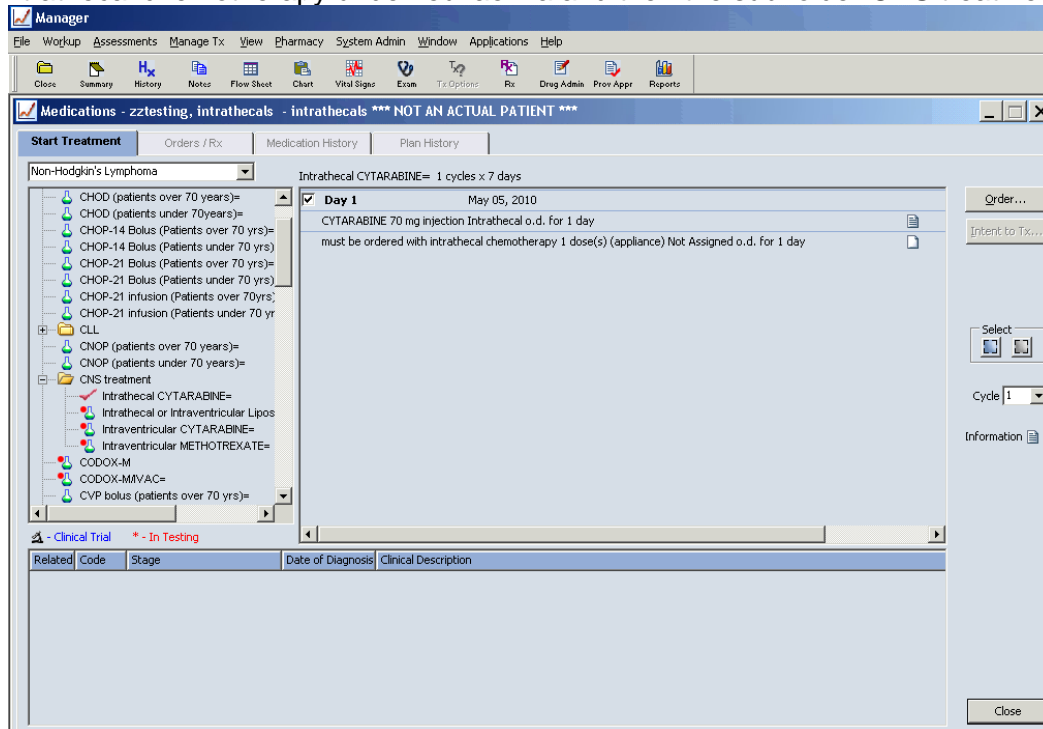


Intrathecal chemotherapy on Aria

To prescribe intrathecal chemotherapy on Aria you must be on your Trust's intrathecal register as an authorised prescriber.

If the patient isn't on any other chemotherapy regimen then prescribe intrathecal chemotherapy as usual under treatment tab- see screen shot

You will find intrathecal chemotherapy under leukaemia and then the sub folder CNS treatment.



If the patient requires intravenous chemotherapy plus intrathecal chemotherapy eg R-CHOP + intrathecal methotrexate, prescribe the IV chemo, and before approving the IV regimen add in the appropriate support intrathecal chemotherapy regimen, this can be found in the intrathecals folder in support regimens – see screen shot

The support intrathecals can be found in the support folders under the intrathecals folder.

The agent '*must be prescribed with intrathecal chemotherapy*' must be prescribed to allow the pharmacist to pharmacy approve the intrathecal prescription; please do NOT remove this line from the prescription. See screen shot

Once the prescription has been prescribed and approved by the prescriber the pharmacist can pharmacy approve the prescription as per normal procedure.

Once reviewed and pharmacy approved the pharmacist should then print off the intrathecal prescription in the following way- see screen shots

Manager

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

Review Prescription Details - zztesting, intrathecal - intrathecal * NOT AN ACTUAL PATIENT *****

Order / Rx Medications Cum. Dose Alerts Allergies/Adverse Reactions R-CHOP bolus (Patients under 70yrs)=

Ordered by VMS, MD on May 05, 2010 at 10:02 Completed

Order ID 105200001 Start on 05/MAY/2010 APPROVED on May 05, 2010 at 10:11

Internal

Administration Start Date May 05, 2010 R-CHOP bolus (Patients under 70yrs)= - Cycle 1 Day 1

