

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)**