bar, there is a status bar with 'Collected 02/08/2016', 'Time 09:54', 'Abn. Only', and 'Result Set Full'. The main area shows 'EDTA' with a unit of 'mU/min' and a value of '(-)'. At the bottom, there are buttons for 'Print', 'New', 'Error...', 'Entered Approve', 'All Approve', 'OK', 'Cancel', and 'Close'. The status bar at the very bottom shows 'Ready', 'Kimber, Donna', 'RSH Outpt Clinic', and 'Aug 2, 2016 09:53'.

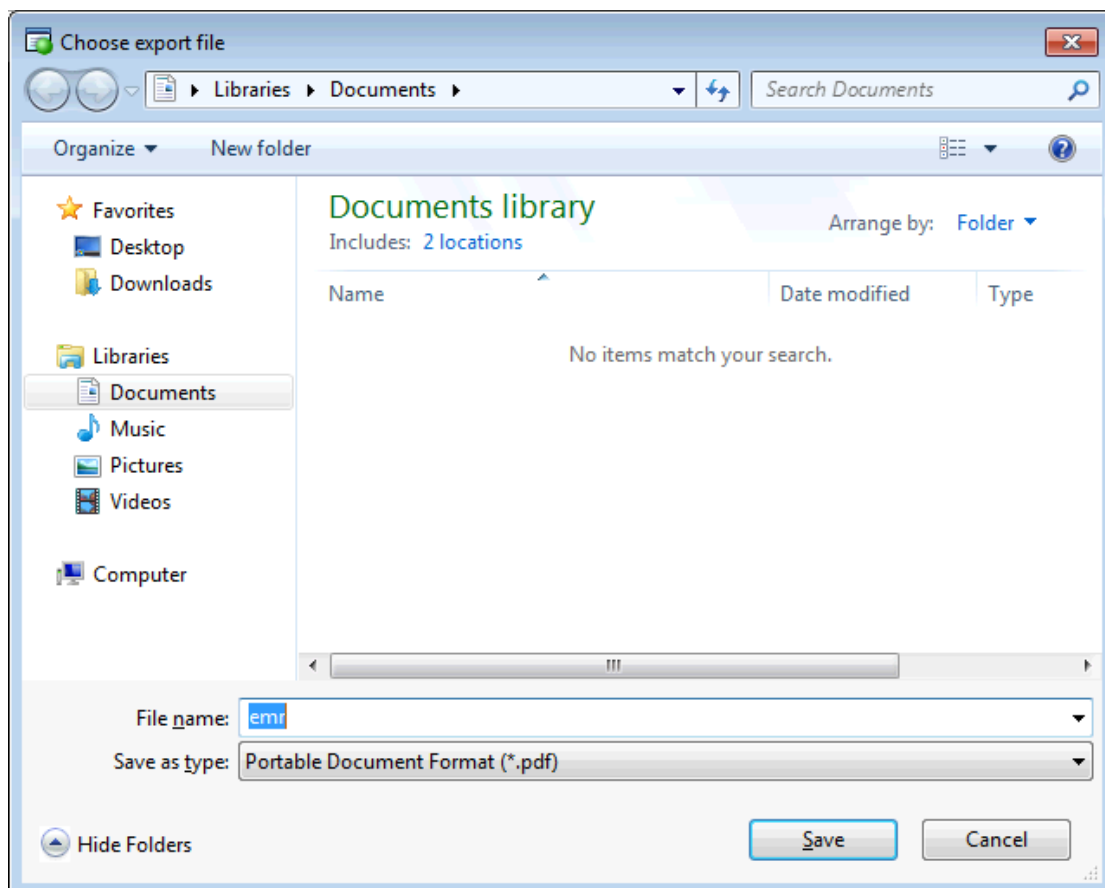
APPENDIX 6

How to export reports from Aria.

