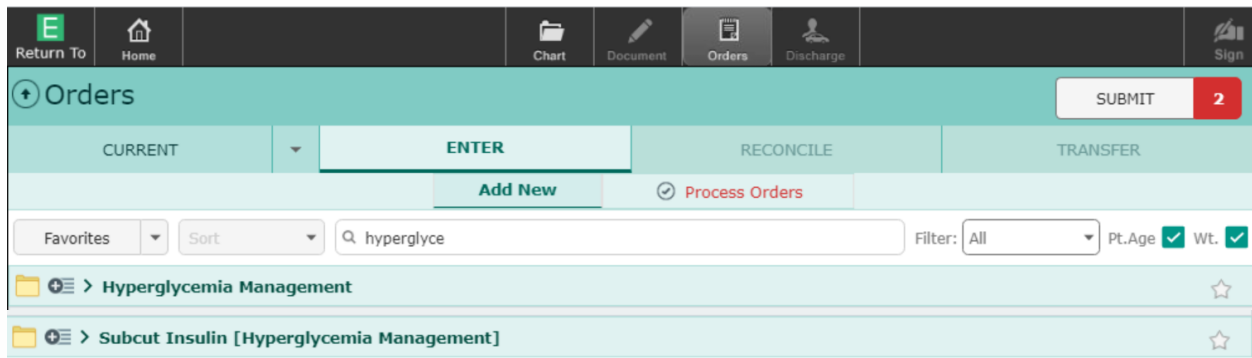


CARE4 Tip Sheet – WebAcute, Web ED and OM Hyperglycemia Management Order Set

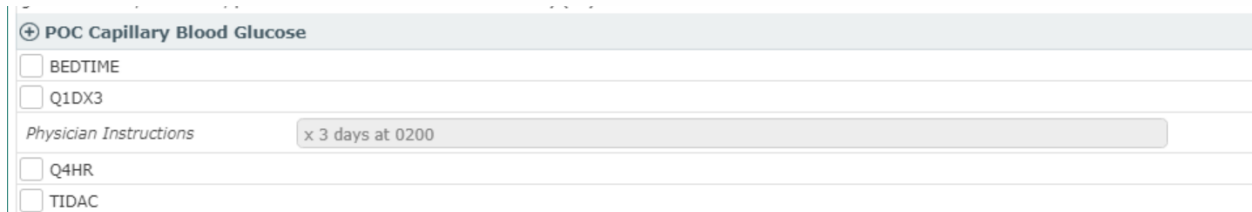
Overview

The purpose of this tip sheet is to highlight some steps to include when ordering insulin for basal bolus correction for adults in the acute inpatient setting.

Select the order set for Hyperglycemia Management from the Orders tab. Aliases have been added for an easy look up (Insulin, Subcut Insulin, Sliding Scale).



The first order when opening the order sets is the POC (Point of Care) Capillary Blood Glucose. Multiple monitoring times are displayed for your selection. If more frequencies need to be displayed, select the expand button.



Most patients should receive scheduled and supplemental/correction insulin. The scheduled insulin (Basal and Prandial) is listed with the appropriate frequencies. Enter the dose (units) on the selected scheduled time.

*****Important Note:** If the patient doesn't require any insulin dose during certain time of the day, DON'T enter a "0 Dose". Only select the dose on the times that the patient needs one and edit the order as necessary.

Hyperglycemia Management Clear All ★

Medications

Basal insulin: Long Acting

insulin glargine [Lantus SoloStar]

insulin glargine [Lantus SoloStar] 5 unit SUBCUT BEDTIME SCH 16/09/2021 21:00 STOP DATE New

Label Comments

Dose Instruction

5 unit SUBCUT QAMCC SCH

Prandial insulin: Rapid Acting

insulin lispro [HumaLOG KwikPen]

insulin lispro [HumaLOG KwikPen] 3 unit SUBCUT QAMCC SCH 16/09/2021 08:00 STOP DATE New

Label Comments: Give 15 minutes before meal

Dose Instruction

If a correctional (supplemental) insulin dose is required open the Correctional (Supplemental) Insulin section where different regimens (low, medium, or high) are available for ordering.

