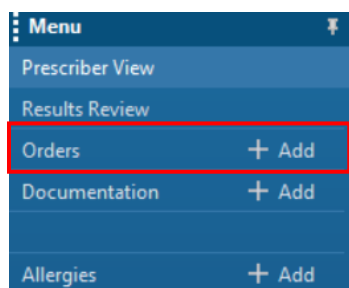


Entering the Hemodialysis Powerplan

Entering the Hemodialysis Powerplan

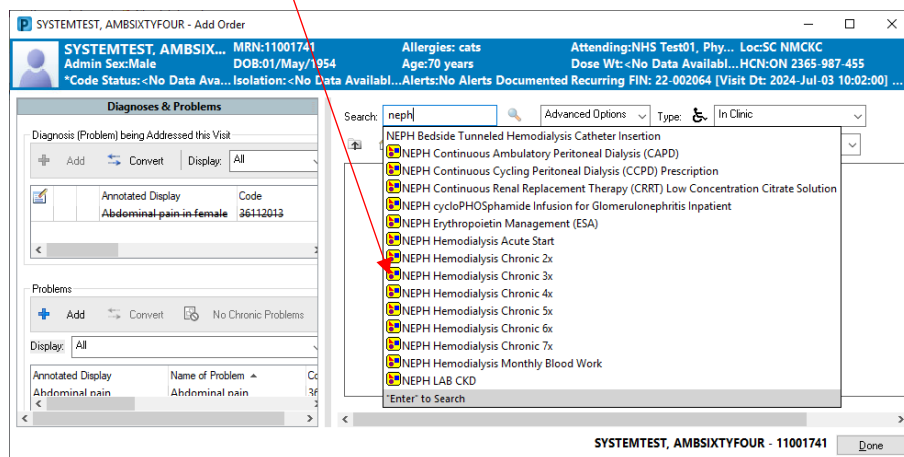
Navigate to the Table of Contents (Blue Menu) and select  next to orders.



The Add Order dialogue box displays. In the search bar type **NEPH Hemodialysis** (note many of the orders and order sets are going to be prefaced with 'NEPH') and select the appropriate Powerplan (Order Set) to view.

The Add Order dialogue box opens. Select the appropriate order. In this example we will select NEPH Hemodialysis Chronic 3x

Neph Hemodialysis Chronic 3x



The **Ordering Physician** Dialogue box displays. Enter the Physician name.

Communication Type, for cutover, we will select **'Written'** and click **'OK'**.

Ordering Physician

NEPH Hemodialysis Chronic 3x

***Physician name**
Ratnaparkhe, Sushil, FRCPC, BSc

***Order Date/Time**
16/Oct/2024 0943 EDT

***Communication type**

- Phone with Read Back (Cosign)
- Verbal with Read Back (Cosign)
- Written**
- Clinical Intervention
- Initiate Plan
- Downtime Back Entry
- Medical Directive
- IPAC Isolation Order

OK Cancel

You are presented with the **Add Plan** window. One cycle is 30 days.

SYSTEMTEST_AMBSIXTYFOUR - Add Plan

NEPH Hemodialysis Chronic 3x

Enter Cycle
1

Select Visit and Start Time

This Visit
 Future Inpatient Visit
 Future Outpatient Visit

Estimated Start Date of Hemodialysis Treatment (Days 1, 3, 5, 8, 10, 12, 15, 17, 19, 22, 24, 26)
 In Day(s)
 In Week(s)
 In Month(s)

Est. start: 20 Oct 2024 0800 EDT

Confirm Phase Action

Phase	Start Date/Time	Action
Hemodialysis Treatment (Days 1, 3, 5, 8, 10, 12, 15, 17, 19, 22, 24, 26)	*Est. 2024-Oct-20 08:00 EDT	Order for future visit
Scheduling	2024-Oct-20 08:00 EDT	Order now

SYSTEMTEST_AMBSIXTYFOUR - 11001741

OK Cancel

For **'Select Visit and start Time'** Select **Future Outpatient Visit**. Select **OK**.

You are then presented with the Powerplan.

