

CLASS A: Hypoglycemia

CLASS B: Beta Blocker OD

PROTOCOL(S) USED IN: Altered Mental Status, Poisoning & Overdoses

PHARMACOLOGY AND ACTIONS:

- A. Increases blood glucose concentration by converting liver glycogen to glucose.
- B. Parenteral administration of glucagon produces relaxation of the smooth muscle of the stomach, duodenum, small bowel and colon.

INDICATIONS:

- A. Hypoglycemia when IV access is unavailable or delayed.
- B. Beta Blocker overdoses.

CONTRAINDICATIONS:

None

SIDE EFFECTS AND NOTES:

- A. N/V and generalized allergic reactions have been reported.
- B. Glucagon should not be used at concentrations greater than 1 unit (1mg).
- C. Should not be used unless solution is clear and of water-like consistency.

ADULT DOSING:

Hypoglycemia-

1 unit (1 mg) IM. If no effect in 8-10 minutes, repeat 1 unit. IV glucose must be given if patient fails to respond to glucagon

Beta Blocker OD-

Contact OLMC

PEDIATRICS:

Hypoglycemia- 0.5 mg IM. (< 5 y/o or < 20 kg) to a maximum of 1 mg

Beta Blocker OD- contact OLMC