

**OB DM IN LABOR – SS**

OB Diabetic Management in Labor – SS

**NURSING**

- Blood glucose monitoring (BGM) on admission.
- Notify Physician if glucose >100 mg/dL or <70 mg/dL

**\*\* Blood Glucose Monitoring orders for patients requiring Insulin Infusion - Select Only One**

- Blood Glucose Monitoring (BGM) Q 1 Hr while in labor and while on insulin infusion.
- Blood Glucose Monitoring (BGM) Q 2 Hrs while in labor and while on insulin infusion.

**\*\* Blood Glucose Monitoring orders for pts NOT on Insulin Infusion - Select Only One**

- Blood Glucose Monitoring (BGM) Q 2 Hrs while in labor, and for pts not on insulin infusion.
- Blood Glucose Monitoring (BGM) Q 4 Hrs while in labor, and for pts not on insulin infusion.

**IV FLUIDS**

- Sodium Chloride 0.9% IV to run at 125 mL/Hr as mainline. Decrease to 25 mL/Hr if D5% / 0.45% Sodium Chloride started. May continue Oxytocin bag (if ordered).
- Dextrose 5% / 0.45% Sodium Chloride IV to run at 100 mL/Hr as secondary line Prn BGM < 80 while on insulin infusion. Notify MD when started. RN to contact Pharmacy to decrease mainline IV NS to 25 mL/Hr AND change this order from Prn to scheduled when this IV fluid is stated. May continue Oxytocin bag (if ordered).  
**(Total IV fluid (not including Oxytocin) = 125 mL/Hr)**

**MEDICATIONS**

Endocrine medications: Insulin infusion

- Start Regular Insulin drip 100 units/100 mL NS (final conc. is 1 unit/mL) at the appropriate rate.

Algorithm 1: Start here for type 2 diabetes or gestational diabetes (GDM).

Algorithm 2: Start here for type 1 diabetes.

**Rate Adjustments: Insulin Infusion**

- Move up to the next higher algorithm if the BG concentration is > 100 and does not change by at least 20 mg/dL within 1 Hr on the current algorithm.
- Move down an algorithm when BG is < 90 x 2.

| BGM     | Insulin Algorithm 1               | Insulin Algorithm 2               |
|---------|-----------------------------------|-----------------------------------|
| < 70    | Stop infusion and notify MD       | Stop infusion and notify MD       |
| 70-90   | Stop infusion                     | 0.5 Units/Hr                      |
| 91-110  | Stop infusion                     | 1 Units/Hr                        |
| 111-130 | 1 Units/Hr                        | 2 Units/Hr                        |
| 131-150 | 2 Units/Hr                        | 3 Units/Hr                        |
| 151-170 | 3 Units/Hr                        | 4 Units/Hr                        |
| 171-190 | 4 Units/Hr                        | 5 Units/Hr                        |
| > 190   | Check urine ketones and notify MD | Check urine ketones and notify MD |

Endocrine medications: Hypoglycemia Orders

- Dextrose 50% 25 mL IV Push Prn BG 50-69 mg/dL and notify MD.
- Dextrose 50% 50 mL IV Push Prn BG < 50 mg/dL and notify MD.

Other medications: \_\_\_\_\_

**NURSING – OB Recovery**

- Blood Glucose Monitoring (BGM) x 1 in recovery room within first Hr of recovery. Notify MD If Glucose > 100 mg/dL or < 70 mg/dL.