Insulin Drip Preparation

Preparation
1. Add 50 units (u) regular insulin to 250cc Normal Saline (NS)
2. This will make 1u insulin/5cc NS (0.2u/cc)

Infusion
1. Start at 0.1u/kg/hr (0.5cc/kg/hr)
2. Half life of insulin is approximately 5 minutes
3. Insulin levels return to baseline within 10 minutes of stopping infusion and no further fall in glucose then occurs
4. Aim for a steady fall in glucose of approximately 100mg/hr
   a. Avoid dropping glucose too fast
   b. It can result in hypoglycemia and cerebral edema with herniation (secondary to the presence of idiogenic osmols in the brain)