

Complex Medication Orders – Continuous Subcutaneous Insulin Infusion (CSII) Pumps



This Quick Reference Guide will explain how to:

Ordering a Continuous Subcutaneous Insulin Infusion (CSII) Pump.

Insulin Pumps are documented on the MAR as an ongoing unscheduled order.

Nurses SHOULD NOT electronically administer the order as this will cause the order to drop off.

1. Click on **Orders and Referrals + Add** and then click **+ Add**
2. Type **insulin pump** into the **Search** field and select either the *Humalog insulin pump* or *Novorapid insulin pump* order.
***Note** – always select the line with a grey order sentence

Search: Advanced Options Type:

Up Home Favorites Folders Copy Folder:

Humalog insulin pump
Humalog insulin pump Insulin pump, Subcutaneous, See Instructions
Novorapid insulin pump
Novorapid insulin pump Insulin pump, Subcutaneous, See Instructions

Orders for Signature

Order Name	Status	Start	Details
W G WEST; R04; B08 Fin#:WHIP2000048 Admit: 5/07/2018 06:48			
insulin lispro (Humalog insulin pump)	Order	23/10/2018 09:00	Insulin pump, Subcutaneous, See Instructions This patient is managing their own insulin pu

Details for **insulin lispro (Humalog insulin pump)**

Details Order Comments Diagnoses

3. Click on the **Order Comments** tab of the order **Details**.

4. In **Order Comments**, document the insulin: carbohydrate ratio, insulin sensitivity factor and basal rate (in units/hour).

Order comments

This patient is managing their own insulin pump. See pump settings for units being administered. Patient's own meds.

Insulin : Carbohydrate ratio: 1:10
Insulin sensitivity factor: 1 per 50

Basal rate:
0000-0700 : 0.5 units/hr
0700-1000 : 1.10 units/hr
1000-1300: 0.2 units/hr
1300-1600: 0.5 units/hr
1600-0000: 0.4 units/hr

Example:

5. Check the MAR. Hover over the order to see order comments.

Medications	23/10/2018 09:36
Unscheduled	Insulin pump Not given within 5 days.
insulin lispro (Humalog insulin pump)	Insulin pump, Subcutaneous, See Instructions, First dose 23/10/2018 09:00:00 This patient is managing their own insulin pump. See pump settings for units being administered. Patient's own meds.
insulin lispro	Insulin lispro (Humalog insulin pump)
Blood Glucose - Capillary - Non Lab	Insulin pump, Subcutaneous, See Instructions, First dose 23/10/2018 09:00:00
Blood Ketones - Non Lab	This patient is managing their own insulin pump. See pump settings for units being administered. Patient's own meds. Insulin : Carbohydrate ratio: 1:10 Insulin sensitivity factor: 1 per 50 Basal rate: 0000-0700 : 0.5 units/hr 0700-1000 : 1.10 units/hr 1000-1300: 0.2 units/hr 1300-1600: 0.5 units/hr 1600-0000: 0.4 units/hr