

Aminoglycoside administration using the MAW

Medication Management

Quick reference guide

Medication administration should occur using the **MAW (Medication Administration Wizard)**. This will include scanning of the patient's wristband to augment the positive patient ID (PPID) process.

1. In the medication room, review the **MAR** (remember to hover to view all special instructions/order comments), perform medication safety checks and prepare the required medication.
2. At the patient's bedside, open **PowerChart** and perform verbal PPID check and allergy check
3. Navigate to the **MAR**.
4. From the **toolbar**, click  Medication Administration.

The **Medication Administration Wizard (MAW)** window will display.

5. Scan the patient wristband using the barcode scanner. If scanning is not possible, click **Next**. The **Override Reason** window will open.
6. Select relevant reason for not scanning from the dropdown menu e.g. Unable to Scan Barcode.

Note: Overriding scanning bypasses an important safety check. Failure to correctly identify the patient may result in a medication being administered to the incorrect patient.

If you override scanning, be aware that the risk of error has increased significantly and additional vigilance is required.

The medication list will open.

Note: The MAW displays medications due for administration within the next 75 mins. Additionally, any overdue, PRN or continuous medications will display.

7. Select the medication you need to chart by clicking the **checkbox** to the left of the medication.
8. A **blue tick** will appear next to the medication and the dose information will auto-populate in the **Result column**.
9. Multiple medications can be selected for administration.



Scheduled	Medication	Details	Result
<input type="checkbox"/>	21-Nov-2017 2:00 AMST insulin insulinID	DOSE: 40 PER COMMENT SECTION, Cartridge, Subcutan...	
<input type="checkbox"/>	21-Nov-2017 2:00 AMST insulin subcutaneous dose check	Administer subcutaneous insulin according to following...	
<input checked="" type="checkbox"/>	21-Nov-2017 2:00 AMST insulin 700 dose check	1 SA, Other-enter comment, start: 21-Nov-2017 00:00:00...	
<input type="checkbox"/>	21-Nov-2017 6:00 AMST insulin insulinID	DOSE: 40 PER COMMENT SECTION, Cartridge, Subcutan...	
<input type="checkbox"/>	21-Nov-2017 6:00 AMST insulin subcutaneous dose check	Administer subcutaneous insulin according to following...	
<input checked="" type="checkbox"/>	21-Nov-2017 6:00 AMST insulin 700 dose check	1 SA, Other-enter comment, start: 21-Nov-2017 00:00:00...	
<input type="checkbox"/>	21-Nov-2017 7:00 AMST glucose	1 mg Injection IV, ONCE only, MON, start: 17-Aug-2017...	
<input type="checkbox"/>	21-Nov-2017 7:00 AMST glucose	10 g in 100 mL, Push, Once, ONCE only, start: 17-Aug-2017...	
<input type="checkbox"/>	21-Nov-2017 7:00 AMST heparin	1,000 units Injection IV, ONCE only, start: 17-Aug-2017...	
<input type="checkbox"/>	21-Nov-2017 11:30 AM insulin insulinID	DOSE: 40 PER COMMENT SECTION, Cartridge, Subcutan...	
<input type="checkbox"/>	21-Nov-2017 11:30 AM insulin subcutaneous dose check	Administer subcutaneous insulin according to following...	
<input checked="" type="checkbox"/>	21-Nov-2017 11:30 AM PRN glucose	10 mL Solution, injectable, IV, As indicated, start: 17-Aug-2017...	glucose 10 mL IV, Hypoglycaemia
<input type="checkbox"/>	Continuous insulin (glucose 10% intravenous solution)	Max dose 100mL, administer slowly IV over 2-5 mins, L...	
<input type="checkbox"/>	Continuous insulin (drip)	RATE PER COMMENT: Total volume 100 mL, 100 mg, 10...	
<input type="checkbox"/>	Continuous Actrapid analogue 50 units/g + sodium chloride	Target BG: range as per prescriber: 5.5 - 10 mmol/L. BG...	
<input type="checkbox"/>	Continuous glucose 10% with 0.9% Sodium Chloride intrave...	Rate: 10 mL/hr, Total volume 100 mL, 100 mg, 100 mg...	
<input type="checkbox"/>	Continuous heparin	Rate: 10 mL/hr, Total volume 100 mL, 100 mL, 10 contin...	
<input type="checkbox"/>	Continuous Sodium Chloride 0.9% intravenous solution	Rate: 10 mL/hr, Total volume 100 mL, 100 mL, 100 mL...	
<input type="checkbox"/>	Continuous Sodium Chloride 0.9% intravenous infusion L...	200ml bolus	

