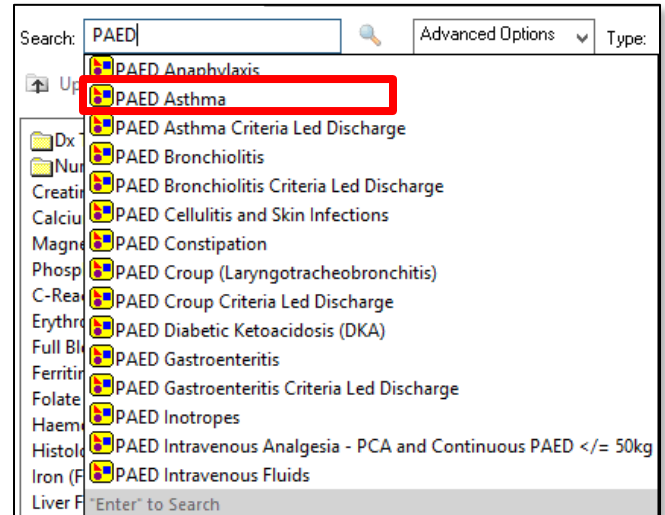
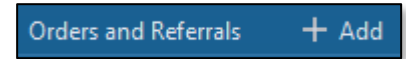


Medications – Paediatric – Asthma Order set

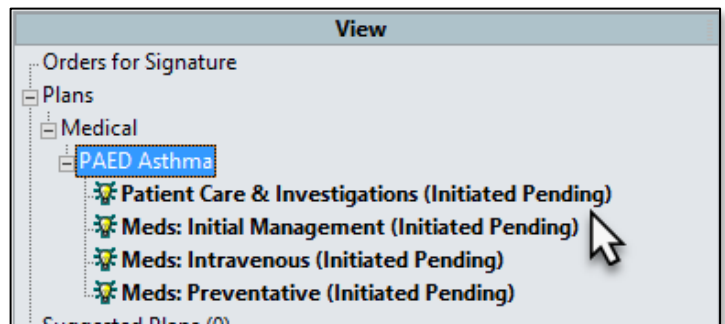
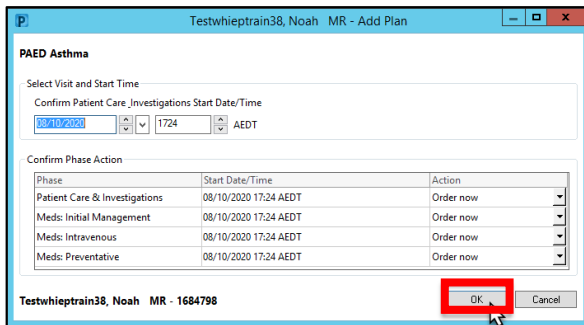


Placing Initial Orders

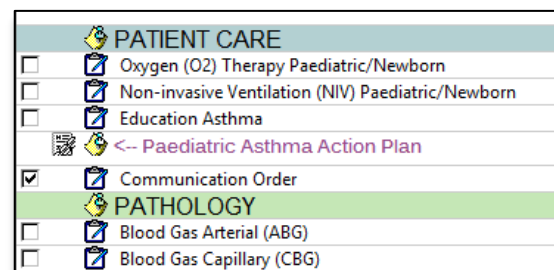
1. Select **Orders and Referrals** and click **+Add**.
2. Enter **PAED** into the search box to display all paediatric ordersets.
3. Select **PAED Asthma** orderset.



4. The PAED Asthma order set contains multiple phases. Select **OK** then click on each phase under the **View** tab on the left hand side to view the contents.



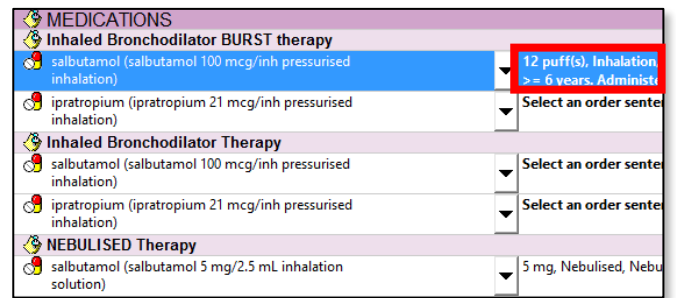
5. Select all required orders from the **Patient Care & Investigations** phase.





