

Glucagon (GlucaGen)

<u>Medical Diabetic Emergencies</u>		
I	Adult	0.5 - 1 mg IM, may repeat in 10 - 20 minutes if no response
	Pediatric	0.1 mg/kg IM may repeat in 10 - 20 minutes if no response to a max dose of 1 mg

Class of Drug:

- Hypoglycemia antidotes, glucose-elevating agents, other antidotes (e.g. beta-blocker or calcium channel blocker overdose)

PHARMACOLOGIC ACTION

- Insulin antagonist. Stimulates cAMP synthesis to accelerate hepatic glycogenolysis and gluconeogenesis. Glucagon also relaxes smooth muscles of GI tract

INDICATIONS

- For the management of hypoglycemic patients
- Beta blocker overdose with serious signs and symptoms (Paramedic Only)
- Calcium channel blocker overdose with serious signs and symptoms (Paramedic Only)
- Anaphylaxis refractory to epinephrine, or in patients who have history of serious coronary arterial disease and cannot receive epinephrine. (Paramedic Only)

CONTRAINDICATIONS

- Patients who will be unable to receive supplemental glucose, orally, IV or rectally after administration of glucagon.
- Hypersensitivity to pork and/or beef
- Use with caution on patients with pheochromocytoma.

DRUG INTERACTION

- Hyperglycemic effects intensified and prolonged by epinephrine.
- Will precipitate when mixed with calcium preparation.