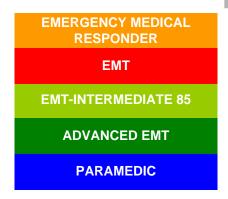


## EMS System for Metropolitan Oklahoma City and Tulsa 2017 Medical Control Board Treatment Protocols



Approved 11/9/16, Effective 2/1/17, replaces all prior versions

16S - GLUCOSE (ORAL)



Class: Carbohydrate

Actions/Pharmacodynamics: Increases blood sugar level.

**Indications:** Altered Mental Status (Hypoglycemia) (6B)

Syncope (Hypoglycemia) (6E)

Dystonic Reaction (Hypoglycemia) (6F) Behavioral Disorder (Hypoglycemia) (7A) Dialysis-Related Issues (Hypoglycemia) (9E) Complications of Pregnancy (Hypoglycemia) (13D)

**Contraindications:** Unconscious or semi–conscious and unable to follow simple commands. Care should be taken to prevent choking or aspiration of medication in semi–conscious patient.

**Pharmacokinetics:** Rapid oral absorption uptake to increase circulating blood sugar levels. Onset of effect within several minutes of oral dosing. Duration of effect up to 30+ minutes, but patient should be advised to consume complex carbohydrates within minutes of restoration of normal blood sugar, unless otherwise contraindicated.

Side Effects: None

Dosage: Altered Mental Status (Hypoglycemia) - Adult & Pediatric Weight ≥ 25 kg (6B)

Syncope (Hypoglycemia) - Adult & Pediatric Weight ≥ 25 kg (6E)

Dystonic Reaction (Hypoglycemia) - Adult & Pediatric Weight ≥ 25 kg (6F) Behavioral Disorder (Hypoglycemia) - Adult & Pediatric Weight ≥ 25 kg (7A) Dialysis-Related Issues (Hypoglycemia) - Adult & Pediatric Weight ≥ 25 kg (9E)

Complications of Pregnancy (Hypoglycemia) - Adult (13D) 15 grams (1 tube) PO or SL for blood glucose < 50 mg/dL



## EMS System for Metropolitan Oklahoma City and Tulsa 2017 Medical Control Board Treatment Protocols



\* EMS Section

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PROTOCOL16S: Glucose (Oral), cont.

Dosage, cont.

Altered Mental Status (Hypoglycemia) - Pediatric Weight < 25 kg (6B) Syncope (Hypoglycemia) - Pediatric Weight < 25 kg (6E) Dystonic Reaction (Hypoglycemia) - Pediatric Weight < 25 kg (6F) Behavioral Disorder (Hypoglycemia) - Pediatric Weight < 25 kg (7A) Dialysis-Related Issues (Hypoglycemia) - Pediatric Weight < 25 kg (9E) 7.5 grams (1/2 tube) PO or SL for blood glucose < 50 mg/dL

**How Supplied:** 15 grams of glucose for oral administration in a squeeze tube container.

(Always check concentration and dose per container at time of patient

medication administration)

Special Comment: Medical grade glucose should be utilized in place of sodas, candy, and other carbohydrate-heavy solid food. In many cases, the carbohydrate grams cannot be measured.