Document Medication by Hx | Reconciliation * | Check Interactions

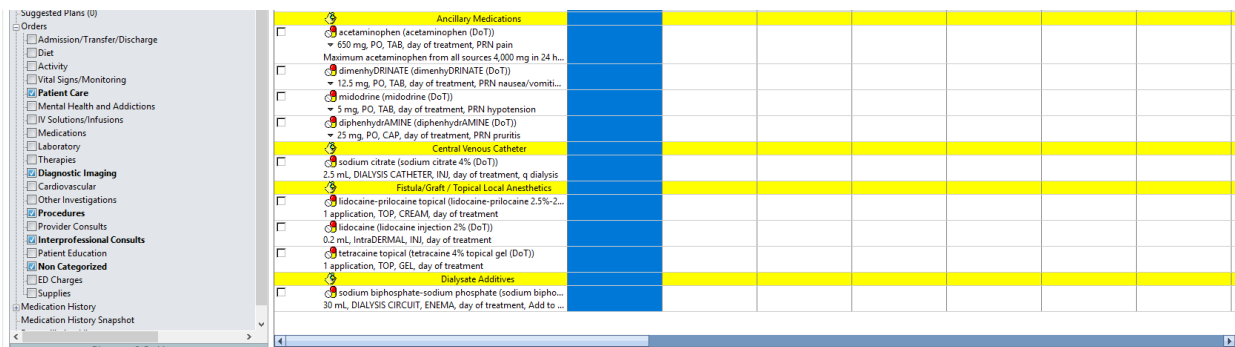
Reconciliation Status: Meds History Admission Discharge

Orders Medication List Document In Plan

Plans

NEPH Hemodialysis Chronic 3x - Cycle 1, Hemodialysis Treatment (Days 1, 3, 5, 8, 10, 12, 15, 17, 19, 22, 24, 26) (Future Pending) *Est. 2024-Oct-23 08:00 - 28 Days

Component	Days 1	Days 3	Days 5	Days 8	Days 10	Days 12	Days 15
Hemodialysis	Future Pending	Future Pending	Future Pending	Future Pending	Future Pending	Future Pending	Future Pending
Please note the order for hemodialysis below opens and has modifiable details including: frequency, fluid to remove, target weight, duration, dialysis procedure, dialysis process, dialyzer, bicarbonate, target sodium, dialysate, dialysate additives, etc.							
Hemodialysis	Planned	Planned	Planned	Planned	Planned	Planned	Planned
Vital Signs/Monitoring	Planned	Planned	Planned	Planned	Planned	Planned	Planned
Vital Signs	Planned	Planned	Planned	Planned	Planned	Planned	Planned
T,N, Weight, Temperature, Pulse, Respirations, Pre/Post T, N...	Planned	Planned	Planned	Planned	Planned	Planned	Planned
SpO2 Monitoring AMB	Planned	Planned	Planned	Planned	Planned	Planned	Planned
Oxygen Therapy AMB	Planned	Planned	Planned	Planned	Planned	Planned	Planned
SpO2 goal: 88-92%	Planned	Planned	Planned	Planned	Planned	Planned	Planned
Code Status (Goals of Care)	Planned						
KCP Goals of Care Event							
T,N							
Verify Consent	Planned						
KCP Foot Check	Planned						
T,N							
Remove Sutures							
t,n							
Remove Staples							
T,N							
CVC Dressing	Planned						
T,N							



Category	Item Name	Quantity	Frequency	Route	Start Date	End Date	Status
Ancillary Medications	acetaminophen (acetaminophen (DoT))	650 mg	PO, TAB, day of treatment, PRN pain	PO			
	Maximum acetaminophen from all sources 4,000 mg in 24 h...						
	dimenhydrinate (dimenhydrinate (DoT))	12.5 mg	PO, TAB, day of treatment, PRN nausea/vomiti...	PO			
	midodrine (midodrine (DoT))	5 mg	PO, TAB, day of treatment, PRN hypotension	PO			
	diphenhydramine (diphenhydramine (DoT))	25 mg	PO, CAP, day of treatment, PRN pruritis	PO			
Central Venous Catheter	sodium citrate (sodium citrate 4% (DoT))	2.5 mL	DIALYSIS CATHETER, INJ, day of treatment, q dialysis	INJ			
	Fistula/Graft / Topical Local Anesthetics						
Fistula/Graft / Topical Local Anesthetics	lidocaine-prilocaine topical (lidocaine-prilocaine 2.5%-2...	1	application, TOP, CREAM, day of treatment	TOP			
	lidocaine (lidocaine injection 2% (DoT))	0.2 mL	IntraDERMAL, INJ, day of treatment	INJ			
	tetracaine topical (tetracaine 4% topical gel (DoT))	1	application, TOP, GEL, day of treatment	TOP			
	Dialysate Additives						
Dialysate Additives	sodium biphosphate-sodium phosphate (sodium biph...	30 mL	DIALYSIS CIRCUIT, ENEMA, day of treatment, Add to ...	ENEMA			

