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:

• 25gm 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

• 25gm 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 Glucose IV.