# 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

- **WHEN TO CALL MD:**
  - Do NOT treat HS or 0200 Blood Glucose POC (Bedside) with “correctional insulin,” unless ordered

<table>
<thead>
<tr>
<th>Types of insulin</th>
<th>Situations for use</th>
<th>When to be given?</th>
<th>Give if patient does not eat, is on clear liquid diet or NPO?</th>
<th>Give if patient eats partial meal?</th>
</tr>
</thead>
</table>
| **Nutritional/Prandial Insulin**     | • 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                          |
| Lispro (Humalog)   
  Regular (Humulin R)       |                                                                                     |                   |                                                                |                                  |
| **Correctional Insulin AC**        | • For patients with a diet.  
  • To cover elevated glucose that is present prior to meal. | AC – With meals  | YES                                                            | YES                              |
| Lispro (Humalog)   
  Regular (Humulin R)       |                                                                                     |                   |                                                                |                                  |
| **Correctional Insulin Q4H**       | • For patients who are NPO
  • To cover elevated glucose every 4 hours. | Q4H               | YES                                                            | N/A                              |
| Lispro (Humalog)       |                                                                                     |                   |                                                                |                                  |
| **Correctional Insulin Q6H**       | • 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                              |
| Regular (Humulin R)     |                                                                                     |                   |                                                                |                                  |
| **Scheduled Intermediate**       | • 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                              |
| NPH (Humulin N)       |                                                                                     |                   |                                                                |                                  |
| **Basal**                | • Long-acting insulin
  • To cover baseline insulin needs
  • No regards to patient’s eating schedule | Q12H or Q24H     | YES                                                            | YES                              |
| Glargine (Lantus)   
  Levemir (Detemir)       |                                                                                     |                   |                                                                |                                  |