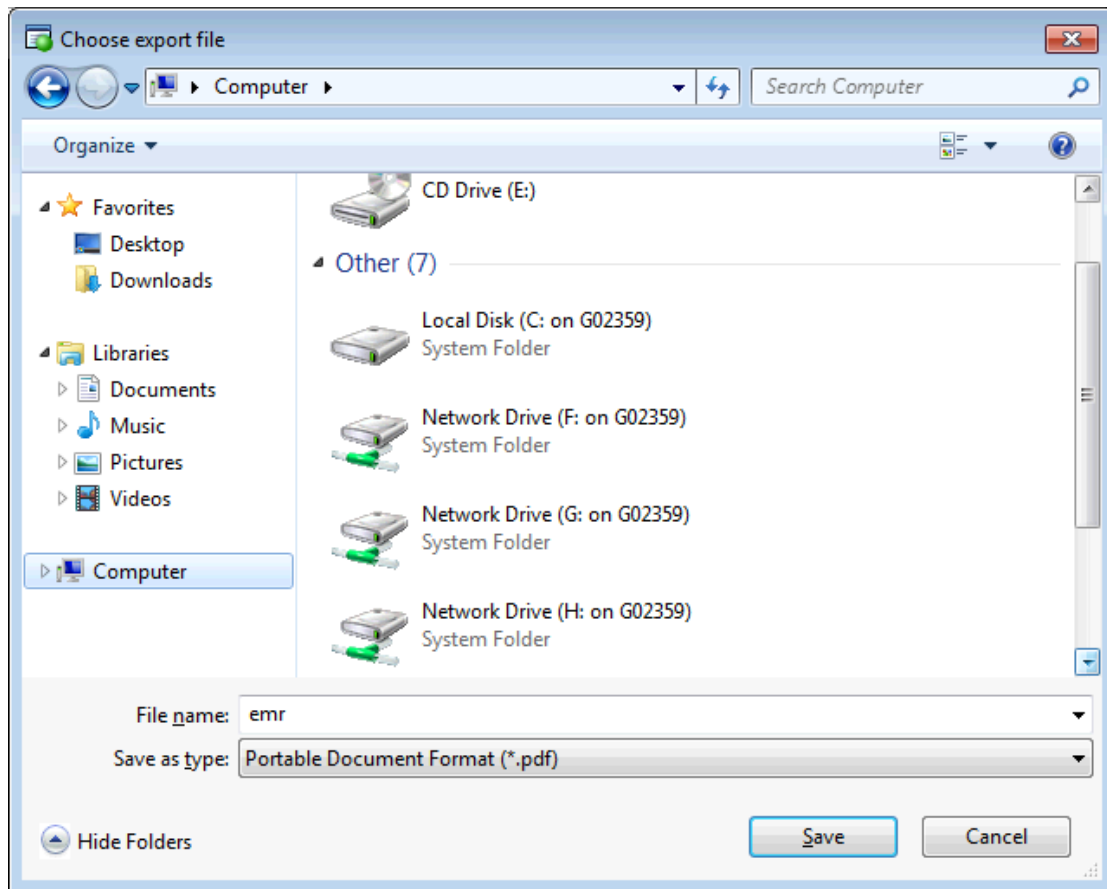
In the print preview window click “little envelope”  the following appears



