


Section: **Adult Medical**
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1. Basic ALS Treatment.
2. ALS Treatment:
 - a. **D₅₀W** (for known hypoglycemia ≤ 60 mg/dl)
 - i. 12.5 grams IV (over 1 to 2 mins)
 - ii. May be repeated one (1) time
 - b. **Oral dextrose** (only if the patient has an adequate gag reflex)
 - i. 25 to 30 grams PO
 - ii. May be repeated as necessary every five minutes to raise blood glucose level to ≥ 90 mg/dl
 - c. **Glucagon** (when unable to establish an IV)
 - i. 1.0 mg IM only once.

ALTERNATIVE PROTOCOL

To Be Used In The Absence of D₅₀W

1. Basic ALS Treatment.
2. **Oral Glucose** (only if the patient has an adequate gag reflex)
 - a. 25 to 30 grams PO
 - b. May be repeated as necessary every five minutes to raise blood sugar glucose level to >90 mg/dl
3. **Glucagon**
 - a. 1.0 mg IM
4. **Dextrose D₁₀W** in 250 ml (25g) IV over 15-20 minutes
 - a. Contraindicated if the patient is in pulmonary edema
 - b. It is an acceptable approach to administer both glucagon and dextrose 10% if you are not initially able to establish an IV of adequate flow. Having given glucagon does not prevent you from giving dextrose 10% later in the call.
 - c. Monitor lung sounds and pulse oximetry during administration and discontinue flow if pulmonary edema is suspected.
5. **NOTE:** It is likely under this protocol alternative we will transport more patients with hypoglycemia, as glucagon at times does not suffice, and administration of Dextrose D₁₀W may take a long amount of time.