

# Sliding Scale Insulin Protocol (SSI)

(meal-time bolus insulin with basal insulin coverage)

1. DISCONTINUE ALL PREVIOUS INSULIN ORDERS
2. Sliding scale bolus Aspart (Novolog) insulin *to be given with first bite of meal*
3. Check desired insulin regimen:     Low Dose                     Mid Dose                     High Dose

Low dose will be used unless a specific regimen is selected  
 \*MD reassess basal insulin (Lantus) dosing **DAILY!**

**3A. LANTUS TO BE GIVEN DAILY AT 2100**

Lantus	10 units	15 units	20 units or _____ units
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\*If fasting or mean glucose is > 140 increase Lantus by 15%; if patient has BS < 80 decrease Lantus by 15 %

**ASPART INSULIN TO BE GIVEN WITH FIRST BITE OF MEAL**

Blood glucose values (mg/dL)	Low Dose (wt < 60kg)	Mid Dose (wt 60-90kg)	High Dose (wt >90kg)
< 80	Hypoglycemia Protocol	Hypoglycemia Protocol	Hypoglycemia Protocol
81-100	0 units	3 units	4 units
101-140	2 units	4 units	5 units
141-180	3 units	5 units	6 units
181-220	4 units	6 units	8 units
221-260	6 units	8 units	10 units
261-300	8 units	10 units	12 units
301-350	10 units	12 units	14 units
351-400	12 units	16 units	18 units
> 400	14 units & call MD	18 units & call MD	20 units & call MD

3C. Hold mealtime Aspart (Novolog) insulin if: Pt is NPO with a blood sugar of less than 140, OR on clear liquids, OR not eating well.

4. Accuchecks to be done at pre-prandial breakfast, lunch, dinner, and HS. If pt NPO, q6hr (06,12,18,24)

5. Hypoglycemia Protocol

Blood sugar < 80	Patient is alert with or without IV access	Patient is NOT alert with IV access	Pt is NOT alert without IV access
	Give 4 oz juice or 15 grams of carbohydrates. Repeat blood sugar in 20 minutes and repeat juice/carbs until blood sugar remains >120	50ml D50 IVP & Glucagon 2mg IV or IM, NOTIFY MD, repeat blood sugar in 20 minutes, redose if blood sugar remains < 120	Glucagon 2mg IM, NOTIFY MD, once IV established give 50 ml D50 IVP, repeat blood sugar in 20 minutes, redose if blood sugar remains < 120

Physician Signature: \_\_\_\_\_ Date/Time: \_\_\_\_\_

St. Elizabeth's Hospital  
 Belleville, Illinois  
 SSI Protocol