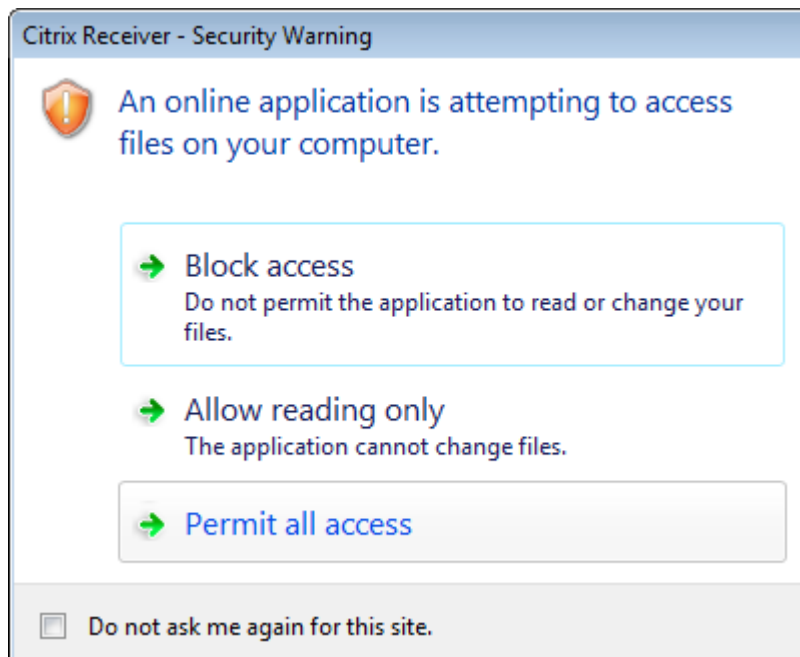
Click OK the following appears



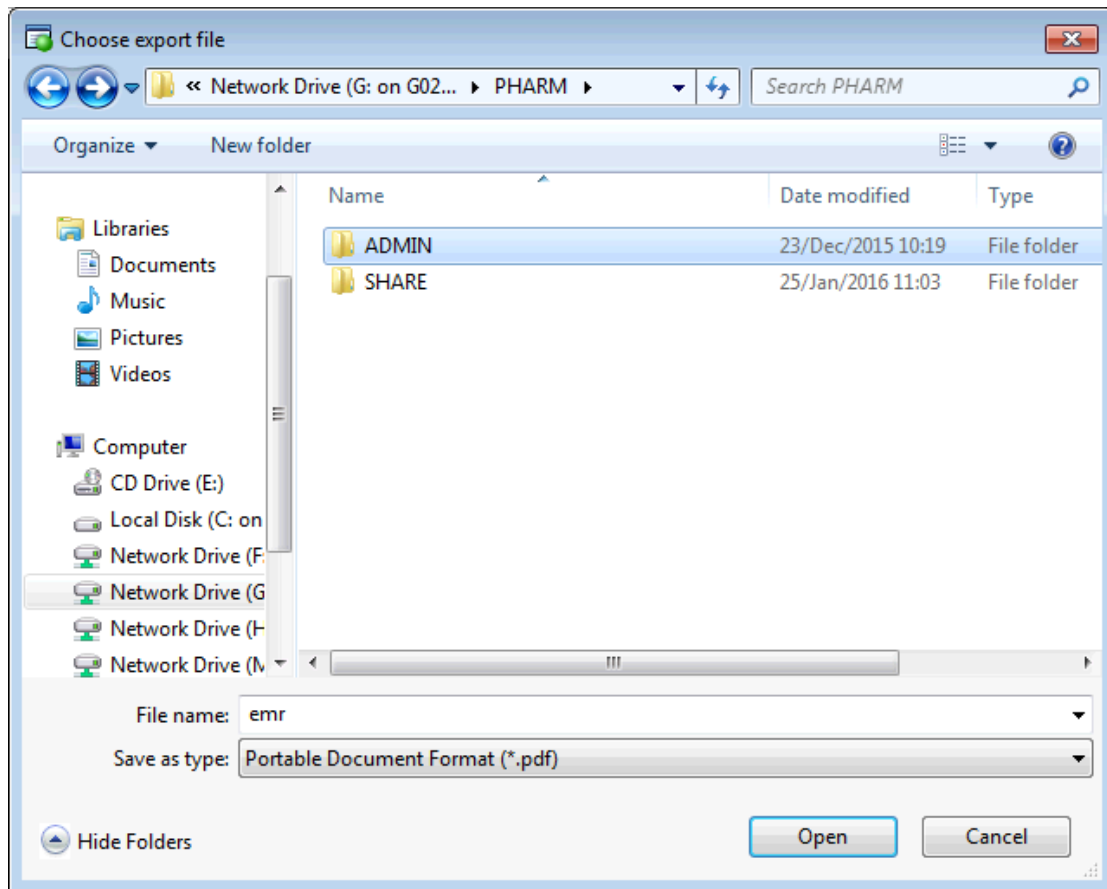
Select Computer – and then as follows



Select correct drive (I selected Client\G) and the following appears – Permit all access

