Rapid acting insulin - nurse administration at **meal times (breakfast, lunch, dinner)** – ieMR workflow

Insulin Administration Information

Using insulin subcutaneous regular carbohydrate counting paediatric PowerPlan

Check medication and patient

1. Check Blood Glucose Level (BGL)/Ketone level and document in iView.

2. Negotiate Carbohydrate (CHO) intake for meal with patient/ family.

3. Two RN's collect equipment (i.e. insulin pen or syringe/insulin cartridge and sharp container) and go to patient bedside.

4. Administration nurse to log on and open patient chart in ieMR. Check Encounter.

5. Verbally check and confirm patient name, DOB, URN, and allergy status with parent/carer/patient against the banner bar and ID band.

6. If new allergies are identified, enter the details and complete the **reverse allergy check**.

7. Mark allergies as reviewed.

8. Navigate to **MAR**.

    a. Locate insulin order from Carb Counting Power Plan.
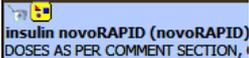
    b. Hover over order sentence to view comments/special instructions and meal dosing.

    c. Review *last dose given* on the most recent administration tile.

    d. Calculate expected dose based on BGL, CHO ratio and Insulin Sensitivity Factor.

Obtain order and document administration

1. **Call Medical Officer (MO).** Navigate between iView & MAR to provide relevant information (BGL, total CHO) to inform dose confirmation. Open the Medication Administration Wizard.

2. Scan the patient ID band.

3. Tick the paediatric dose check and the Insulin dose checkboxes. The medication administration window will open automatically. Read the alert box and select OK.

4. Tick the box to acknowledge BGL level displayed.

5. Dose is highlighted as yellow mandatory field. Enter the dose as requested by MO. MO to repeat and confirm dose verbally with second RN.

6. Enter ***Dose confirmed by phone with Dr XXXX*** in the comments field.

7. Both nurses prepare/check insulin as per CHQ Medication Administration procedures.

8. Nurse / child or parent administers insulin dose.

9. Document site of administration in the administration window.

10. Use the comments field to document if dose was administered by the child or parent.

11. Select the green tick to verify - second nurse to enter Novel ID and password into witness field. Nurse logged in clicks Sign.

12. Return to MAR. Refresh to confirm administration. Close chart and log out.

13. Return insulin to medication room and dispose of equipment safely.

14. Document CHO intake in iView → Paediatric Systems Assessment → ADLs → Nutrition.