

Insulin Dosage Reference Chart

• **WHEN TO HOLD A DOSE:**
Only with a physician's order

• **WHEN TO CHANGE DOSE GIVEN:**
Only with a physician's order

• **WHEN TO CALL MD:**

- Patient refuses dose/misses dose
- Patient does not eat at all
- Patient only eats partial meal
- Amount of carbohydrates eaten does not match expected amount per MD instructions
- PO/TF/TPN intake changes
- Dose given late
- If blood glucose less than 70 mg/dL or greater than 300 mg/dL

- Do NOT treat HS or 0200 Blood Glucose POC (Bedside) with "correctional insulin," unless ordered
- Do NOT give Nutritional/Prandial Insulin until FOOD IS PRESENT and patient is ready to eat

	Types of insulin	Situations for use	When to be given?	Give if patient does not eat, is on clear liquid diet or NPO?	Give if patient eats partial meal?
Nutritional/Prandial Insulin	Lispro (Humalog) Regular (Humulin R)	<ul style="list-style-type: none"> • For patients with a diet. • To cover the anticipated increase in glucose based upon the amount of carbohydrates in the meal. 	AC – With meals	NO – CALL MD	CALL MD
Correctional Insulin AC	Lispro (Humalog) Regular (Humulin R)	<ul style="list-style-type: none"> • For patients with a diet. • To cover elevated glucose that is present prior to meal. 	AC – With meals	YES	YES
Correctional Insulin Q4H	Lispro (Humalog)	<ul style="list-style-type: none"> • For patients who are NPO • To cover elevated glucose every 4 hours. 	Q4H	YES	N/A
Correctional Insulin Q6H	Regular (Humulin R)	<ul style="list-style-type: none"> • For patients on tube feedings or TPN • To cover elevated glucose every 6 hours for patients receiving around the clock TF or TPN nutrition. 	Q6H	YES	N/A
Scheduled Intermediate	NPH (Humulin N)	<ul style="list-style-type: none"> • Alternative to a long-acting insulin for basal control • To cover baseline insulin needs • No regards to patient's eating schedule 	Q8H or Q12H	YES	YES
Basal	Glargine (Lantus) Levemir (Detemir)	<ul style="list-style-type: none"> • Long-acting insulin • To cover baseline insulin needs • No regards to patient's eating schedule 	Q12H or Q24H	YES	YES