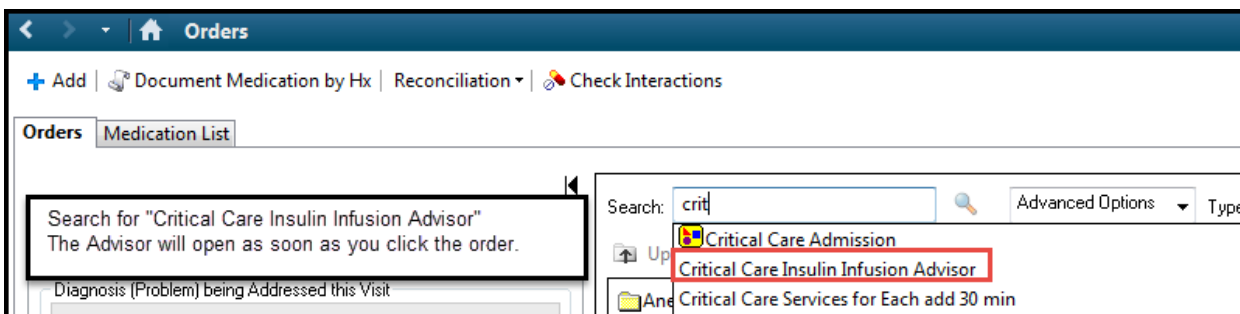


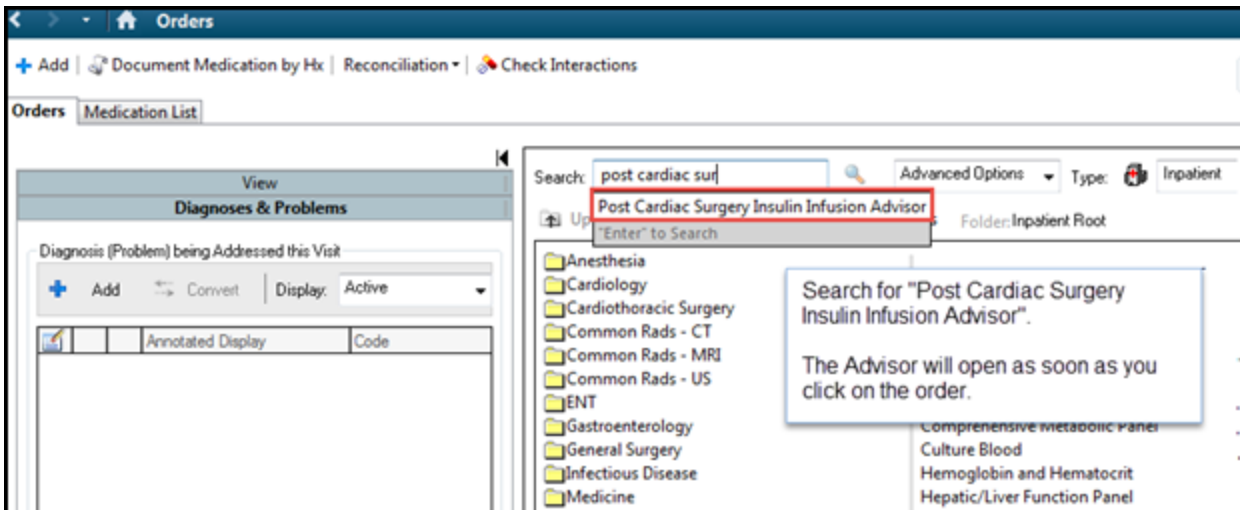
The Post Cardiac Insulin Infusion Advisor and Critical Care Insulin Infusion Advisor are tools that should be used in managing glucose control through the administration of an insulin drip for any post cardiac surgery patient and critical care patient. They review documentation as well as lab results to recommend the appropriate action to nursing staff so that patients maintain an acceptable glucose level. The advisor will also account for mealtime dosing of supplemental insulin with subcutaneous orders and is recommended to run for a course of 48 hours.