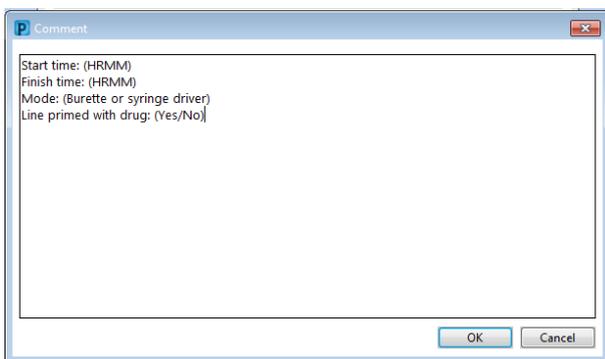
Dosing and Add Nurse Witness

1. Click on the **dose information** in the **Result column**. The **administration window** will open.
2. Complete the required fields, add a nurse witness to the **Witnessed by** field, select the diluent and enter the volume (this amount will be added to the fluid balance chart).
3. Select **comment** to add the information required to calculate the AUC (area under the curve) for therapeutic drug monitoring.





4. In the comments window enter the following information:
 - a. Actual time infusion started.
 - b. Actual time infusion completed (you will need to **modify** your documentation to record this at the completion time).
 - c. Mode of infusion (via burette or syringe).
 - d. Line primed drug (yes/no).



5. Select **OK** once completed.

Note: Always document the above information even if the patient does not have an order for TDM. There is the potential that a TDM order could be placed post administration and this information is crucial to obtaining accurate results.

6. The **Verify User** window will open. The nurse witness will need to enter their password.
7. Once the administration details have been completed for each medication, click **Sign** to finalise.
8. The **action cell** will now populate at the administration time and date. It will display the dose administered. The administration task will also populate with the 'last dose' date and time. This information will appear in the **MAR** and **MAR Summary**.

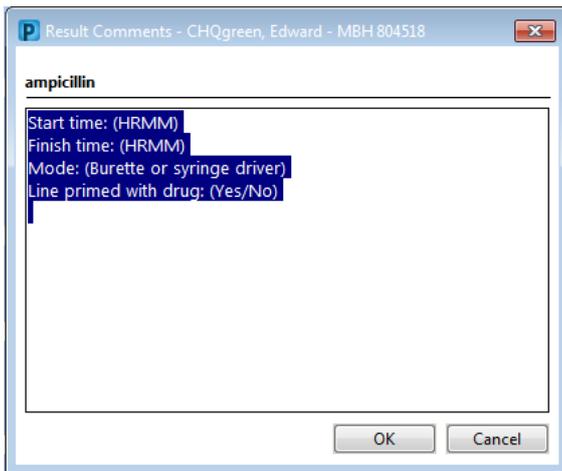
To enter the completion time:

1. R) click on the **action cell** for the documented dose and select **add comment**.



2. The comment window containing the administration information will open.





The screenshot shows a dialog box titled "Result Comments - CHQgreen, Edward - MBH 804518". The main content area is labeled "ampicillin" and contains a text input field with the following text: "Start time: (HRMM)", "Finish time: (HRMM)", "Mode: (Burette or syringe driver)", and "Line primed with drug: (Yes/No)". The input field is currently empty. At the bottom of the dialog box are two buttons: "OK" and "Cancel".

3. Double click in the window to **modify** the comment. Add the exact completion time and select **ok**
4. Sign using the green tick