There are some orderable items that are pre-selected and incorporated in this 'Day of Treatment' plan.

You will need to go through each of the items to determine which orders are applicable to that patient. For example, if the patient does not have an oxygen order in Clinical Vision, then deselect the Oxygen Therapy Order.

Vital Signs/Monitoring

- Vital Signs
- SpO2 Monitoring AMB
- Oxygen Therapy AMB

Patient Care

- Code Status
- KCP Goals of Care Event – can be addressed post Go Live
- Verify Consent
- KCP Foot Check
- Remove Sutures
- Remove Staples
- CVC Dressing

Ancillary Medications

- Acetaminophen
- dimenhydrinate
- midodrine
- diphenhydramine



TIP SHEET

HOSPITAL INFORMATION SYSTEM (HIS)

Central Venous Catheter

- sodium citrate

Fistula/Graft/ Topical Local Anesthetics

- lidocaine-prilocaine topical cream (Do T)
- lidocaine (lidocaine injection 2% (Do T)
- tetracaine topical (tetracaine 4% topical gel (Do T)

Dialysate Additives

- Sodium biphosphate-sodium phosphate

After the appropriate items have been selected/deselected and no additional items need to be ordered, click on **Orders For Signature** at the bottom right corner. If there are additional orders on the patient chart to be entered, add those items to the Powerplan at this time.

Adding Additional items (Future Lab Orders) to the Hemodialysis Powerplan

Patient has a weekly CBC ordered.

Select **Add to Phase** and from the dropdown, select 'Add Order...'

The screenshot shows the 'Add to Phase' dropdown menu with the following options:

- Add Order...
- Add Outcome / Intervention...
- Add Day of Treatment ...

The main interface displays a table for 'NEPH Hemodialysis Chronic 3x - Cycle 1, Hemodialysis Treatment (Days 1, 3, 5, 8, 10, 12, 15, 17, 19, 22, 24, 26) (Planned Pending) *Est. 2024-Oct-18 08:00 - 28 Days'. The table has columns for Days 1, Days 3, and Days 5. The 'Component' column lists various items, including 'Remove Staples', 'CVC Dressing', and a section for 'Ancillary Medications' which includes acetaminophen, dimenhydrinate, midodrine, and diphenhydramine.

The **Add Order** window displays

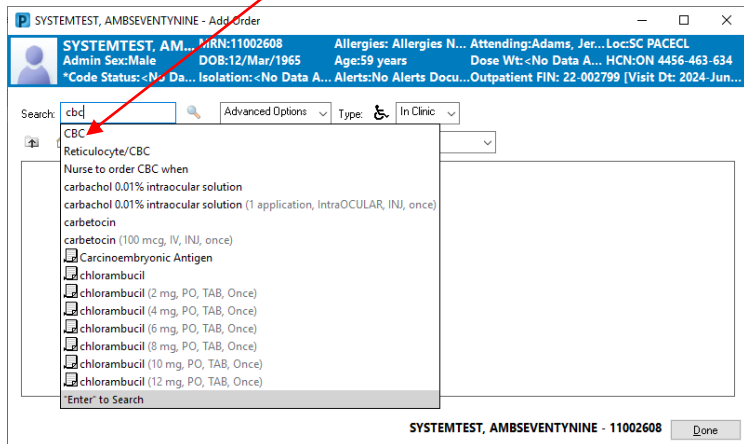
In the **Search** field enter cbc. A list of options displays from which to choose.