6. Select all required orders from the **Meds: Initial Management** phase.

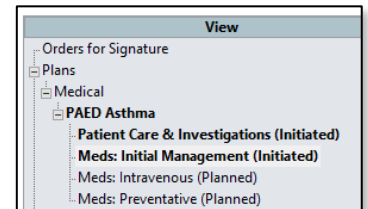
***Note*:** Some order sentences will filter to the correct dose based on the patient's age



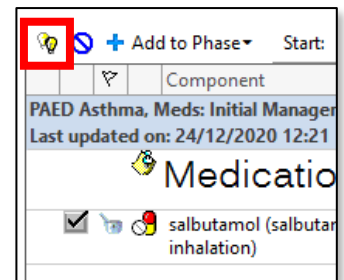
7. Select **Orders For Signature** to review all orders and complete any mandatory details. Then **Sign** and review the **MAR / MAR Summary**.

Placing further orders

1. Navigate back to the **Orders and Referrals** and select the **View** tab. Note the phases you have already signed have been *Initiated*, and other phases are still *Planned*.



2. The **Initiated** phases will only display orders that have already been signed. To place further orders from the same phase, click the lightbulb icon to 'reset' the phase to its original view.

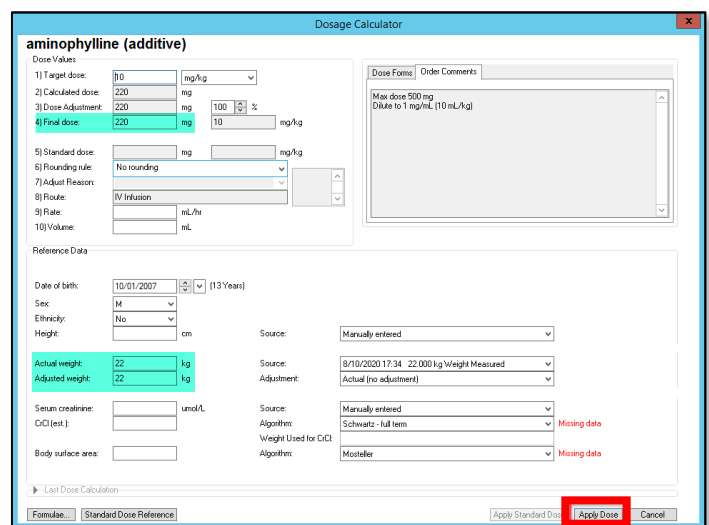


Then select orders and sign as usual.

“Meds: Intravenous” Phase

1. Select all required orders from the **Meds: Intravenous** phase

2. The Dosage Calculator will launch if a dose is weight-based.
- Check that the **Actual Weight** and / or **Adjusted Weight** fields are accurate (you may enter values manually if necessary).
 - Check that the **Final Dose** is calculated correctly (you may override / round the dose manually if necessary).
 - Select **Apply Dose**.



Magnesium sulfate is pre-defined to run 0.2 mmol/kg in 20 mL sodium chloride 0.9% over 20 minutes.

Magnesium Sulfate	
magnesium sulfate infusion 0.2 mmol/kg in Sodium Chloride 0.9% 20 mL BAG BY BAG - PAED	20 mL, IV Infusion, 1 bag(s) Max dose 8 mmol

Base Solution	Bag Volume	Rate	Infuse Over
sodium chloride 0.9% infusion (BAG BY BAG)	20 mL	60 mL/hr	20 min(s)
Additive	Additive Dose	Normalized Rate	Delivers
magnesium sulfate (additive)	2 mmol		

Aminophylline has orders for both a loading dose and a subsequent infusion.

Aminophylline

Loading Dose 10mg/kg (max dose 500mg)
Dose will autocalculate based on patient's weight
Prescriber should enter the bag volume (10 mL/kg)

amiNOPHYLLine infusion 10 mg/kg in Sodium Chloride 0.9% xx mL BAG BY BAG - PAED (LOADING DOSE)
mL, IV Infusion, Infuse over: 1 hr(s), 1 bag(s), Indication: LOADING Dose
Max dose 500 mg Dilute to 1 mg/mL (10 mL/kg)

Subsequent Infusion 25mg/kg
Dose will autocalculate based on patient's weight
Prescriber should enter the rate of infusion based on patient's age
Age 1 - 9 years: 2.2 mL/hr (1.1 mg/kg/hr)
Age > 9 years: 1.4 mL/hr (0.7 mg/kg/hr)

amiNOPHYLLine infusion 25 mg/kg in Sodium Chloride 0.9% 50 mL BAG BY BAG - PAED (MAINTENANCE)
50 mL, IV Infusion, mL/hr, Duration: 1 bag(s), Indication: SUBSEQUENT Infusion
Enter the rate of infusion based on patient's age: Age 1 - 9 years: 2.2 mL/hr (1...

