

Initial Date: 07/19/2023

Revised Date:

Section: 9-25R

Glucagon

Pharmacological Category: Antidote; Hypoglycemia

Routes: IM/IN

Indications:

1. Unable to obtain IV access and dextrose is indicated

Contraindications:

1. Adrenal gland tumor

Expected effects:

1. Increased blood glucose

Side effects:

1. Nausea
2. Vomiting

Dosing: ADULT ALTERED MENTAL STATUS

Indication: Patient is demonstrating signs of hypoglycemia, blood glucose is < 60 mg/dL and unable to start IV.

Adults administer:

1. Glucagon 1 mg IM/IN

Dosing: ADULT SEIZURE

Indication: Seizure patient with blood glucose < 60 mg/dL and unable to start IV.

Adults administer:

1. Glucagon 1 mg IM/IN

Dosing: PEDS ALTERED MENTAL STATUS

Indication: Pediatric patient demonstrating signs of hypoglycemia, unable to start IV and blood glucose as follows:

1. 2 months old or younger and glucose is <40 mg/dL
2. 3 months old or older and glucose is <60 mg/dL

Pediatrics administer:

1. Glucagon according to MI MEDIC cards
2. If MI MEDIC cards are not available administer:
 - a. Pediatrics age 5 or greater:
 - i. Glucagon 1 mg IM/IN
 - b. Pediatrics less than age 5:
 - i. Glucagon 0.5 mg IM/IN



Michigan
MEDICATION SECTION
GLUCAGON

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Dosing: PEDS SEIZURE

Indication: Pediatric seizure patient, unable to start IV, and blood glucose as follows:

1. 2 months old or younger and glucose is <40 mg/dL
2. 3 months old or older and glucose is <60 mg/dL

Pediatrics administer:

1. Glucagon according to MI MEDIC cards
2. If MI MEDIC cards are not available administer:
 - a. Pediatrics age 5 or greater:
 - i. Glucagon 1 mg IM/IN
 - b. Pediatrics less than age 5:
 - i. Glucagon 0.5 mg IM/IN

Used in the Following Protocols

- Altered Mental Status (Section 3 Adult Treatment)
- Seizures (Section 3 Adult Treatment)
- Pediatric Altered Mental Status (Section 4 Obstetrics and Pediatrics)
- Pediatric Seizures (Section 4 Obstetrics and Pediatrics)