How to Initiate the Insulin Infusion Advisor

Order Critical Care Advisor

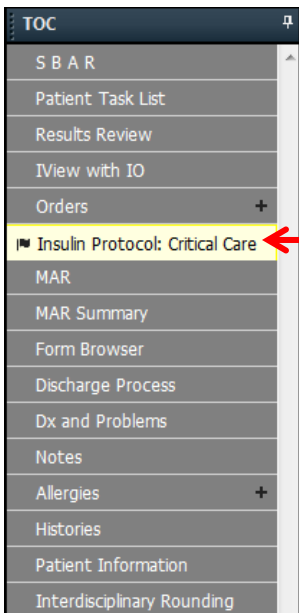


Order Post Cardiac Surgery Advisor



Address Questions

Workflow for Using the Insulin Infusion Advisor



- When the clinician logs into PowerChart or refreshes the screen the protocol displays in the TOC (Table of Contents).
- When a new blood glucose is resulted, the protocol tab turns yellow with a flag.
- Click the tab to open the Advisor.
- Verify the information displayed is the correct current information.
- The Advisor will display the recommended action to take based upon the information and the ordered track.
- Check the box next to any needed new orders and click sign to place the order.

Critical Care Insulin Infusion Protocol Advisor

KHAN, TEST DOB: 12/20/1990 (24 Years) Visit Type: Inpatient
 EMR: DHL2354253 Sex: Male Location: DHL MED1 0149-A
 FIN: DHL000000654984 Attending: CERNER

Insulin Management

Glucose (current) 150 mg/dL 08/07 08:14 Glucose (previous 1 hour) 254 mg/dL 08/06 14:43 (1051 minutes prior)

Insulin Rate 2 units/hr 08/07 07:50

Fingerstick q1H Interval

Table of Contents:

- Insulin Protocol: Critical Care
- Notes
- Allergies
- Histories
- Patient Information

Table of Glucose Results:

Glucose (current)	Glucose (previous 1 hour)
150 mg/dL 08/07 08:14	254 mg/dL 08/06 14:43 (1051 minutes prior)

If the information is **NOT** correct in the current information section, staff must exit the advisor and update the Insulin drip rate in IView – IV Titrations (Vitals Quick View band) and dock the Glucometer to send the updated results to the chart.

Post Cardiac Surgery Insulin Infusion Protocol Advisor

ZZZTEST, CABG DOB: 01/01/1970 (45 Years) Visit Type: Inpatient
 EMR: STM000555 27065981 Sex: Male Location: STM ICU 353-A
 FIN: STM0000000000555 37746326 Attending: Hanna MD, Ehab

Insulin Management

Glucose (current) 180 mg/dL 08/10 15:23

Insulin Rate 5 units/hr 08/07 12:06

Meal

Glucose (previous 1 hour)

- 180 mg/dL 08/07 13:05 (4458 minutes prior)
- 200 mg/dL 08/07 13:02 (4461 minutes prior)
- 200 mg/dL 08/07 13:02 (4461 minutes prior)

