



Clinical IS Job Aid



Topic: IV Order Placement – Core Diabetes Application (CDA)

Effective Date
Rolling Go-Live

Facility: IU Health Inpatient

Contact

IU Health Help Desk
helpdesk@iuhealth.org

Audience: Providers and APPs – Ordering

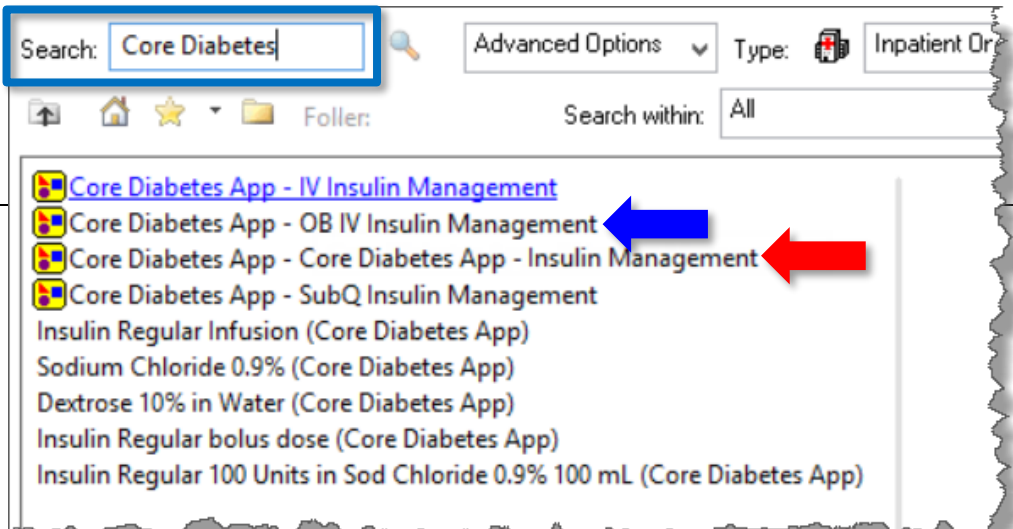
What: Core Diabetes Application (CDA) is a Cerner-Integrated Insulin-Management solution that will soon replace the GlucoStabilizer.

Why: CDA will replace the outdated GlucoStabilizer system and standardize insulin management practice among the IUH system.

Introduction

Core Diabetes Application (CDA) is a Cerner-Integrated Insulin-Management solution that will soon replace the GlucoStabilizer. CDA will offer workflows for IV Insulin-Management, Subcutaneous Insulin-Management, and separate OB versions of both. CDA will be initiated with the ordering of a Cerner PowerPlan. This document will walk you through ordering of the CDA IV PowerPlan and some of the changes made from the GlucoStabilizer PowerPlan.

The IV Core Diabetes App PowerPlan can be ordered from the Orders page in Cerner.

Step	Action
2	Click the + Add button on the Orders band (<i>located on the Cerner Table of Contents – ToC</i>).
3	Search for “ Core Diabetes. ” <i>Four (4) different PowerPlans are returned.</i> 
4	Select the applicable PowerPlan: If the patient IS NOT pregnant <ol style="list-style-type: none"> Select the Core Diabetes App- IV Insulin Management PowerPlan. If the patient IS pregnant <ol style="list-style-type: none"> Select the Core Diabetes App- OB IV Insulin Management PowerPlan.

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Step	Action
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3 continued	<i>The selected PowerPlan will be available for selection of appropriate orders. Many of the patient care orders will be preselected but are able to be unselected if not appropriate.</i>
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Core Diabetes App - IV Insulin Management (Planned Pending)

Order Sets

This order set is NOT intended for use in treatment of DKA/HHS. Please use DKA/HHS Inpatient or ED Resuscitation power plans

Patient Care

- Reference: How Insulin and Dextrose 50% are calculated in the Core Diabetes App
- PROVIDER must discontinue all previous insulin orders and oral diabetic medication orders:
- Medication Message to Nursing Routine Make sure that all previous insulin orders and oral diabetic medicatio...
- Precautions:
- Message to Nursing If the Core Diabetes App is not available for calculations, use the Core...

Continuous Infusions

- Default Carbohydrate Ratio: 1 unit Insulin Regular per 10 grams carbohydrates consumed.

If NOT using the default carbohydrate ratio of 1 unit per 10 grams carbohydrates consumed, change the carbohydrate ratio in the discrete field on the Insulin Regular infusion bolus dose order.

Details

Dx Table Orders For Signature Save as My Favorite Plan for Later Initiate Now

4	Advance through the long-acting insulin portion.
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5	Select an option for rapid acting insulin.
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Orders Medication List

Reconciliation Status: Meds History Admission Discharge

Component	Status	Dose ...	Details
Insulin Regular Infusion (Core Diabetes App)			100 mL, IV, TITRATE - Per Core Diabetes App, BG Target LOW = 100, BG Target HIGH = 150, IV Sensitivity = 0.02 *Prime new tubing with insulin solution and then accurately WASTE an additional 20 mL before connecting to pati...
Core Diabetes App: ALTERNATIVE Initial IV Sensitivity = 0.01 Consider for Type 1 Diabetes and Renal Failure			
STAT Order: Insulin Regular Infusion (Core Diabetes App)			100 mL, IV, STAT, TITRATE - Per Core Diabetes App, BG Target LOW = 100, BG Target HIGH = 150, IV Sensitivity = 0... *Prime new tubing with insulin solution and then accurately WASTE an additional 20 mL before connecting to pati...
Routine Order: Insulin Regular Infusion (Core Diabetes App)			100 mL, IV, TITRATE - Per Core Diabetes App, BG Target LOW = 100, BG Target HIGH = 150, IV Sensitivity = 0.01 *Prime new tubing with insulin solution and then accurately WASTE an additional 20 mL before connecting to pati...
Insulin - Complete Custom Targets			
Core Diabetes App: Initial IV Sensitivity = 0.02			
STAT Order - Custom Targets: Insulin Regular Infusion (Core Diabetes App)			100 mL, IV, STAT, TITRATE - Per Core Diabetes App, IV Sensitivity = 0.02 *Prime new tubing with insulin solution and then accurately WASTE an additional 20 mL before connecting to pati...
Routine Order - Custom Targets: Insulin Regular Infusion (Core Diabetes App)			

Details

Dx Table Orders For Signature Save as My Favorite Plan for Later **Initiate Now**

a.	<p>Required: Select one of the Insulin Regular Infusion orders from the list.</p> <p><i>Selections should be made based on Appropriate IV Sensitivity (formerly known as “Multiplier”) and Blood Glucose Targets.</i></p>
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6	Finish selecting needed orders.
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7	Click the Initiate Now button.
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Step

Action

8 Click the **Orders for Signature** button.

The screenshot displays a software interface for managing medical orders. At the top, there is a table with columns for Order Name, Status, Start, and Details. Below this, a 'Medications' section is expanded to show a specific order: 'Insulin Regular infusion bolus dose (Insulin Re...'. The details for this order are shown in a separate window, including fields for Duration, Stop Type, and Carb Ratio (set to 15). At the bottom of the interface, there are three buttons: '0 Missing Required Details', 'Dx Table', and 'Orders For Signature', which is highlighted with a blue rectangular box.

- All selected orders will appear for review and customization.
- If desired, discreet fields may be changed by clicking the Details section (order details).

9 Make any needed changes.

10 Click the **Sign** button.