

The more you know...

In TogetherCare, regular insulin sliding scales for our patients receiving enteral feeds or TPNs, can only be found in the **enteral feed** order set.

1. To find the closest option to our current orders, select the Basal and Correctional insulin options highlighted

Orders

General - Enteral Feeding Management

Medications

Motility Agent

Insulin and Hypoglycemia Treatment for Enteral feeding

General Guidance on How to Estimate Total Daily Dose (TDD) of Insulin Naive Patients (oral agents at home OR hyperglycemic with no previous history of diabetes):

Select correctional scale based on TDD:

- Low dose = TDD LESS than 40 units
- Moderate dose = TDD 40 - 80 units
- High dose = TDD GREATER than 80 units

Insulin Naive Patient Criteria	Suggested Initial TDD Insulin
-Age GREATER than 70 years OR -GFR LESS than 60 mL/min OR -Actual body weight is LESS than Ideal body weight	0.2 - 0.3 units/kg/day
None of the above criteria AND glucose levels 140 - 200 mg/dL	0.3 - 0.4 units/kg/day
None of the above criteria AND average glucose ABOVE 200 mg/dL	0.4 - 0.5 units/kg/day

Principles of Hyperglycemia Management in Patients Receiving Enteral Tube Feeds

- If TDD is LESS than OR equal to 12 units per day: Then ONLY use the correctional
- If TDD is GREATER than 12 units per day: Then ½ of TDD Basal and ½ of TDD Correctional

Management of Enteral Feeding Interruption

Enteral Feeding Interruption-Dextrose Management Options

Basal and Correctional insulin options

Insulin INFUSION (140 - 180 goal range) and Hypoglycemia Treatment

2. Next, order your long acting insulin, then select “correctional insulin regular”

Basal and Correctional insulin options

Basal and Correctional insulin options - Continuous tube feeds

For patients with Type 1 Diabetes Mellitus and Type 2 Diabetes Mellitus on insulin at home:

- Basal insulin and a correctional scale should be given
- Basal insulin dose is approximately 20 - 40% of the total daily dose of insulin to avoid hypoglycemia should there be interruptions in tube feeding
- Long acting insulin alone is not appropriate for patients on continuous tube feeds

For patients not meeting above criteria, appropriate correctional scales are EITHER:

- Insulin lispro every 4 hours
- Insulin regular every 6 hours

Basal Dose - insulin glargine (LANTUS) injection

Correctional insulin regular (HumuLIN R) OR insulin lispro (HumaLOG) - SELECT ONE

Correctional insulin regular (HumuLIN R)

Correctional insulin lispro (HumaLOG)

Hypoglycemia Treatment - Adult

We do not have a Humalog option for enteral feeds at SJH because it must be given q4h to maintain adequate coverage. We do NOT recommend this option

3. Based on your patients TDD insulin requirements, select the appropriate scale

Correctional insulin regular (HumuLIN R)

POCT Glucose, blood
Routine, Every 6 hours, First occurrence today at 1411, Until Specified

Correction scale - insulin regular (HumuLIN R) injection

- Correction insulin is given in addition to prandial insulin
- If NPO, continue to give correction insulin based on blood glucose
- If on continuous tube feeds, consider adjusted dose basal insulin AND correctional dosing every six hours

Low Dose - insulin regular (HumuLIN R) injection

Moderate Dose - insulin regular (HumuLIN R) injection

High Dose - insulin regular (HumuLIN R) injection

Custom Dose - insulin regular (HumuLIN R) injection

Please note, there is no variation for the rate of tube feeds in TC. They are also considerably less aggressive than our current enteral feed scales.

Our current SJH scales, for reference

Continuous Enteral Feeding							
Supplemental Insulin Scale – Regular Insulin SQ every 6 hours while enteral feeding is running							
Category	<input type="checkbox"/> Frail		<input type="checkbox"/> Average		<input type="checkbox"/> Obese		Custom Scale
	<50 (ml/hr)	≥ 50 (ml/hr)	<50 (ml/hr)	≥ 50 (ml/hr)	<50 (ml/hr)	≥ 50 (ml/hr)	
Enteral Feed Rate							
Blood glucose (mg/dl)							
121-170	2 units	4 units	5 units	7 units	10 units	12 units	units
171-220	3 units	5 units	7 units	9 units	12 units	14 units	units
221-270	4 units	6 units	8 units	10 units	14 units	16 units	units
271-320	5 units	7 units	10 units	12 units	18 units	20 units	units
321-370	6 units	8 units	13 units	16 units	20 units	24 units	units
371-420	6 units	8 units	14 units	17 units	22 units	26 units	units
>420	7 units	9 units	15 units	18 units	24 units	28 units	units