



Jackson Hole Fire/EMS Operations Manual

Approved by: Will Smith
Will Smith, MD, Medical Director

Approved by: Rusty Palmer
Rusty Palmer, Chief

Approved by: George Watson
Emergency Services Council

Title: **Medication Protocol:
Oral Glucose**
Division: 17
Article: 1.17
Revised: Dec-07
Pages: 2

Oral GLUCOSE (Glucose) (Medication Protocol)

EMT-BASIC PROVIDERS

NO VOICE ORDER REQUIRED FOR ADULTS

EMT-INTERMEDIATE PROVIDERS

NO VOICE ORDER REQUIRED FOR ADULTS

PARAMEDIC PROVIDERS

NO VOICE ORDER REQUIRED FOR ADULTS

CLASS: Oral Hypoglycemic Agent, Carbohydrate (sugar)

PHARACOLOGY/ ACTIONS: Elevates blood glucose. Causes hyperosmolar diuresis and decreases cerebral edema.

ONSET/DURATION: Onset: 10 minutes / Duration: varies

USE IN FIELD/ INDICATIONS: Hypoglycemia, Seizures and/or altered mental status and unable to determine blood sugar level.

CONTRAINDICATIONS: Unconscious, unable to protect airway

SIDE EFFECTS: May be aspirated if patient is unable to protect airway

DRUG INTERACTIONS: None

HOW SUPPLIED: Gel in 15gm / tube (single use)

ROUTE: Oral

DOSAGE:

ADULT

10 to 20 grams; may be repeated in 10 minutes if necessary. Check BGL with glucometer

PEDIATRIC

10 to 20 grams; may be repeated in 10 minutes if necessary. Check BGL with glucometer

PREGNANCY SAFETY: Category C – give only if potential benefits justifies risk to fetus

COMMENTS: Because changes in levels of consciousness can change rapidly in patients with hypoglycemia, it is important to ascertain the patient's ability to swallow an oral preparation without airway compromise