



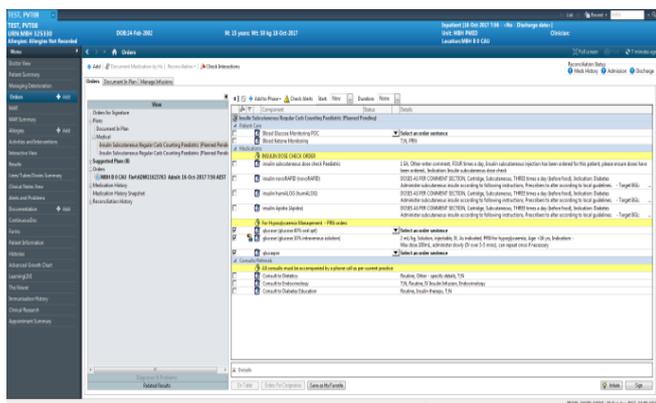
ieMR Advanced

# Insulin subcutaneous regular carb counting paediatric PowerPlan

## Medication Management

### Quick reference guide

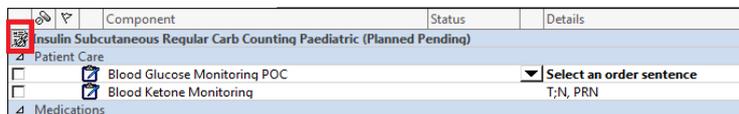
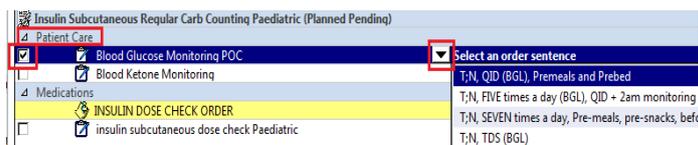
1. Login to PowerChart.
2. Search the required patient profile (ensuring you are opening the appropriate patient encounter).
3. Click on **Orders** from the menu.
4. Click on **+ Add**.
5. Search and Select *Insulin Subcutaneous Regular Carb Counting Paediatric* PowerPlan.
6. Click **Done**.
7. The Powerplan will now display in the View navigator on the left and appear as below.



**Note:** Information highlighted in yellow provides important points to consider when prescribing.

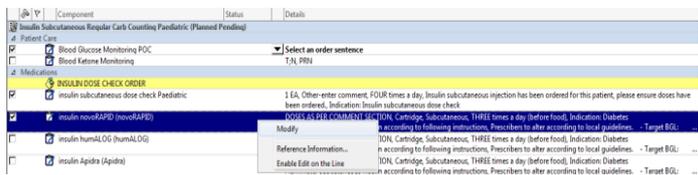
### Patient care:

1. Click on the evidence link *icon* next to *Insulin Subcutaneous Regular Carb Counting Paediatric*. This will open a link to: **Paediatric Insulin Subcutaneous Order and Blood Glucose Record**.



2. Tick the box next to *Blood Glucose Monitoring POC*. Click on the drop down menu and select the most appropriate order sentence for your patient.
3. Tick the box next to *Blood Ketone Monitoring* if required.

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



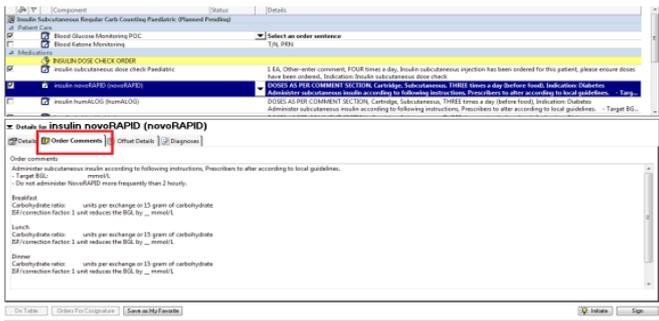
### Medications:

1. Under the *Medications* heading, select *Insulin subcutaneous dose check paediatric*. A  will appear to indicate the order is selected. Note the times of this dose check can be changed to match the individual patient's insulin administration times.