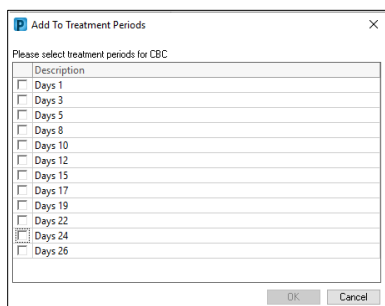
TIP SHEET

HOSPITAL INFORMATION SYSTEM (HIS)

Select the first option **CBC**

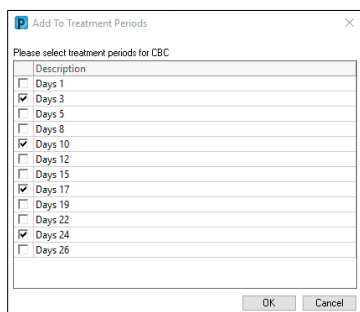


The **Add to Treatment Periods** dialogue box displays.



You are presented with the option of what days within the treatment period the CBC is to be done.

For example, for a Mon, Wed, Fri patient, their Day 1 is going to be Monday and the CBC is to be done every Wednesday. Select Days 3, 10, 17, 24.

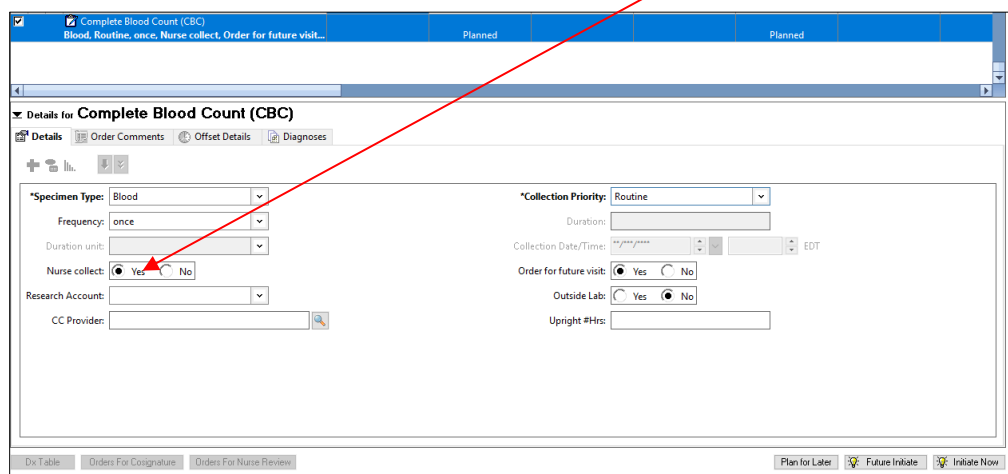


Minimize the Add Orders dialogue box.

In the Details for the **Complete Blood Count (CBC)**

Enter the **Collection Priority** - Routine

****Note – it is important that you change Nurse Collect to YES. If not the requisition and labels will print in the lab.**



The screenshot shows the 'Details for Complete Blood Count (CBC)' window. The 'Nurse collect' field is set to 'Yes' (radio button selected). Other fields include 'Specimen Type: Blood', 'Frequency: once', 'Collection Priority: Routine', and 'Order for future visit: Yes'.

If you need to add any additional orders, you can add them at this time.

Adding Medications Orders to Powerplans

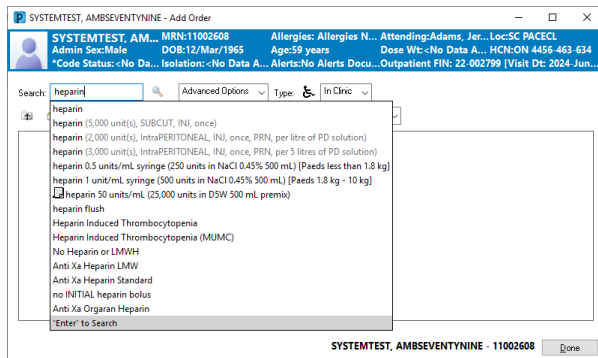
To add a medication order, follow the same steps by searching for the medication in the **Add Order** dialogue box.

For example, add Heparin to the patient's phase. Select **Add to Phase/Add Order**.

The **Add Order** window displays

In the **Search** field enter Heparin. It will pull up suggestions with order sentences already built out, or you can select the medication name only and populate your own order sentence.

