

**Regular Insulin U-500 Dosing Guidelines
Acute Care Diabetes Advisory
2008**

Indication: U-500 insulin shall be considered when a patient is on a total daily dose (TDD) of insulin $\geq$ 250 units.

Dosing:

Prescribe in ml and insulin unit equivalents on a U-100 Lo Dose $\frac{1}{2}$ CC insulin syringe.

U-500: 1 ml = 500 units

0.1 ml of U-500 = 50 units of U-100

Start at 0.1 ml every 8 hours which provides 150 units/24 hours

Increase in increments of 0.05 ml in hospitalized patient every 1-2 days.

Write as:

U-500 Regular Insulin 0.1 ml = 50 Units of U-100 Regular Insulin. To draw this up in a U-100 insulin syringe, draw to 10 units on the insulin syringe. Frequency: every 8 hours 0800-1600-0000 or 0700-1500-2300

Do Not Order Prandial Bolus Doses with this insulin.

You may utilize U-100 Regular Insulin High Resistance Correction scale if necessary. We typically do not.