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**Physician must provide information on items 1 and 3 before protocol initiated.**

Goal: Aim for blood glucose in the 80-110 mg/dL range.

1. Discontinue all SQ insulin and/or oral hypoglycemic agents.  
Indicate meds to be discontinued: \_\_\_\_\_
2. Obtain initial blood glucose (Accucheck).
3. If Accucheck is higher than 150 mg/dL, give regular insulin IV bolus first, then start insulin infusion per #4.

**MD: Check one box to indicate whether patient sensitive or resistant.**

Blood glucose (mg/dL)	<input type="checkbox"/> Insulin- <b>SENSITIVE</b> patients Units of regular insulin:	<input type="checkbox"/> Insulin- <b>RESISTANT</b> patients Units of regular insulin:
150 - 200	1	2
201 - 250	2	4
251 - 300	3	6
301 - 350	4	8
>350	5	10

4. Mix insulin infusion using 1 unit of regular insulin per cc of Normal Saline.
5. Flush 20 ml of the solution through the line before connecting the line to the patient.
6. Start insulin infusion at:  0.02 units/Kg/hour or  \_\_\_\_\_ units/hour.
7. Check Accucheck every 2 hours or as instructed.
8. During initial infusion only, if high blood glucose decreases rapidly to 120 mg/dL, decrease the infusion rate by 30% (multiply current rate by 0.7) and repeat blood glucose in 30 min and then as needed until in normal range. From then on, follow the infusion rate guidelines below:

If Accucheck is:

> 300 mg/dL	increase infusion rate by 1.5 units/hour
241 - 300 mg/dL	increase infusion rate by 1 unit/hour
181 - 240 mg/dL	increase infusion rate by 0.5 units/hour
121 - 180 mg/dL	increase infusion by 0.3 units/hour
80 - 120 mg/dL	no change (except at initial phase; see comment above)
60 - 79 mg/dL	Discontinue insulin infusion, check blood glucose in 30 minutes and restart the insulin infusion when glucose is higher than 90 mg/dL but <b>decrease rate by 0.3 units/hour from previous rate</b> . Continue to <b>check blood glucose q 30 minutes</b> until > 80.

Less than 60 mg/dL      Discontinue insulin infusion, administer 50 mL of D50. Recheck blood glucose in 30 minutes & restart insulin infusion when glucose higher than 90 mg/dL but **decrease rate by 0.6 units/hour from previous rate**. Continue to **check blood glucose q 30 minutes** until > 80.

9. Call MD if blood glucose falls by more than 200 mg/dL in two hours, if it falls below 60 mg/dL at any time, or if more than two consecutive values are greater than 200 mg/dL.
10. Give other IV fluids, medications, and blood products through a separate IV line.

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- 11. Serum potassium every 24 hours.
- 12. Call MD to request new insulin orders if tube feedings on hold or dextrose discontinued.

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RN's Printed Name	RN's Signature	Date / Time
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Physician's Printed Name	Physician's Signature	Date / Time
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