- SODIUM CHLORIDE** 500 ml (of 0.9 %) infusion Intravenous once
Plan - Opt 100 % Admin Instructions Dose Mod. Reason
- PREDNISOLONE** 70 mg (at 40 mg/m2) (of 5 mg) tablet Oral once
Plan - Opt 100 % Admin Instructions Dose Mod. Reason
- PARACETAMOL** 1,000 mg (of 500 mg) tablet Oral once
Plan - Opt 100 % Admin Instructions Dose Mod. Reason
- CHLORPHENAMINE** 10 mg injection Intravenous once bolus
Plan - Opt 100 % Admin Instructions Dose Mod. Reason
- RITUXIMAB** 600 mg (at 375 mg/m2) preservative free infusion Intravenous once in sodium chloride 0.9% w/v 500 ml (1)
Plan - Opt 100 % Admin Instructions Dose Mod. Reason
- DOXORUBICIN** 85 mg (at 50 mg/m2) injection Intravenous once bolus
Plan - Opt 100 % Admin Instructions Dose Mod. Reason

* Additional administration instructions have been entered

Print... Print Label OK Cancel

On this screen press print on the bottom left of the screen

The following will appear on the screen

Manager

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

Review Prescription Details - zztesting, intrathecal

Order / Rx Medications Cum. Dose Alerts Allergies/Adverse Reactions R-CHOP bolus (Patients under 70yrs)=

Ordered by VMS, MD on May 05, 2010 at 10:02 Completed

Order ID 105200001 Start on 05/MAY/2010 APPROVED on May 05, 2010 at 10:11

Internal

Administration Start Date May 05, 2010 R-CHOP bolus (Patients under 70yrs)= - Cycle 1 Day 1

- SODIUM CHLORIDE** 500 ml (of 0.9 %) infusion Intravenous once
Plan - Opt 100 % Admin Instructions Dose Mod. Reason
- PREDNISOLONE** 70 mg (at 40 mg/m2) (of 5 mg) tablet Oral once
Plan - Opt 100 % Admin Instructions Dose Mod. Reason
- PARACETAMOL** 1,000 mg (of 500 mg) tablet Oral once
Plan - Opt 100 % Admin Instructions Dose Mod. Reason
- CHLORPHENAMINE** 10 mg injection Intravenous once bolus
Plan - Opt 100 % Admin Instructions Dose Mod. Reason
- RITUXIMAB** 600 mg (at 375 mg/m2) preservative free infusion Intravenous once in sodium chloride 0.9% w/v 500 ml (1)
Plan - Opt 100 % Admin Instructions Dose Mod. Reason
- DOXORUBICIN** 85 mg (at 50 mg/m2) injection Intravenous once bolus
Plan - Opt 100 % Admin Instructions Dose Mod. Reason

* Additional administration instructions have been entered

Print... Print Label OK Cancel

Rx Choices

Prescription Types # Prints

☐ Internal

☒ Pickup - External

☐ Pickup - Internal

☐ Print Selected Drugs Only

☐ Print UPIN and DEA Numbers

☐ Print UPIN Number

☐ Print DEA Number

☐ None

☒ Print Administration Instructions

☐ Print One Drug Per Page

OK Cancel

Only tick the pickup external option and then click ok

The prescription along with the intrathecal sign off sheet should print to the default printer.

The printed prescription should be stored in the pharmacy ready for collection with the injection.

INTRATHECAL CHEMOTHERAPY ON ARIA March 2017 (2) barkwitha Page 3 of 8

Version Number 3.0 Date REVIEWED March 2017 Review Date March 2019

Always check <http://tvscn.nhs.uk/networks/cancer/cancer-topics/chemotherapy/> to ensure most recent version is being used

The Doctor who is going to administer the intrathecal injection will collect the injection and the printed prescription (which also contains the sign off sheet).

The Doctor must be on the register of authorised people for administration of intrathecal chemotherapy.

Before issuing the prescription the pharmacist must see written proof that any Intravenous chemotherapy the patient is due has been administered. This will either be by looking on the Aria system and see that the administration has been recorded electronically, or the Doctor will bring the paper prescription that has the nurses' signature of record of administration. If there isn't any intravenous chemotherapy due this can be seen on Aria also by the registered issuer.

The administration can be checked on Aria by clicking the drug admin tab.

Manager

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

Drug Administration - zzblesing, claire - 98765529954 *** NOT AN ACTUAL PATIENT ***

Daily Administration Ad Hoc Administration Standing Orders Administration Hx Medication Hx Allergies/Adv. Reactions

Admin. Date
Apr 22, 2010
Mar 11, 2010

Agent	Dose - Admin. Date / Time	Status	Admin Instr	Recording Info
There are no dose recordings for the selected date(s).				

