# CARE4 MODULE NAME: OM (Order Management) Ordering Adult Critical Care DKA Order Sets

#### **Overview**

This document provides instructions on how to enter Adult Critical Care DKA Order Sets using the OM Module in Web Acute.

#### Selecting the Order Set

Orders			SUBMIT 0				
CURRENT	ENTER	RECONCILE	TRANSFER				
	Add New	Process Orders					
Favorites   Sort  Q crit dka			Filter: All 🔹 Pt.Age 🗹 Wt. 📃				
CRIT DKA Maintenance IV Fluids	There are two sets available for adult DKA management:						
	<ol> <li>CRIT DKA/H</li> <li>➢ Con</li> <li>IV fl</li> <li>2. CRIT DKA M</li> <li>➢ Con</li> <li>has</li> <li>repl</li> <li>chai</li> </ol>	<ol> <li>CRIT DKA/HHS (Initiation)</li> <li>Contains patient care, laboratory, medications, and initial IV fluids orderables</li> <li>CRIT DKA Maintenance IV Fluids</li> <li>Contains IV fluid options to be ordered AFTER treatment has been initiated and the patient either needs additional replacement fluids, or their sodium results require a change in IV fluids.</li> </ol>					

## **Initial IV Fluid Selection**





#### **IV Fluid Selection (Maintenance)**

The selection of the clinical protocol enables nursing staff to carry out the appropriate patient care activities as outlined within the protocol. The Protocol can be viewed by clicking on the grey "P" button. It also contains an algorithm that can assist in base fluid selection.

❶ ♥ CRIT DKA/HHS (Initia	ation) 🛃 🚹		Next Req Field	>	Clear All	Deselect	*
✓ IV Solutions							
Protocol CC DKA/HHS IV F	luids & Insulin						
As Per Protocol	•	* New	0	6/09/2021	14:42		
*Please choose the base fluid :	0.45% Normal Saline Normal Saline		It is require	d to cł	noose the ba	se fluid to be u	used
			Protocol. Once	chose	n, the appro Reflexed on	priate IV Fluid to set.	orde



Click on "RATE" to enter it.

#### Insulin: Loading Dose





● CRIT DKA/HHS ()	Initiation) 🛨 🛨	Next Req Field	> [	Clear All	Deselect	*
✓ IV Solutions					<b>(</b>	
Insulin: Loading Dose						
> insulin human regular [HumuLIN R ; NovoLIN ge Toronto] Similar Order Selected						
✓ insulin human regula 4.1 unit IV ONCE ONE	r [HumuLIN R ; NovoLIN ge Toronto]	06/09/2021 13:53		06/09/2021 13:54	New	
=0.05 unit/kg/DOSE (Age: 18+, DKA loading)						
Label Comments	Give when K+ is greater than 3.3 mmol/L					

# Insulin: Continuous Infusion

€ ∨ CRIT DKA/HHS (Initiation	) 🗹 🗗	Next Req Field	$\rightarrow$	Clear All	Deselect	*
✓ IV Solutions						
Insulin: Titration A						
START when serum potassium is greater than 3.3 mmol/L						
STOP Titration A protocol when BG is less than or equal to 10 mmol/L						
INITIATE Titration B protocol at 50% of the final Titration A rate						
✓ insulin (regular) infusion 1 unit/mL						
insulin human regular [HumuLIN R ; NovoLIN ge Toronto] 100 unit IV TITR SCH P F F F F F F F F F F F F F F F F F F		06/09/2021 14:0	0		New	
Label Comments This is for the "Titration A" portion of the DKA/HHS protocol.						
Only START when potassium is greater than 3.3 mmol/L STOP when blood glucose is less than or equal to 10 mmol/L (Stop Medication Order)						

There are two pre-selected orders for continuous infusion insulin titrations. Titration A is an initial infusion of insulin, to be followed by Titration B once certain targets are met as per the Clinical Protocol.

## Detailed protocols can be viewed by selecting the grey "P" button.

Insulin: Titration B									
STOP Intration A protocol when BG is less than or equal to 10 mmol/L									
INITIATE Titration B protocol at 50% of the final Tit	INITIATE Titration B protocol at 50% of the final Titration A rate								
Follow Titration B Protocol to target blood glucose 1	Follow Titration B Protocol to target blood glucose 10 to 14 mmol/L								
Continue IV maintenance fluid as ordered with pota	assium replacement								
∨ insulin (regular) infusion 1 unit/mL									
winsulin human regular [HumuLIN R ; №	NovoLIN ge Toronto] 100 unit IV TITR SCH 🖻 🕕 🐻	06/09/2021 14:30		New					
sodium chloride 0.9 % [NaCl 0.9%] IV	TITR Per Protocol unit/kg/hr								
Label Comments	Del Comments         This is for the "Titration B" portion of the DKA/HHS protocol.           Give when K = is greater than 3.3 mmol/L         START When blood glucose is less than or equal to 10 mmol/L on Titration A (stop titration A protocol)								
$\checkmark$									
✓ dextrose 50% in water [D50w] Similar Or	der Selected								
dextrose 50% in water [D50w] 12.5 g	IV PROTOCOL PRN 🕕 🔳 🛕	06/09/2021 13:53		New					
Label Comments This is for the "Titration B" portion of the DKA/HHS protocol. Start if on insulin infusion B AND blood glucose is between 4 and 9.9 mmol/L									
Dose Instruction				•					
✓ insulin human regular [HumuLIN R ; NovoLIN ge Toronto] Similar Order Selected									
insulin human regular [HumuLIN R ; No	ovoLIN ge Toronto] 6 unit IV PROTOCOL PRN 🚺 📓	06/09/2021 13:53		New					
Label Comments	This is for the "Titration B" portion of the DKA/HHS protocol. Start if on insulin infusion B AND blood glucose is greater than 16 mmol/l	L							



## Additions/Changes to Maintenance IV Fluids



