

Southern Illinois Regional EMS System

EE-3 DIABETIC/GLUCOSE EMERGENCIES

ALS/ILS:

- Adult Patient Assessment and General Care protocol
- Obtain and record blood glucose level.
- Obtain thorough medication history:
 - Time of last medication dosage and last oral intake.
- Vomiting and seizure precautions.

- Blood Glucose < 60 and Signs and Symptoms of Insulin Shock/Hypoglycemia (weakness, lethargy, ALOC, diaphoresis):
 - Oxygen 15LPM NRB.
 - If patient awake with intact gag reflex, administer **Oral Glucose tube x1**.
 - If patient is not awake or incapable of protecting their airway:
 - Administer **50% Dextrose 25g** IVP.
 - If unable to start IV: Administer **Glucagon 1mg** IM.
 - Contact Medical Control
 - Transport
 - Observe and document response to treatment.
 - If patient shows limited or no response to treatment within 5 minutes:
 - Repeat **50% Dextrose 25g** IVP.
 - ALS: Consider **Thiamine 100mg** IV/IO.
 - Obtain and record glucose level after treatment if transport time allows.

- Blood Glucose Level > 200 or Signs and Symptoms of Hyperglycemia/Ketoacidosis:
 - Don't discourage Kussmaul respirations.
 - Oxygen 2-4 LPM cannula.
 - Contact Medical Control
 - Consider 200 mL IV bolus of NS.
 - Transport