

**Beebe Healthcare
Margaret H. Rollins School of Nursing
Nursing 102-Insulin Lab Requirements 2024**

- **Come to the Insulin lab prepared to discuss Insulin therapy and answer questions**
- **Please bring the following to the insulin lab:**
 - A completed ATI Medication Template for Insulin
 - Insulin Packet (all contents)
- **Study administration of insulin and be prepared to discuss**
 - **Explain diagnostics**
 - Normal blood glucose levels
 - Drawn AM, AC, HS, & whenever S/S hypo/hyperglycemia
 - HbA1c
 - **Onset, Peak, Duration for all types**
 - **Identify which insulin is**
 - clear or cloudy
 - given IV
 - given via pump
 - basal or bolus
 - **Procedure for injection**
 - Administration sites –abdomen (best), arm, thigh
 - Rotation of sites
 - Appropriate syringe/needle selection
 - **Identify problems with Insulin therapy**
 - Allergies
 - Lipodystrophy
 - Lipohypertrophy
 - Somogyi Effect
 - Dawn Phenomenon
 - **Signs and treatments of hypoglycemia and hyperglycemia**
 - **Identify fixed doses of insulin**
 - 70/30-70 units NPH, 30 units Regular
 - Humalog mix 70 units NPH, 30 units of Humalog
 - 50/50 etc.
 - **Storage of insulin**
 - Open vials may be stored @ room temperature for 28 days
 - Insulin stored in patient med drawer
 - **Discuss alternative insulin devices**
 - Pen
 - Pump