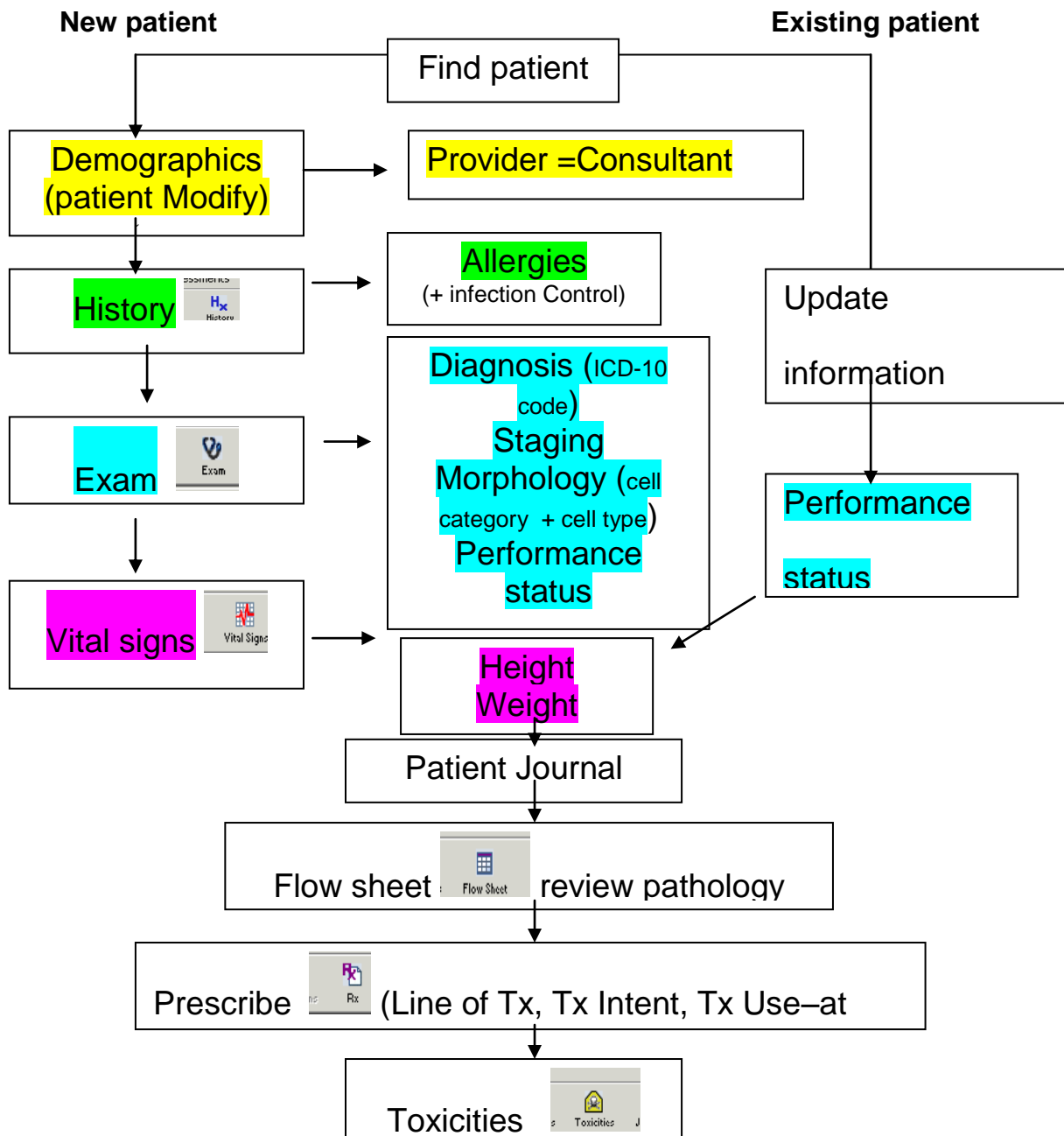


Then you will be able to save to your required folder



APPENDIX 6

Flow chart for prescribing



If you are going to delay or discontinue treatment for a patient please do this on Aria at the time of decision