Select the first option **heparin**



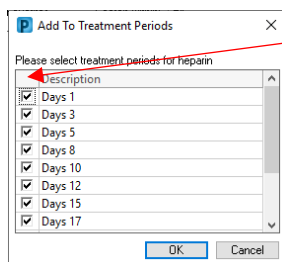
Once you select the desired medication/order sentence combination, a window will populate asking what day of treatment you wish to add the medication to.

The **Add to Treatment Periods** dialogue box displays.

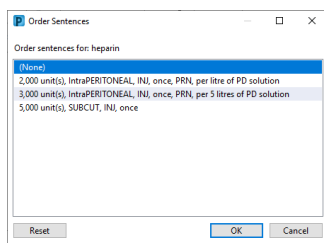
Select the Days, the Heparin is to be given during the Period.

In this example, the patient is ordered heparin to be given for every dialysis treatment.

In addition to selecting each day, if you click in the square to the left of where it says 'Description', you can select all days at the same time.

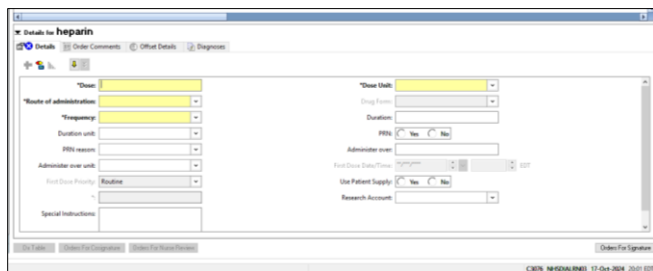


Click OK and you are then presented with the **Order Sentences** window.

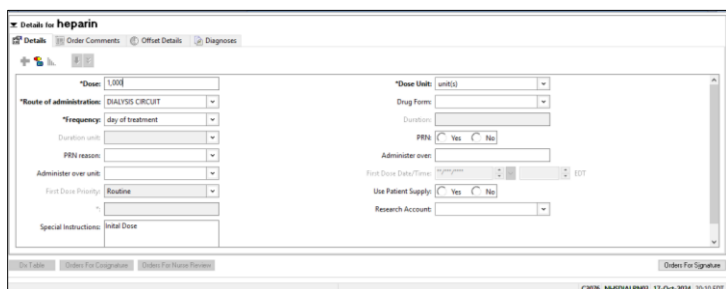


None of the order sentences in this example are applicable, select '**None**', then click **OK**.

The **Details for heparin** window displays. Note the required fields are highlighted.

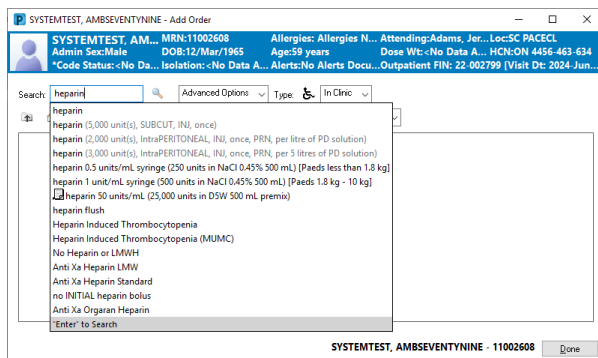


Enter the **Dose, Dose Unit, Route of administration** and **Frequency**. Since this is the initial, dose, in the **Special Instructions** box, enter 'Initial Dose' or any additional information.

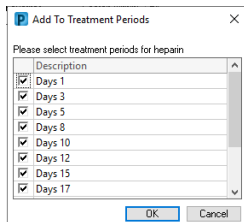


In this example, this addresses only the initial bolus of Heparin. An additional order of Heparin needs to be added.

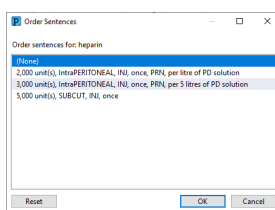
Search for Heparin in the **Add Order** window. Select the first option of heparin.



Double click the box to the left of the Description field to select all Days in the Treatment Period.