The Loading Dose is pre-defined to run 10 mg/kg over 1 hour, with the prescriber required to enter the diluent volume as per instructions

The Subsequent Infusion is pre-defined to run 25 mg/kg in 50mL sodium chloride 0.9%, with the prescriber required to enter the rate as per instructions

- If aminophylline loading is required, select the Loading Dose order > review Dosage Calculator > Apply Dose
- The **Continuous Details** tab will then display
- Refer to the instructions in the **Order Comments** and enter the diluent volume into the **Bag Volume** field.

***Note*:** Entering the value in mL/kg will trigger the Dosage Calculator to launch again.

aminophylline (additive) 100 mg + sodium chloride 0.9% infusion (BAG BY BAG) mL, IV Infusion, Rate: 10 mL/hr, 1 bag(s), Indication: LOADING Dose, Max dose 500 mg Dilute to 1 mg/mL (10 mL/kg) target Dose: amin...

Subsequent Infusion 25mg/kg

Details for aminophylline (additive) 100 mg + sodium chloride 0.9% infusion (BAG BY BAG)

Details Continuous Details Order Comments Offset Details Diagnoses

Base Solution	Bag Volume	Rate	Infuse Over
sodium chloride 0.9% infusion (BAG BY BAG)	10 mL/kg	10 mL/hr	hr(s)
Additive	Additive Dose	Normalized Rate	Delivers
aminophylline (additive)	100 mg		EB

- Review Dosage Calculator > Apply Dose
- Once the Bag Volume has been entered, the Rate will auto-calculate based on the pre-defined Infuse Over time of 1 hour.

Base Solution	Bag Volume	Rate	Infuse Over
sodium chloride 0.9% infusion (BAG BY BAG)	100 mL	100 mL/hr	1 hr(s)
Additive	Additive Dose	Normalized Rate	Delivers
aminophylline (additive)	100 mg		

- If a subsequent aminophylline order is required, select the Subsequent Infusion order > review Dosage Calculator > Apply Dose
- The **Continuous Details** tab will then display
- Refer to the instructions in the **Order Comments** and enter the appropriate Rate in **mL/hr** based on your patient's age

Order comments

Enter the rate of infusion based on patient's age:
 Age 1 - 9 years: 2.2 mL/hr (1.1 mg/kg/hr)
 Age > 9 years: 1.4 mL/hr (0.7 mg/kg/hr)

***Note*:** Magnesium and Aminophylline are both **bag by bag infusions** with a pre-defined duration of "1 bag(s)". This means when the bag is finished, nursing staff complete the order and it will become discontinued on the MAR / MAR Summary.

- Click to *Initiate* the new "Meds: Intravenous" phase

- Select to review all orders and complete any mandatory details.

Then and review the **MAR / MAR Summary**.

Continuous Infusions	
	aminophylline (additive) 100 mg sodium chloride 0.9% infusion (BAG BY BAG) 100 mL 100 mL, IV Infusion, Rate: 100 mL/hr, 1 bag(s), First dose 24/12/2020 16:46:00, Indication: LOADING Dose, Stop date 24/12/2020 17:45:00, Total volume (mL): 100 Max dose 500 mg Dilute to 1 mg/mL (10 mL/kg) Target Dose: aminophylline (additive) 10 mg/kg (Ac...
Administration Information	
amiNOPHYLLine	
Sodium Chloride 0.9%	
	aminophylline (additive) 250 mg sodium chloride 0.9% infusion (BAG BY BAG) 50 mL 50 mL, IV Infusion, Rate: 1.4 mL/hr, 1 bag(s), First dose 24/12/2020 16:46:00, Indication: SUBSEQUENT Infusion, Stop date 26/12/2020 04:27:00, Total volume (mL): 50 Enter the rate of infusion based on patient's age: Age 1 - 9 years: 2.2 mL/hr (1.1 mg/kg/hr) Age > 9...
Administration Information	
amiNOPHYLLine	
Sodium Chloride 0.9%	
	magnesium sulfate (additive) 2 mmol sodium chloride 0.9% infusion (BAG BY BAG) 20 mL 20 mL, IV Infusion, Rate: 60 mL/hr, 1 bag(s), First dose 24/12/2020 16:46:00, Stop date 24/12/2020 17:05:00, Total volume (mL): 20 Max dose 8 mmol Target Dose: magnesium sulfate (additive) 0.2 mmol/kg (Actual Dose: 0.2 mmol/k...
Administration Information	
magnesium sulfate	
Sodium Chloride 0.9%	

"Meds: Preventative" phase

- Select all required orders from the **Meds: Preventative** phase
- Click to *Initiate* the new "Meds: Preventative" phase
- Select to review all orders and complete any mandatory details. Then and review the **MAR / MAR Summary**.