Dose Recordings
General Orders
Documentation

Show
☐ All but Errored
☒ Pending

* Additional administration instructions have been entered

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

Drug Administration Barkwith, Andrea TVCN May 27, 2010 11:56

Select the admin history tab

The screenshot shows the 'Manager' software interface. The main window is titled 'Drug Administration - zztest, barkwith - test1290 *** NOT AN ACTUAL PATIENT *** *** CLINICAL TRIAL PATIENT ***'. The 'Administration Hx' tab is selected. The interface displays a table of administered medications. The table has columns for 'Agent', 'Dose - Admin. Date / Time', 'Status', 'Admin Instr', and 'Recording Info'. The table shows two administrations of Sodium Chloride 500 ml (of 0.9 %) infusion Intravenous o.d. for 1 day. The first administration is marked as 'Not Given' and the second as 'APPROVED'. The table also shows two administrations of Gemcitabine 2,000 mg (at 1,000 mg/m2) infusion Intravenous o.d. over 30 minutes for 1 day in sodium chloride 0.9% w/v 250 ml (1). The first administration is marked as 'Not Given' and the second as 'APPROVED'. The interface includes a menu on the left for selecting dates and a list of active medications on the right.

Agent	Dose - Admin. Date / Time	Status	Admin Instr	Recording Info
SODIUM CHLORIDE 500 ml (of 0.9 %) infusion Intravenous o.d. for 1 day	1 - 0 ml Not Given Order #: 105200307 D/C May 27, 2010 00:00 Cycle 1 Day 15	Not Given		Co-Sign: Recorded:
GEMCITABINE 2,000 mg (at 1,000 mg/m2) infusion Intravenous o.d. over 30 minutes for 1 day in sodium chloride 0.9% w/v 250 ml (1)	1 - 0 mg Not Given Order #: 105200307 D/C May 27, 2010 00:00 Cycle 1 Day 15	Not Given		Co-Sign: Recorded:
SODIUM CHLORIDE 500 ml (of 0.9 %) infusion Intravenous o.d. for 1 day	1 - 500 ml May 27, 2010 11:00 - 11:15 Order #: 105200323 APPROVED Cycle 1 Day 1	APPROVED		Co-Sign: Recorded: Andrea Barkwith, B.Sc.F
GEMCITABINE 2,000 mg (at 1,000 mg/m2) infusion Intravenous o.d. over 30 minutes for 1 day in sodium chloride 0.9% w/v 250 ml (1)	1 - 2,000 mg May 27, 2010 11:15 - 12:00 Order #: 105200323 APPROVED Cycle 1 Day 1	APPROVED		Co-Sign: Recorded: Andrea Barkwith, B.Sc.F

You will see what has been administered or waiting to be administered for the day selected on the right hand side

Details on how to record administration on Aria can be found in the Aria user Guide for Nurses- also see below.

The sign off sheet should be completed and filed in the patients notes and the administration of the intrathecal chemotherapy recorded electronically on Aria- see below

Recording administration of Intrathecal injections

In drug administration, choose other administration tab

The screenshot shows the 'Manager' software interface. The 'Drug Administration' window is open, displaying the 'Other Administration' tab. The patient information at the top indicates 'Sex: Female' and 'DoB: Jun 30, 1960'. The 'Ad Hoc Administration' section shows a table with columns: Agent, Admin Instr, Admin Start Date, Quantity, and Date of Last Dose. The agent listed is 'METHOTREXATE 12.5 mg injection Intrathecal o.d. for 1 day (Pickup - External)'. The 'Admin Instr' column contains the text 'must be ordered with intrathecal chemotherapy 1 dose(s) (appliance) Not Assigned o.d. for 1 day (Pickup - Internal)'. The 'Admin Start Date' is 'Sep 08, 2011'. The 'Quantity' is '1' and the 'Date of Last Dose' is 'Sep 08, 2011'. The 'Agent Level Recording' section is empty, displaying the message 'No agents exist for which agent level dose recordings can be created.' The 'Date Range' is set from '12/MAR/2011' to '08/SEP/2011', with 'All Dates' selected. The 'Show' options are 'All' and 'Pending'. The 'Refresh' button is visible. The 'Close' button is at the bottom right.

