**Class and Action:** Hormone (Pancreatic); increases the breakdown of glycogen (if stores are available) to glucose and stimulates glucose synthesis. Positive inotropic effects on the heart and decreases peripheral vascular resistance.

**Indications:** Persistence hypoglycemia despite glucose administration, or inability to establish IV and administer Dextrose. Beta blocker toxicity/overdose.

**Contraindications:** Hypersensitivity

**Side Effects:** Hypotension, tachycardia, N/V, urticaria

**Drug Interactions:** May increase effects of anticoagulants

**Onset, Duration, and Routes:** Onset is 1 minute with a duration of 1-1.5 hours. Routes of administration are IM, IV, SQ, or IO

**Adult Dose:**
- Patient Specific

**Pediatric Dose:**
- Patient Specific

**WDM EMS Protocols:**

**Special Considerations:**

Date of Most Recent Update: 6/2020