

Glucose	Insulin CRI	Dextrose
>250	10cc/h	No Dextrose
200-250	7cc/h	2.5% @ maintenance
150-199	5cc/h	2.5% @ maintenance
100-149	5cc/h	5% @ maintenance
<100	Stop insulin, Dextrose only	5% @ maintenance

- For both dogs and cats: 2.2U/kg Regular insulin added to 240cc 0.9% saline. Mix well. Spike the bag and bleed the line. Allow to sit for 20-30 minutes, then bleed off 50cc.
- Start at 10cc/h. After 2 hours if BG is static or rising, increase rate by 25% q2h until BG begins to fall.
- Target rate of decrease is 50-100mg/dL per hour
- For easiest titration use a 2-bag (or 3-bag) system: Insulin CRI, maintenance fluids with dextrose at maintenance rate, and replacement fluid to make up dehydration/ ongoing losses.
- Once BG is between 100-250mg/dL, continue the dextrose supplementation at 5% and titrate the insulin CRI to maintain the BG in this range. Insulin is needed to stop ketone production and continue to clear ketones - maintaining a normal BG is the rate-limiting step for this, and is why the dextrose supplementation and insulin CRI are administered continuously.