**Note:** The 'Dose check' is a prompt for nursing staff to check that insulin has been ordered for the next dose. If no insulin is ordered please contact the treating medical team.



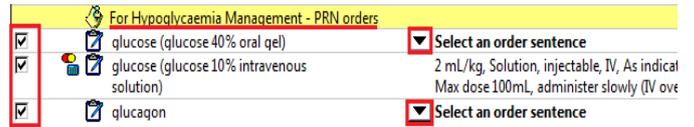
- Under the *Medications* heading select the insulin order most appropriate to the patient. A  will appear to indicate the order is selected.
- On the chosen insulin order sentence, *right click* and select *Modify* to open the Order Entry Field.
- Select the *Order Comments* tab. The following view will display.



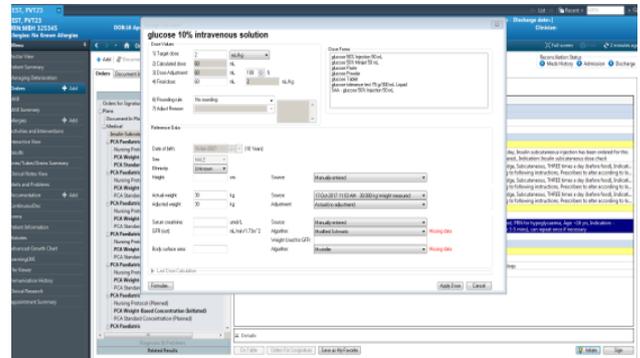
- Complete this section to detail patient specific **insulin doses, target BGL's, carbohydrate ratio doses of insulin and correction factors.**
- Review the *Details* tab.

**Note:** The Frequency is to be set at the amount of regular doses the patient usually receives (e.g. THREE times a day). Nursing staff will utilise the Additional Dose function to document insulin given for snacks according to the instructions detailed in the Order Comments.

- Minimise *Details* to continue with the PowerPlan.
- Under to the *Hypoglycaemia Management – PRN orders* section, all of the orders will be pre-selected  by default. These orders can be deselected if an order is not required.
- Click on the drop down menu for each order and select the most appropriate order sentences for your patient. Some lines may already have an order sentence assigned to it (e.g. glucose 10% IV solution).



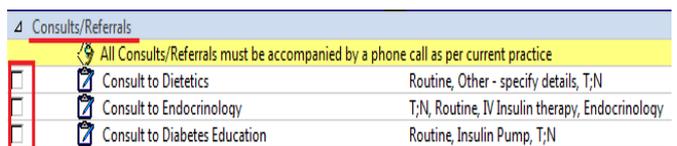
- The *glucose 10% intravenous solution* is a weight based (mL/kg) dosage. If this order is selected, the dosage calculator will fire when initiating the powerplan. . Refer to **Dosage calculator QRG** for further information.



**Note:** The prescriber must ensure the patient has a current weight in iEMR and final dose is appropriate to the patient before selecting 'Apply Dose'.

**Consults/referrals:**

- Tick the box next to consults/referrals that are appropriate for your patient. All consults should be accompanied by a phone call.



- Once all orders are selected and checked, click **Initiate**.



