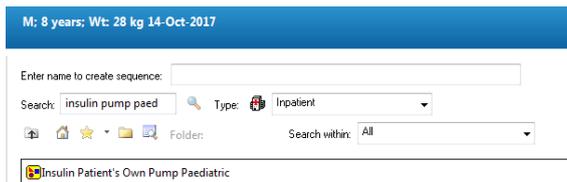# Insulin – patient's own subcutaneous pump (ordering) – paediatrics
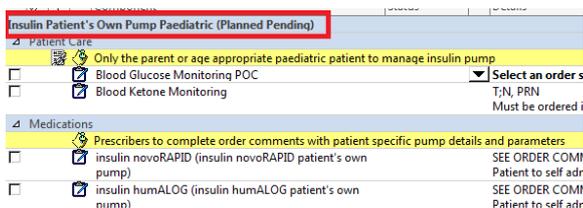
Medication Management

Quick reference guide

When ordering insulin for a patient's own pump

1. Click **Orders** from the Menu.

2. Click **+ Add** .

3. Type *Insulin pump paed* into the search field. Select Insulin Patient's Own Pump Paediatric.

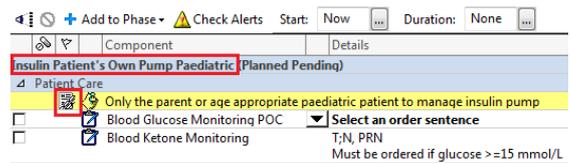M; 8 years; Wt: 28 kg 14-Oct-2017

Enter name to create sequence:

Search: insulin pump paed   Type: Inpatient

Folder: Search within: All

Insulin Patient's Own Pump Paediatric

4. Click Done.

5. Insulin Patient's Own Pump Paediatric PowerPlan will display.

Insulin Patient's Own Pump Paediatric (Planned Pending)
△ Patient Care
   Only the parent or age appropriate paediatric patient to manage insulin pump
   Blood Glucose Monitoring POC   Select an order s
   Blood Ketone Monitoring   T;N, PRN
   Must be ordered i
△ Medications
   Prescribers to complete order comments with patient specific pump details and parameters
   insulin novoRAPID (insulin novoRAPID patient's own pump)   SEE ORDER COM
   Patient to self adr
   insulin humALOG (insulin humALOG patient's own pump)   SEE ORDER COM
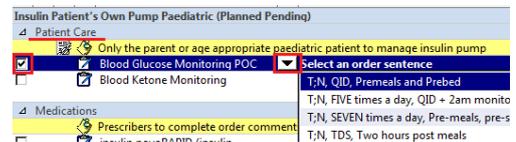   Patient to self adr

This PowerPlan is divided into sections. Information highlighted in yellow provides important points to consider when prescribing.
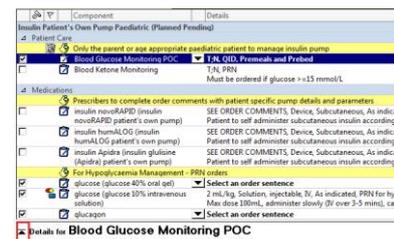
Patient Care:

1. Click on the evidence link icon. This will open a link to: *CHQ Insulin pump (inpatient) insulin order.*

Add to Phase   Check Alerts   Start: Now   Duration: None
Component   Details
Insulin Patient's Own Pump Paediatric (Planned Pending)
△ Patient Care
   Only the parent or age appropriate paediatric patient to manage insulin pump
   Blood Glucose Monitoring POC   Select an order sentence
   Blood Ketone Monitoring   T;N, PRN
   Must be ordered if glucose >=15 mmol/L

2. Tick the box next to Blood Glucose Monitoring POC. Select the most appropriate order sentence for your patient from the drop down menu.

Insulin Patient's Own Pump Paediatric (Planned Pending)
△ Patient Care
   Only the parent or age appropriate paediatric patient to manage insulin pump
   ☑ Blood Glucose Monitoring POC   Select an order sentence
   Blood Ketone Monitoring   T;N, QID, Premeals and Prebed
△ Medications   T;N, FIVE times a day, QID + 2am monito
   Prescribers to complete order comment   T;N, SEVEN times a day, Pre-meals, pre-s
   insulin novoRAPID (insulin   T;N, TDS, Two hours post meals

3. Once selected, details of the order can be viewed (and changed if required) by clicking the arrow next to Details.

Tick the box next to Blood Ketone Monitoring if required.

Note: Blood Glucose Monitoring should always be ordered and times for testing specified. **Blood Ketone Monitoring** should be ordered if a BGL is ≥15 mmol/L or otherwise indicated.

Medications:

4. Tick the box next to the **correct insulin** that the patient is using (Novorapid, Humalog *or* Apidra). Confirm an accurate medication history has been completed ***before*** prescribing**.**

Note: There is a range of insulin products available which have different release profiles and duration of action. Products may contain more than one type of insulin and often sound similar. All these aspects increase the risk of insulin prescribing error(s). **Prescribers need to ensure the correct insulin is selected. Always seek specialist advice** *before* **prescribing if you are unsure.**

5. Double click the insulin order. Details will display.

6. Under Details the dose is set to **see order comments**.

Note: Prescribers need to complete the dose under order comments based on individual patient requirements. Patient specific pump details and parameters need to be checked and confirmed before continuing.

7. Under Details click on the Order Comments tab.
    Complete this section with patient specific pump details and parameters.

8. Check and complete details under all tabs (Details, Order Comments, Offset Details *and* Diagnoses) as required. Lower Details once completed to continue with the PowerPlan.

9. Under For Hypoglycaemic management-PRN orders all orders will be ticked by default.

10. For each line, select the most appropriate order sentence for your patient from the drop down menu. Some lines may already have an order sentence assigned to it (e.g: glucose 10% IV solution below).

11. If no order sentences are displayed in the drop down menu, untick filtered order sentences and this will display all available order sentences.

Consults/Referrals:

12. Tick the box next to consults/referrals that need to be ordered for your patient. This is based on patient requirements, clinical judgement and/or local institutional practice/guidelines.

13. Click ⚡ Initiate .

14. The dosage calculator may display for medication orders. Check these are correct before clicking Apply dose. Refer to *Dosage Calculator QRG* for further information.

15. Once Initiated, ⚡ will display next to the prescribed order sentences instead of the ticked box. Check the orders are correct.

16. Click Orders For Signature.

17. Check the orders are correct before clicking Sign.

18. The Authorizing signature box will display, fill in your username and password to finialise the order.

19. Refresh.

20. Insulin Patient's Own Pump Paediatric is now initiated. All prescribed orders will

have a grey box with a tick next them and show as ordered.