

**SOMC INTRAVENOUS INSULIN INFUSION**

**1. FINGERSTICK MONITORING: FINGERSTICK TARGET = 70 - 150 MG/DL.**

- a. INITIATION: FS = 30 min prior to initiation & hourly until in target range x 2 hrs. then every 2 hrs while FS in target range.
- b. Resume hourly FS with any changes in insulin drip rate. When in target range x 2 hours, resume FS every 2 hours.
- c. S/S of HYPO-OR HYPERGLYCEMIA or CHANGE IN LEVEL OF CONSCIOUSNESS: Measure FS. Treat FS <70 mg/dl per Algorithm for hypoglycemia for insulin drip.

**2. IV SOLUTION:**

- IV Solution: \_\_\_\_\_ at \_\_\_\_\_ ml/hr x \_\_\_\_\_ liter(s) then decrease rate to \_\_\_\_\_ ml/hr.
- When FS < 250mg/dl and patient has no source of carbohydrates add D5W @ \_\_\_\_\_ ml/hr, discontinue when po intake started.

**3. INSULIN INFUSION:**

- a. Pharmacy to prepare 250 units of Regular Insulin in 250 ml of NSS.
- b. Discontinue all previous oral diabetes medication and insulin orders.
- c. INSULIN INFUSION: Begin based on FS and titrate according to scale indicated below.

<input type="checkbox"/> STANDARD SCALE	FINGERSTICK Target = 70 - 150 mg/dl.	<input type="checkbox"/> CUSTOM SCALE
HOLD DRIP & TREAT PER ALGORITHM	<b>= 70</b>	HOLD DRIP & TREAT PER ALGORITHM
1 ml/hr.	<b>71 - 89</b>	ml/hr
1 ml/hr.	<b>90 - 120</b>	ml/hr
2 ml/hr.	<b>121 - 150</b>	ml/hr
3 ml/hr.	151 - 180	ml/hr
4 ml/hr.	181 - 210	ml/hr
5 ml/hr.	211 - 250	ml/hr
<b>NOTIFY PHYSICIAN when FS - 250 mg/dl. if the patient has no source of carbohydrate intake.</b>		
6 units/hr.	251 - 300	ml/hr
7 units/hr.	301 - 350	ml/hr
8 units/hr.	351 - 400	ml/hr
9 units/hr.	≥ 401	ml/hr

4. Give patient \_\_\_\_\_ units Regular Insulin IVP 20 minutes after each meal. Hold if patient is NPO.

5.  Consult Dr. Deeb.

Date/Time \_\_\_\_\_

\_\_\_\_\_  
Physician Signature

Reviewed & Approved Medical Staff 12/05

06/20/06

USE BALL POINT PEN ONLY

DOB:

*Very* Good things are happening here  
Southern Ohio Medical Center



**Doctor's Orders**



**SOMC ALGORITHM FOR HYPOGLYCEMIA FOR INSULIN DRIP INFUSION**  
**TREATMENT FOR HYPOGLYCEMIA: FS less than 70 mg/dl**