13. A lightbulb will now appear next to all initiated orders.

Insulin Subcutaneous Regular Carb Counting Paediatric (Initiated Pending)			
Patient Care			
	Blood Glucose Monitoring POC	Order	20-Oct-2017 10:48 AEST, QID, Pre meals and Prebed
	Blood Ketone Monitoring	Order	20-Oct-2017 10:48 AEST, PRN
Medications			
<b>INSULIN DOSE CHECK ORDER</b>			
	insulin subcutaneous dose check Paediatric	Order	1 EA, Other-enter comment, FOUR times a day, start: 20-Oct-2017 10:48 AEST, Indication: Insulin subcutaneous dose check Paediatric, please ensure dose has been ordered for this patient.
	insulin novoRAPID (novoRAPID)	Order	DOSES AS PER COMMENT SECTION, Cartridge, Subcutaneous
<input type="checkbox"/>	insulin humALOG (humALOG)		Administer subcutaneous insulin according to following instr
<input type="checkbox"/>	insulin Apidra (Apidra)		DOSES AS PER COMMENT SECTION, Cartridge, Subcutaneous
<input type="checkbox"/>	insulin Apidra (Apidra)		Administer subcutaneous insulin according to following instr
<b>For Hypoglycaemia Management - PRN orders</b>			
	glucose (glucose 40% oral gel)	Order	15 g = Paste, Oral, As indicated, start: 20-Oct-2017 10:48 AEST
	glucose (glucose 10% intravenous solution)	Order	60 mL, Solution, injectable, IV, As indicated, start: 20-Oct-2017 10:48 AEST, Max dose 100mL, administer slowly (IV over 3-5 mins), can repeat once if necessary
	glucagon	Order	1 mg, Injection, Intramuscular, As indicated, start: 20-Oct-2017 10:48 AEST, For SEVERE hypoglycaemia if IV access not available. If administered contact Doctor
Consults/Referrals			
All consults must be accompanied by a phone call as per current practice			
	Consult to Dietetics	Order	Routine, Other - specify details, 20-Oct-2017 10:48 AEST
	Consult to Endocrinology	Order	20-Oct-2017 10:48 AEST, Routine, IV Insulin Infusion, Endocrinology
	Consult to Diabetes Education	Order	Routine, Insulin therapy, 20-Oct-2017 10:48 AEST

14. Click *orders for signature*.



15. Check the orders are correct before clicking *sign*.

MBH B 0 CAU Fin#ADM11628672 Admit: 17-Oct-2017 8:16 AEST			
Patient Care			
	Blood Glucose Monitoring POC	Order	20-Oct-2017 10:48 AEST, 20-Oct-2017 10:48 AEST, QID, Pre meals and Prebed
	Blood Ketone Monitoring	Order	20-Oct-2017 10:48 AEST, 20-Oct-2017 10:48 AEST, PRN
Medications			
	insulin subcutaneous dose check Paediatric	Order	20-Oct-2017 11:00 AEST, 1 EA, Other-enter comment, FOUR times a day, start: 20-Oct-2017 11:00 AEST, Insulin subcutaneous dose check Paediatric, please ensure doses have been ordered, Indication: Insulin subcutaneous dose check Paediatric
	insulin novoRAPID (novoRAPID)	Order	20-Oct-2017 12:00 AEST, DOSES AS PER COMMENT SECTION, Cartridge, Subcutaneous, THREE times a day (before food), st. Administer subcutaneous insulin according to following instructions, Prescribers to alter according to following instructions
	glucose (glucose 40% oral gel)	Order	20-Oct-2017 10:48 AEST, 15 g = Paste, Oral, As indicated, start: 20-Oct-2017 10:48 AEST, PRN for hypoglycaemia, Indication: For hypoglycaemia
	glucose (glucose 10% intravenous solution)	Order	20-Oct-2017 10:48 AEST, 60 mL, Solution, injectable, IV, As indicated, start: 20-Oct-2017 10:48 AEST, PRN for hypoglycaemia, Max dose 100mL, administer slowly (IV over 3-5 mins), can repeat once if necessary Target Dose: glucose 10% intravenous solution
	glucagon	Order	20-Oct-2017 10:48 AEST, 1 mg, Injection, Intramuscular, As indicated, start: 20-Oct-2017 10:48 AEST, PRN for hypoglycaemia For SEVERE hypoglycaemia if IV access not available. If administered contact Doctor

16. The Authorizing Signature box will show up.

17. Enter your username and password.

18. Click *ok* to finalise the order and *refresh*.

19. Orders now show as "ordered".