SACT Data item number	SACT Data item name	SACT Data Dictionary Data Element
Demographics and Consultant		
1	NHS number	NHS NUMBER
2	Date of birth	PERSON BIRTH DATE
3	Gender - current	PERSON GENDER CODE CURRENT
4	Ethnicity	ETHNIC CATEGORY
5	Patient postcode	POSTCODE OF USUAL ADDRESS
6	Registered GP practice code	GENERAL MEDICAL PRACTICE CODE (PATIENT REGISTRATION)
7	Consultant GMC code	CONSULTANT CODE (INITIATED SYSTEMIC ANTI-CANCER THERAPY)
8	Consultant speciality code	CARE PROFESSIONAL MAIN SPECIALTY CODE
9	Organisation code of provider	ORGANISATION CODE (CODE OF PROVIDER)
Clinical Status		
10	Primary diagnosis (ICD-10)	PRIMARY DIAGNOSIS (ICD AT START SYSTEMIC ANTI-CANCER THERAPY)
11	Morphology	MORPHOLOGY (ICD-O AT START SYSTEMIC ANTI-CANCER THERAPY)
12	Stage of disease	TNM CATEGORY (FINAL PRETREATMENT)
Programme and Regimen		
13	Programme number	SYSTEMIC ANTI-CANCER THERAPY PROGRAMME NUMBER
14	Regimen number	ANTI-CANCER REGIMEN NUMBER
15	Intent of treatment	DRUG TREATMENT INTENT
16	Regimen	DRUG REGIMEN ACRONYM
17	Height at start of regimen	PERSON HEIGHT IN METRES
18	Weight at start of regimen	PERSON WEIGHT

19	Performance status at start of regimen	PERFORMANCE STATUS FOR (ADULT) <i>or</i> PERFORMANCE STATUS CODE (YOUNG PERSON)
20	Co-morbidity adjustment	CO-MORBIDITY ADJUSTMENT INDICATOR
21	Date decision to treat	DECISION TO TREAT DATE (ANTI-CANCER DRUG REGIMEN)
22	Start date of regimen	START DATE ANTI- CANCER DRUG REGIMEN
23	Clinical trial	CLINICAL TRIAL INDICATOR
24	Chemo-radiation	CHEMO-RADIATION INDICATOR
25	Number of cycles planned	NUMBER OF SYSTEMIC ANTI-CANCER THERAPY CYCLES PLANNED

Cycle

26	Cycle number	ANTI-CANCER DRUG CYCLE IDENTIFIER
27	Start date of cycle	START DATE (SYSTEMIC ANTI-CANCER DRUG CYCLE)
28	Weight at start of cycle	PERSON WEIGHT
29	Performance status at start of cycle	PERFORMANCE STATUS FOR (ADULT) <i>or</i> PERFORMANCE STATUS CODE (YOUNG PERSON)
30	OPCS procurement code	PRIMARY PROCEDURE (OPCS)

Drug Details

31	Drug name	SYSTEMIC ANTI-CANCER DRUG NAME
32	Actual dose per administration	CHEMOTHERAPY ACTUAL DOSE
33	Administration route	SYSTEMIC ANTI-CANCER THERAPY DRUG ROUTE OF ADMINISTRATION
34	Administration date	SYSTEMIC ANTI-CANCER THERAPY ADMINISTRATION DATE
35	Organisation code of provider	ORGANISATION CODE (CODE OF PROVIDER)
36	OPCS delivery code	PRIMARY PROCEDURE (OPCS)

Outcome

37	Date of final treatment	START DATE (FINAL SYSTEMIC ANTI-CANCER THERAPY)
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38	Regimen modification - dose reduction	SYSTEMIC ANTI-CANCER THERAPY REGIMEN MODIFICATION INDICATOR (DOSE REDUCTION)
39	Regimen modification - time delay	SYSTEMIC ANTI-CANCER THERAPY REGIMEN MODIFICATION INDICATOR (TIME DELAY)
40	Regimen modification - stopped early	SYSTEMIC ANTI-CANCER THERAPY REGIMEN MODIFICATION INDICATOR (DAYS REDUCED)
41	Regimen outcome summary	PLANNED TREATMENT CHANGE REASON
42	Date of death	PERSON DEATH DATE

Varian have produced two reports for the SACT data;

SACT – Public Health Data – Patient Drug Administration Details – 2015

SACT – Public Health Data – Patient Drug Dispensed Details - 2015