Medication Formulary

**Generic Name:** Insulin

**Brand Name:** Humalog, Mixatrol, Veosulin, Lantus, Humulin, Novolin, Iletin

**Class:** Hormone replacement, antidiabetic. May be derived from beef, pork, human or synthetic sources.

**Actions:** Lowers blood glucose levels and promotes the conversion of glucose to glycogen. Glycogen is the form in which carbohydrates are stored until they are converted into sugar.

**Onset:** R: ½-1 hour, N/NPH/L: 1-4 hours, U: 4-8 hours

**Duration:** R: 6-8 hours, N/NPH/L: 18-26 hours, U: 24-36 hours

**Indications:** Diabetic Ketoacidosis, Hyperosmolar Hyperglycemic Non-ketotic Coma

**Contraindications:** Hypersensitivity to beef or pork. Hypoglycemia

**Side Effects:** Hypoglycemia, itching, swelling, redness, anaphylaxis.

**Interactions:** Corticosteroids and thiazide diuretics may decrease effects.

**Administration Routes:** IV, SQ, IO