



Class 3 IFT-Paramedic Treatment Protocol 3604

Diabetic/Hyperglycemia

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The goal of this protocol is to maintain clinically appropriate blood glucose levels (BGL) in patients suffering from hyperglycemia who are being transferred inter-facility on an insulin infusion.

- A. **Perform Inter-Facility Transport Assessment (IFTA) Procedures Patient Care Protocol 9204** and follow the proper protocol for medical management based on clinical presentation.
- B. Treatment Guidelines:
 1. Vital signs and documentation are needed:
 - a. Obtain the last Blood Glucose Level (BGL) reading from the sending facility.
 - b. Obtain the last potassium (K^+) reading from the sending facility that was obtained within 60 minutes of the time of transport
 - i. *(Normal K^+ = 3.5 – 4.5)*
 - ii. If K^+ is less than 4.0, ask sending physician to consider P.O. and/or IV infusion potassium chloride.
 - iii. Document medication administration or refusal of order within your narrative.
 - iv. *Always be professional and non-confrontational with physicians*
 - c. Initial BGL within first 10 minutes of transport
 2. Insulin infusion- Refer to Drug Reference Page on Insulin
 - a. Maintain insulin infusion as ordered to maintain a target BGL or BGL range as indicated by the referring physician. This may be accomplished in the following manners:
 - b. Continuation of specific “sliding scale” orders as directed by the sending physician.

- c. Transferring the insulin infusion as set by the Emergency Department Physician
3. Blood Glucose Levels
- a. Acquire BGL every 30-60 minutes for longer transports
 - b. If patient's condition changes or if signs of hypoglycemia or BGL drops below 250-300 mg/dl during transport

i. Reduce infusion to 0.05 u/kg/hr.

- ii. Contac MCP to initiate a glucose infusion



- iii. Keep serum glucose between 150-200 mg/dl.

- iv. Monitor closely with BGL checked every 15 minutes for at least 1 hour.

4. Crystalloid Fluids

- a. Administer/continue crystalloid fluid as ordered by the sending physician.

5. Obtain and record final BGL upon arrival at destination