Hyperglycemia Management Clear All ★

Medications

Correctional (Supplemental) insulin

Avoid the routine use of Correctional (Supplemental) insulin (i.e. "sliding scale") ALONE for glycemic control, as it can lead to suboptimal glucose control. Instead, correctional insulin should be used as part of an insulin regimen that includes basal and prandial/meal-time insulin.

Frequent use of Corrective Insulin Scale suggests a need to modify the basal and/or nutritional insulin doses.

If Correctional (Supplemental) insulin is used with Prandial insulin, both insulins should be the same type/brand

Suggested frequency is before meals with or without bedtime dosing, or every 4-6 hours

- > insulin lispro [HumaLOG KwikPen] (Low-dose) [Similar Order Selected](#)
- > insulin lispro [HumaLOG KwikPen] (Med-dose) [Similar Order Selected](#)
- > insulin lispro [HumaLOG KwikPen] (High-dose) [Similar Order Selected](#)
- > insulin regular [HumuLIN R KwikPen] (Low-dose)
- > insulin regular [HumuLIN R KwikPen] (Med-dose)
- > insulin regular [HumuLIN R KwikPen] (High-dose)

The dose string will display the content of the standard regimen.

Hyperglycemia Management Clear All ★

Medications

insulin lispro [HumaLOG KwikPen] (Low-dose) [Similar Order Selected](#)

See Protocol SUBCUT TIDAC SCH P

Protocol: insulin Corrective Low-Dose Regimen

Condition	Dose/Route	Instruction
If Blood Glucose :	Correction insulin dose :	
less than 4 mmol/L	Give 0 unit	Initiate Hypoglycemia Protocol
4-10 mmol/L	Give 0 unit	Give only SCHEDULED insulin dose
10.1-12 mmol/L	Give 1 unit	in addition to SCHEDULED insulin dose
12.1-16 mmol/L	Give 2 units	in addition to SCHEDULED insulin dose
16.1-18 mmol/L	Give 3 units	in addition to SCHEDULED insulin dose
18.1-20 mmol/L	Give 4 units	in addition to SCHEDULED insulin dose
above 20 mmol/L	Contact MRP for orders	

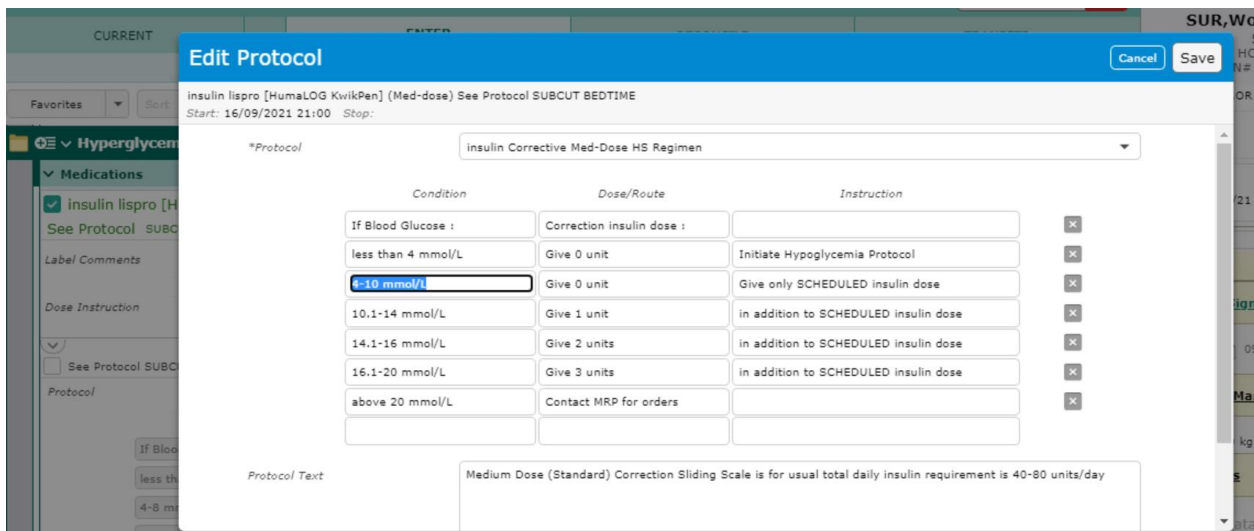
Protocol Text: Low Dose (Insulin-Sensitive) Correction Sliding Scale is for usual total daily insulin requirement is less than 40 units/day

