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.