



Oral Glucose (Glucose15) Oral Gel

BLS Medication Protocol

Approved: Jeff Young, OMD, 10.10.2019

Class: Glucose Elevating Agent

Mechanism of Action: increases available glucose for cellular use

Indications:

- Tested blood glucose <60mg/dL
- Other blood glucose levels where patient has symptoms or concerns for hypoglycemia

Contraindications:

- Patient can't swallow
- Hypersensitivity to inactive ingredients

Dosage/Supplied:

- 15g tube

Route of Administration:

- Buccal route (preferred if patient has altered mentation, lethargy): apply oral glucose to bite stick then dab small amount between patient's lower lip and gum
- Oral: Give patient tube and let them eat it, or squirt small amounts into patient's mouth

Pharmacokinetics:

Onset: 5 minutes

Side Effects

- Nausea/Vomiting

Administration Notes:

- Raise patient to >45 degree Semi-Fowler's position before administering PO medications to help prevent aspiration
- Recheck patient's blood glucose level 5 minutes after administration of blood glucose elevating agents. Transient blood glucose increases followed by rapid return to hypoglycemia can occur.
- As long as patient can swallow safely, other simple carbohydrates can be given to increase low blood glucose.