**ICU DKA/HHS Hypoglycemia Protocol Version 2 4/16/15**

**General**

 After provider order for initiation of a protocol, nursing may place orders found within the protocol using the Policy/Protocol - No Esign Req order source.

 Recommended for patient Age > 18 years old

**Nursing Orders**

 Point of Care Capillary Blood Glucose: every 30 minutes until capillary blood glucose is greater than or equal to 125 mg/dL, then resume hourly blood glucose measurements

  If blood glucose remains less than 100 mg/dL for 2 hours after the start of the Dextrose 12.5% infusion decrease insulin infusion to 0.05 unit/kilogram per hour.

 Notify provider: If blood glucose remains less than 100 mg/dL for 2 hours after the start of the Dextrose 12.5% and insulin already infusing at 0.05 unit/kilogram per hour

 Notify provider: if capillary blood glucose less than 60 mg/dL and Dextrose 12.5% already infusing

**Hypoglycemia IV Fluid**

 Select and order the fluid with Dextrose 12.5% that matches the current BAG 2 infusing when blood glucose in less than 125 mg/dL Do not begin infusing until blood glucose is less than or equal to 100 mg/dL

 Dextrose 12.5% and 0.45% Sodium Chloride IV with 20 mEq/L KCl; LOW BLOOD GLUCOSE BAG

 \_\_\_\_\_\_\_ milliliter/hour continuous intravenous infusion Begin only if blood glucose falls to less than 100 mg/dL. Stop two bag system and infuse at current total fluid rate; continue to infuse with insulin infusion

 Dextrose 12.5% and 0.45% Sodium Chloride IV ; LOW BLOOD GLUCOSE BAG

 \_\_\_\_\_ milliliter/hour continuous intravenous infusion Begin only if blood glucose falls to less than 100 mg/dL. Stop two bag system and infuse at current total fluid rate; continue to infuse with insulin infusion

 Dextrose 12.5% and 0.9% Sodium Chloride IV with 20 mEg/L KCl LOW BLOOD GLUCOSE BAG

 \_\_\_\_ milliliter/hour continuous intravenous infusion Begin only if blood glucose falls to less than 100 mg/dL. Stop two bag system and infuse at current total fluid rate; continue to infuse with insulin infusion

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