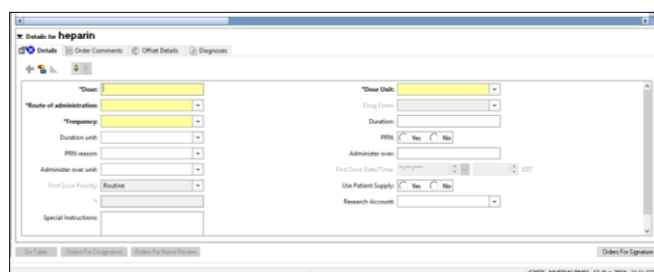


Click OK and the **Order Sentences** window displays.

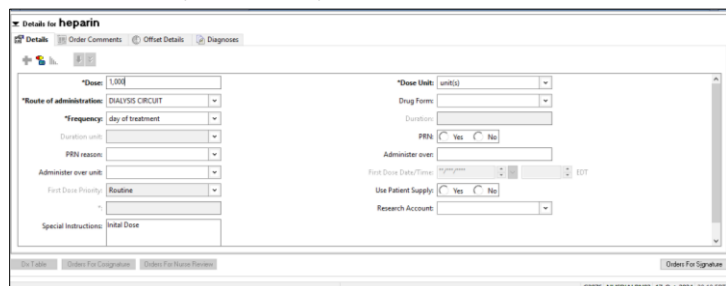


Because none of the sentences are applicable, select '**None**', then select **OK**.

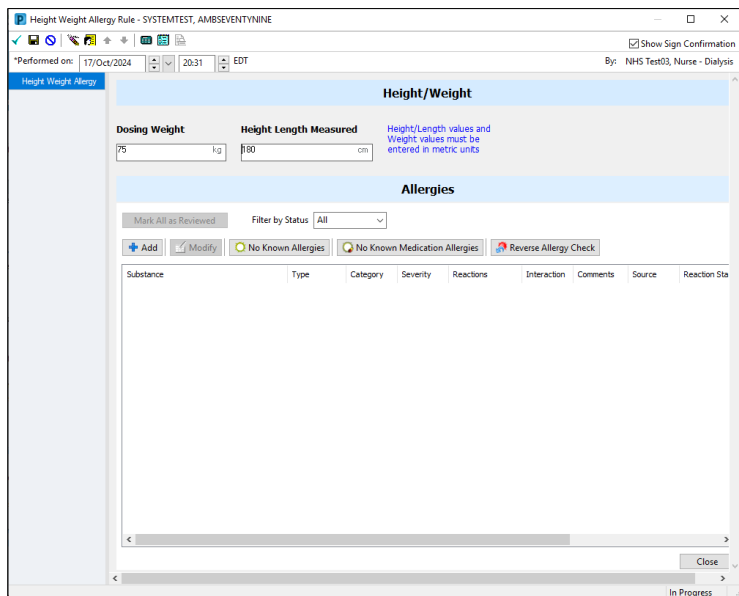
The Details for the heparin order displays. The required fields are highlighted.



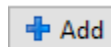
Enter the **Dose**, **Dose Unit**, **Route of administration** and **Frequency**.



If you are finished, select '**Orders for Signature**'.



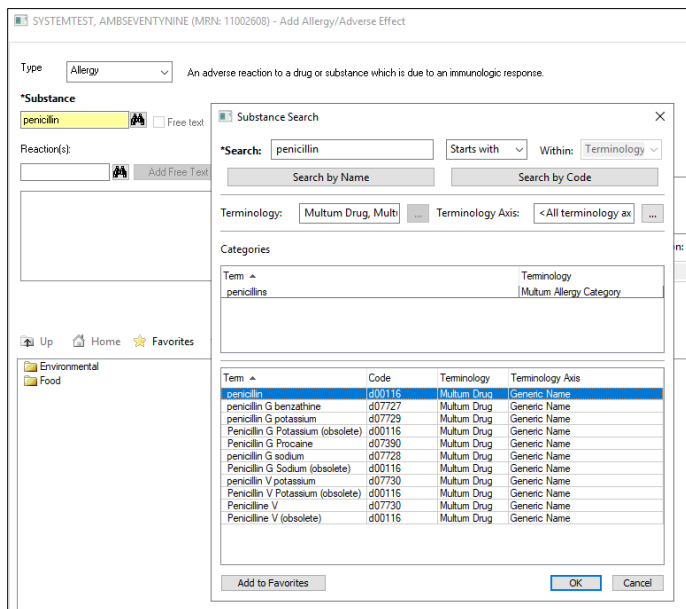
In the **Allergies** section, add the patient's allergies by selecting the Add Button.



