**ICU DKA/HHS IV Fluids Version 2 4/16/15**

Recommended for patient Age > 18 years old

**IV Fluids RATE**

 Recommended 2 Bag Total Fluid rate following initial fluid bolus: 250-500 mL/hr until glucose is less than 250 mg/dL followed by 150-250 mL/hr May be adjusted for patient hydration status \*exclude insulin rate from total fluid rate\*

 2 Bag Total IV Fluid Rate: \_\_\_\_\_\_\_\_\_\_ milliliter/hour

**2 bag Fluids -Select one 2 bag combination**

 Corrected Sodium = Measured Na + [(Serum glucose as mg/dL - 100)/100] X 1.6

 ***For corrected sodium greater than or equal to 135 mEq/L and potassium less than or equal to***

***5.1 mEq/L Select both***

 Sodium Chloride 0.45% IV with 20 mEq/L KCl; BAG 1

 \_\_\_\_\_\_\_ milliliter/hour continuous intravenous infusion Begin following initial fluid bolus Titrate per two-bag system calculator; Coincide with insulin infusion

 Dextrose 10% and 0.45% Sodium Chloride IV with 20 mEq/L KCl; BAG 2

 \_\_\_\_\_\_ milliliter/hour continuous intravenous infusion Begin when Blood Glucose is less than 300 mg/dL and titrate per two-bag system calculator; Coincide with insulin infusion

 ***For corrected sodium greater than or equal to 135 mEq/L and potassium greater than 5.1 mEq/L***

 ***Select both***

 Sodium Chloride 0.45% IV BAG 1

 \_\_\_\_\_\_\_ milliliter/hour continuous intravenous infusion Begin following initial fluid bolus Titrate per two-bag system calculator; Coincide with insulin infusion

 Dextrose 10% and 0.45% Sodium Chloride IV BAG 2

 \_\_\_\_\_\_ milliliter/hour continuous intravenous infusion Begin when Blood Glucose is less than 300 mg/dL and titrate per two-bag system calculator; Coincide with insulin infusion

 ***For corrected sodium less than 135 mEq/L and potassium less than or equal to 5.1 mEq/L Select both***

 Sodium Chloride 0.9% with 20 mEq/L of KCl BAG 1

 \_\_\_\_\_ milliliter/hour continuous intravenous infusion Begin following initial fluid bolus Titrate per two-bag system calculator; Coincide with insulin infusion

 Dextrose 10% and 0.9% Sodium Chloride IV with 20 mEg/L KCl BAG 2

 \_\_\_\_ milliliter/hour continuous intravenous infusion Begin when Blood Glucose is less than 300 mg/dL and titrate per two-bag system calculator; Coincide with insulin infusion

 ***For corrected sodium less than 135 mEq/L and potassium greater than 5.1 mEq/L Select both***

 Sodium Chloride 0.9% BAG 1

 \_\_\_ milliliter/hour continuous intravenous infusion Begin following initial fluid bolus Titrate per two-bag system calculator; Coincide with insulin infusion

 Dextrose 10% and 0.9% Sodium Chloride IV BAG 2

 \_\_\_\_ milliliter/hour continuous intravenous infusion Begin when Blood Glucose is less than 300 mg/dL and titrate per two-bag system calculator; Coincide with insulin infusion