

Glucagon

<u>Generic Name:</u>	<u>Brand Name:</u>	<u>Drug Class:</u>
Glucagon	GlucaGen	Anti-hypoglycemic
<u>Mechanism of Action:</u>	<u>Time to Onset:</u>	<u>Duration of Effects:</u>
Stimulates glycogenesis in the liver. Also relaxes smooth muscles of GI tract	5-15 minutes	60-90 minutes
<u>Indications:</u>	<u>Contraindications:</u>	<u>Possible Side Effects:</u>
<ul style="list-style-type: none"> • Hypoglycemia (second-line) • β-blocker overdose • Calcium-channel overdose • Anaphylaxis • Esophageal obstruction 	<ul style="list-style-type: none"> • Hyperglycemia 	<ul style="list-style-type: none"> • Nausea • Hypertension • Tachycardia
<u>Administration Route:</u>	<u>Adult dose:</u>	<u>Pediatric dose:</u>
<ul style="list-style-type: none"> • IM • IV 	1 mg	0.03-0.1 mg/kg (max 1)
Glucagon's use in hypoglycemia is reliant on a patient's glycogen stores, which may not be significant based on the patient's recent diet.		