## **Example Calculations**

## Glucommander Intravenous Insulin Downtime Form (for version 3.5 and later) Patient Sticker

_	tain Target		-		<u>)-160</u>		mg/dl			
Step 2: Obta		ultiplie	er <u>0.02</u>	<u>25</u>						
🔩 RAINYDAY, ADUI	LTIMU				Transitio	n to SubQ	Discontinue IV Print Lock Screen			
HEIGHT: WEH 154.9 cm 81.61 BMT: AIC: 34 FACILITY: UVHE UNIT: 4 WEST T multiplier is formula: Last insu	s <u>unknowr</u> ulin rate (u	et range 20-1 <u>n</u> , calc	60 culate r nr) ÷ (La _ ÷ (_	ast E	vier Last Dier by BG value	e – 6 60)	59:31 Enter BG void BG bg the following 60) = multiplier ) = r in flowsheet below		<ul> <li>With each BG che</li> <li>If BG is above previous multi</li> <li>If BG is within multiplier.</li> <li>If BG is below previous multi</li> </ul>	lucose (BG) every hour eck, adjust multiplier: target range, multiply plier (PM) by 1.1 target range, no change in target range, multiply plier (PM) by 0.9 e rounded to 3 decimal 48 would round to 0.075)
acility meters for <b>Glucose</b>	er max valu e Meter Ma	ax/Mii	n value				ım value <u>10</u> er max/min value as			
-	er max valu e Meter Ma	ax/Mii	n value						New rate (units/hr)	Signature
acility meter for <b>Glucose</b> he BG in the	er max valu Meter Ma e calculatio	ax/Mii	n value: Iow.	s, u		nete	er max/min value as (PM X Adjustment = New Multiplier)	-		Signature
acility mete or <b>Glucose</b> ne BG in the <b>Time</b>	er max valu Meter Ma calculatio <b>BG</b>	ax/Mii	n value: low. 60	s, us =	se the n	x X X	r max/min value as (PM X Adjustment = New Multiplier) New Multiplier (PM) 0.025 x (adjustment) 1.1 = 0.0275		(units/hr) (BG - 60) 105 x 0.028 (NM)	Signature
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ECO # 0030-F

## Once Glucommander resumes, edit the multiplier in Glucommander to the last multiplier used on this form.

## For BG < 70 mg/dl:

- Stop insulin infusion
- Administer D50W according to the table, 15 grams of carbohydrate or 1mg Glucagon IM
- Recheck BG in 15 minutes
- For BG recheck results:
  - BG >80 mg/dl: Multiply previous multiplier (PM) by 0.9, calculate new insulin rate. Resume insulin infusion and hourly BG monitoring
  - BG 70-80 mg/dl: Insulin infusion remains off. Recheck BG in 15 minutes.
  - BG <70 mg/dl: Repeat hypoglycemia treatment and notify provider.

BG (mg/dl)	D50W		
60-69	15 ml IV push		
50-59	20 ml IV push		
30-49	25 ml IV push		
<30	30 ml IV push		

Time	BG	Hypoglycemia Treatment (carbohydrate, ml D50 or Glucagon)	Signature