Notify MRP if BG is above 20 mmol/L,

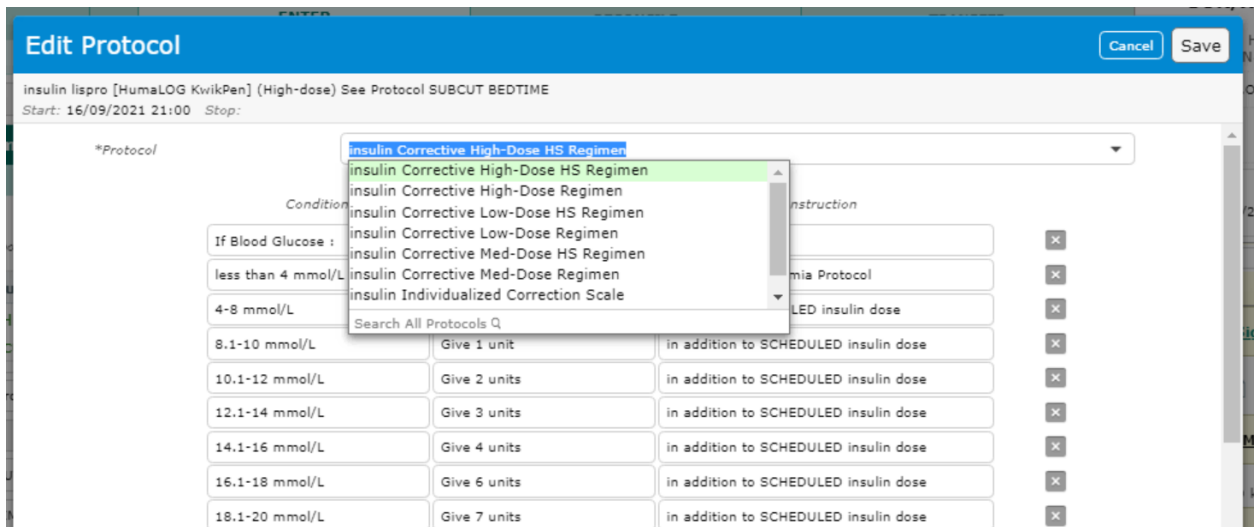
As the regimen has standard conditions, doses, and administration instructions, **it is advice not to edit it.** However, If the regiment needs to be adjusted, you must select the order first.



On the selected order, the regimen has been defaulted. Select the **P** to open the scale and hover over the item that needs to be edited.



Selection of the appropriate regimen can also be done by clicking on the “Protocol” drop down menu. It will display all the different standardized regimens available in the system.



There is also an **Insulin Individualized Correction Scale** if customization on the conditions, dose and instructions is required.

If more fields are need, click Enter on the last completed field and it will add more fields. To remove unnecessary fields, click on the X button.

Additional to the Hyperglycemia Management options, the **Hypoglycemia protocol** has been added within the same set. Once it is selected, it will reflex the orders for the treatment of the hypoglycemia episode. All orders are preselected to avoid errors and, are part of the Protocol that contains specific instructions for the nurses to follow in case of a hypoglycemic event.

To see the content of the Protocol, click on the P and it will display the full document. This is a non-editable document.

Laboratory, Consults and Referrals orders have been also added to the Hyperglycemia Management Order set at the bottom for a quick selection when needed.