

# Glucose Gel

McHenry Western Lake County  
EMS



# Objectives

- During this session we will discuss:
- Class
- Actions
- Indications
- Contraindications
- Dosing/Routes
- How supplied
- Precautions
- Side effects



# Class:

- Antihypoglycemic



# Actions:

- Carbohydrate
- Increases serum glucose level



# Indications:

- Hypoglycemia in awake patients with a GCS of 14-15 and an intact gag reflex



# Dosing/Routes:

- 25 Gm orally



# How supplied:



# Contraindications:

- Patients with altered mental status (GCS <13)
- Absent gag reflexes or impaired airway reflexes.
- Hx of recent seizure activity





# Precautions:

- Aspiration in patients with impaired airway status



# Side effects/adverse reactions:

- Aspiration in patients with impaired airway status

Ref: MWLCEMS Protocol and 2000 Mosby's Nursing Drug Reference Book



# Case Study

You have been called to a local restaurant where you find a person who is complaining of dizziness and has a history of Diabetes. You have obtained a glucose level and it is 54. Your patient is conscious and alert and you have decided to give Glucose Gel. How much do you give?



# Answer

- 25 Gm or 1 tube of Glucose Gel as long as the patient has an intact gag reflex.

# Case Study

- Your patient now is getting more drowsy and unable to swallow the Glucose Gel. You should now...



# Answer

- Consider Glucagon IN/IM or D10 IV.