Fingerstick q1H Interval

Patient Data

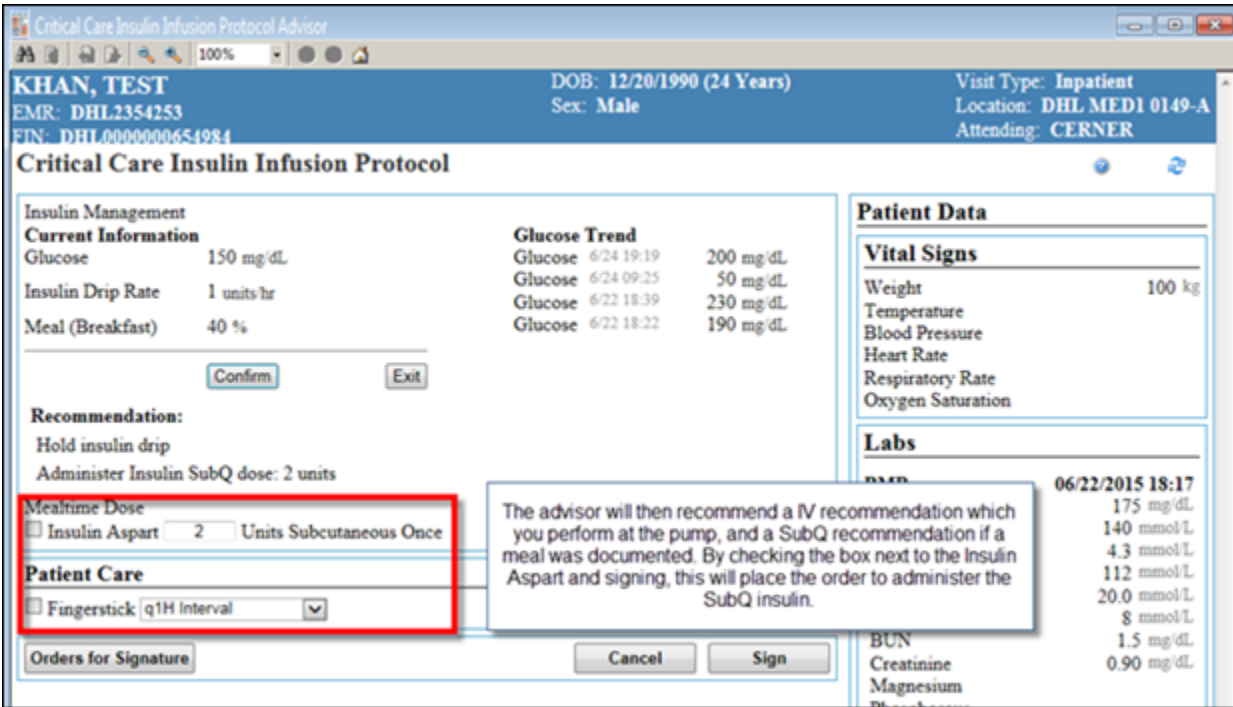
Vital Signs

- Weight 100 kg
- Temperature 38 DegC
- Blood Pressure 145 / 80 mmHg
- Heart Rate 76 bpm
- Respiratory Rate 18 br/min
- Oxygen Saturation 93 %

Labs

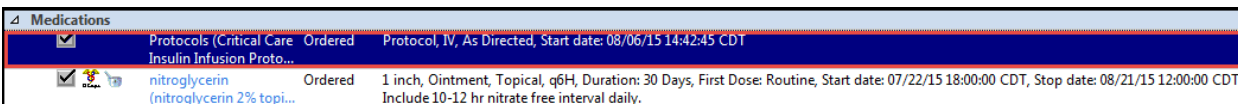
- BMP 08/06/2015 10:19
- Glucose 350 mg/dL
- Sodium 142 mmol/L
- Potassium 4.0 mmol/L
- Chloride 108 mmol/L
- CO2 24 mmol/L
- Anion Gap 10
- BUN 16 mg/dL
- Creatinine 1.40 mg/dL
- Magnesium 2.0 mg/dL
- Phosphorous 2.0 mg/dL
- Lactic Acid
- Magnesium 2.0 mg/dL
- Phosphorous
- ABG
- VBG
- Lactate

If there are multiple glucoses resulted within the hour time frame, the advisor will not default a selection of the previous glucose, as you can see here. The nurse must select which glucose they would like the advisor to evaluate in order to activate the confirm button.



How to Discontinue Insulin Infusion Advisor

Along with discontinuing IV insulin infusion, it is recommended that you also discontinue the Insulin Infusion Protocol. This order can be found under the medications category.



*This order does not require pharmacy verification

1. Find the protocol order under Medications.
2. Right-click
3. Select Cancel/Discontinue from the options shown.
4. Enter the reason for discontinuing the protocol, if appropriate.
5. Click Orders for Signature
6. Click Sign.