Change the recorded as per option to clinic/hospital, then click record

The screenshot shows the 'Manager' software interface with the 'Dose Recording' window open. The patient information at the top indicates 'DoB: Jun 30, 1960'. The 'METHOTREXATE' section shows '12.5 mg injection Intrathecal o.d. for 1 day' and 'Order # 105200005 Tx Optional'. The 'Dose Seq.' table has columns: Dose Seq., Admin. Date/Time, # Doses, Amt. Received, Duration, and Detailed Recording. The first row shows 'Dose 1 of 1' with 'Expected' date '08/SEP/2011' at '00:00', '# Doses' '1', 'Amt. Received' '12.5 mg', and 'Duration' '00:00'. The 'Detailed Recording' column has a red 'X' icon. The 'PENDING' status is shown. The 'Recorded As Per' section has radio buttons for 'Clinic / Hospital', 'Patient', and 'Agency'. The 'Patient' option is selected. The 'Ad Hoc Recordings' section has 'Add' and 'Remove' buttons. The 'Adverse Reaction' section has an 'Add' button. The 'Date Range' is set from '12/MAR/2011' to '08/SEP/2011', with 'All Dates' selected. The 'Show' options are 'All' and 'Pending'. The 'Refresh' button is visible. The 'Close' button is at the bottom right. The 'Approve', 'OK', and 'Cancel' buttons are at the bottom.

Then click on the note pad

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

Dose Recording - xxxzztesting it, it - it-script * NOT AN ACTUAL PATIENT *****

METHOTREXATE Order # 105200005 Tx Optional

12.5 mg injection Intrathecal o.d. For 1 day

Dose Seq	Admin. Date/Time	# Doses	Amt. Received	Duration
Dose 1 of 1	Expected 08/SEP/2011 00:00	1	Detailed Recording	
PENDING	Actual 08/SEP/2011 00:00	1	12.5 mg	
	End 08/SEP/2011 00:00		Not Given	

Recorded As Per
☐ Clinic / Hospital
☒ Patient
☐ Agency

Ad Hoc Recordings
 Add
 Remove

Adverse Reaction
 Add

Record...
 Stop Recording...
 Record...
 Error...
 View...
 Show
☐ All
☒ Pending
 Date Range
 12/MAR/2011
 08/SEP/2011
☒ All Dates
 Refresh

Additional administration instructions have been entered
 Co-Signed by

Approve OK Cancel

Type in the Dr that administered the injection

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

Dose Recording - xxxzztesting it, it - it-script * NOT AN ACTUAL PATIENT *****

METHOTREXATE Order # 105200005 Tx Optional

12.5 mg injection Intrathecal o.d. For 1 day

Dose Seq.
 Dose 1 of 1
 Expected 08/SEP/2011 00:00
 Actual 08/SEP/2011 00:00
 PENDING

Administration Note

OK Cancel

Recorded As Per
☐ Clinic / Hospital
☒ Patient
☐ Agency

Ad Hoc Recordings
 Add
 Remove

Adverse Reaction
 Add

Record...
 Stop Recording...
 Record...
 Error...
 View...
 Show
☐ All
☒ Pending
 Date Range
 12/MAR/2011
 08/SEP/2011
☒ All Dates
 Refresh

Additional administration instructions have been entered
 Co-Signed by

Approve OK Cancel

Click ok on that small window and then approve on the larger window

To retrieve / see the information that has been entered, go to the administration history tab and click on the yellow Hx box.

The screenshot shows the 'Manager' application window with the 'Drug Administration' tab selected. The patient information at the top indicates 'Sex: Female' and 'DoB: Jun 30, 1960'. The 'Administration Hx' tab is active, displaying a table of medication administration history. The table has columns for 'Agent', 'Dose', 'Admin. Date / Time', 'Status', 'Admin Instr', and 'Recording Info'. A single entry is visible for 'METHOTREXATE 12.5 mg injection Intrathecal o.d. for 1 day' with a status of 'APPROVED' and an order number of '105200005'. A red circle highlights a yellow 'Hx' box in the 'Admin Instr' column. The 'Recording Info' column shows '100%' and 'Recorded: Andrea Barkwith, B.Sc.Pharm'. The 'Agent' column shows 'METHOTREXATE' and a note 'must be ordered with...'. The 'Admin. Date' column shows 'Sep 08, 2011'. The 'View by' dropdown is set to 'All but errored'. The 'Pending Doses' section is empty. The 'Close' button is visible at the bottom right.

Agent	Dose	Admin. Date / Time	Status	Admin Instr	Recording Info
METHOTREXATE 12.5 mg injection Intrathecal o.d. for 1 day	12.5 mg	Sep 08, 2011 00:00	APPROVED	Order # 105200005	100% Recorded: Andrea Barkwith, B.Sc.Pharm

You will then see the note that has been entered.