The **Add Allergy/Adverse Effect** dialogue box displays. Note the required fields are highlighted.

From the Allergy Type, you can select an **'Allergy'**, **'Intolerance'** or **'Side Effect'**

Enter the **Substance** then click the binoculars icon initializing the search. If the substance is found, select the specific substance from the Multum Drug Terminology list and click **ok**



SYSTEMTEST, AMBSEVENTYNINE (MRN: 11002608) - Add Allergy/Adverse Effect

Type: Allergy An adverse reaction to a drug or substance which is due to an immunologic response.

*Substance: penicillin

Reaction(s):

Substance Search

*Search: penicillin Starts with: Within: Terminology

Search by Name Search by Code

Terminology: Multum Drug, Multi Terminology Axis: <All terminology ax>

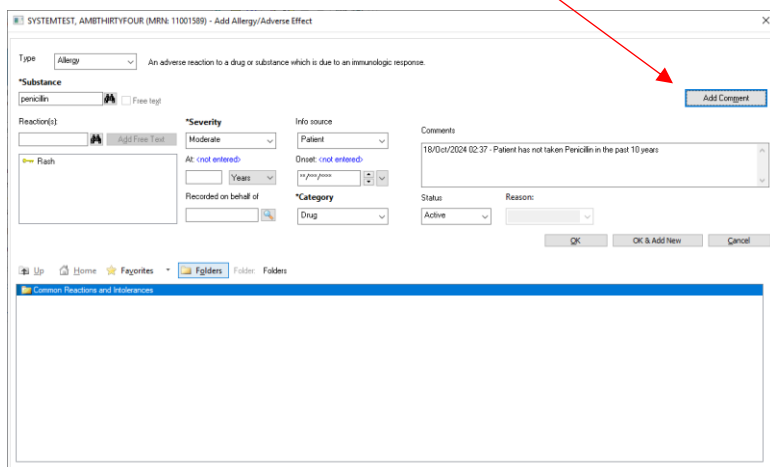
Categories

Term	Code	Terminology	Terminology Axis
penicillin	d00116	Multum Drug	Generic Name
penicillin G benzathine	d07727	Multum Drug	Generic Name
penicillin G potassium	d07729	Multum Drug	Generic Name
Penicillin G Potassium (obsolete)	d00116	Multum Drug	Generic Name
Penicillin G Procaine	d07390	Multum Drug	Generic Name
penicillin G sodium	d07728	Multum Drug	Generic Name
Penicillin G Sodium (obsolete)	d00116	Multum Drug	Generic Name
penicillin V potassium	d07730	Multum Drug	Generic Name
Penicillin V Potassium (obsolete)	d00116	Multum Drug	Generic Name
Penicilline V	d07730	Multum Drug	Generic Name
Penicilline V (obsolete)	d00116	Multum Drug	Generic Name

Add to Favorites OK Cancel

Once the Substance has been selected, Enter, (if known) the **Reaction(s)**, **Severity**, **Info Source** and the required field **Category** (Drug, Food, Environment, Other).

Comments can be added by selecting the **Add Comment** button.



SYSTEMTEST, AMBTHIRTYFOUR (MRN: 11001589) - Add Allergy/Adverse Effect

Type: Allergy An adverse reaction to a drug or substance which is due to an immunologic response.

*Substance: penicillin

Reaction(s): Rash

*Severity: Moderate

Info source: Patient

Comments: 18/Oct/2024 02:37 - Patient has not taken Penicillin in the past 10 years

Recorded on behalf of: *Category: Drug Status: Active Reason:

Add Comment OK OK & Add New Cancel

Once you have completed adding allergies/adverse effects, click **OK**

You are returned to the **Height Weight Allergy Rule** dialogue box.



TIP SHEET

HOSPITAL INFORMATION SYSTEM (HIS)

Review the information you have entered and if OK, click on the **Mark All as Reviewed** and then sign the form by click on the sign icon in the top left corner of the dialogue box.

At any time if any additional Allergies/Adverse Effects need to be added, navigate to the Table of Contents (dark blue menu) and select **Allergies**.