



**Correction Factor:**

- The expected decrease in the blood glucose for each unit of insulin taken.
- Example: If the Correction Factor is 20 mg/dl, then
  - 1 unit of insulin would cause the blood glucose to decrease by 20 mg/dl;
  - 2 units of insulin would cause the blood glucose to decline by 40 mg/dl.
- The Correction Factor is used whenever you need to lower your current glucose value.
- Short-acting insulin is used: Humalog, Novolog, Apidra and sometimes Regular
- It may be added to your meal dose if your glucose is elevated prior to the meal
- You should always wait 2 to 3 hours between doses of insulin using the Correction Factor in order to avoid low glucose reactions.
- A slightly smaller dose is recommended at bedtime or when used during the night, in order to decrease the risk of a low glucose reaction while you are sleeping.

Correction Factor: 45 mg/dl/unit

Units of Insulin

Glucose	Daytime	Bedtime/Night
145 - 189	1	0
190 - 234	2	1
235 - 279	3	2
280 - 324	4	3
325 or more	6	4