

GLUCAGON

Description

Increases blood sugar concentration by converting liver glycogen to glucose. Glucagon also causes relaxation of smooth muscle of the stomach, duodenum, small bowel, and colon.

Indications

- Altered level of consciousness where hypoglycemia is suspected, and IV access is unavailable.
 - Hypotension, bradycardia from beta-blocker or calcium channel overdose.
 - Esophageal relaxation
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Side Effects

- Tachycardia
 - Headache
 - Nausea and vomiting
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Dosage and Administration**Adult:**

Hypoglycemia:

- 1 mg, IM

Beta Blocker/Calcium Channel overdose with hypotension and bradycardia:

- 2.0 mg IV bolus (Contact Base)

Pediatric:

Hypoglycemia:

- < 25 kg : 0.5 mg IM.
- > 25 kg: 1 mg IM.

Beta Blocker/Calcium Channel overdose with hypotension for age, signs of poor perfusion and bradycardia:

- 0.1 mg/kg IV (Contact Base)
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Onset & Duration

- Onset: variable
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Protocol

- Seizure
- Poisoning/Overdose
- Hypoglycemia