

INFUSION PUMP (AASI)

1. Level: Paramedic/CCT, RN
2. Purpose: To provide precise IV medication administration during inter-facility transports
3. Indications: Patients requiring IV medication administration during inter-facility transport
4. Precautions:
 - 4.1. The paramedic should understand the effects, side effects, indications, and contraindications of the medication before transporting a patient receiving the medication. In many cases, the information can be obtained from one of the following:
 - 4.1.1. Medication section in *The Green Book*
 - 4.1.2. Critical Care Transport Pharmacology in CCT section of *The Green Book*
 - 4.2. Prior to transporting a patient on a medication or administering a medication given to you by the sending facility that is not carried on LaSalle Ambulance inventory and is not listed in the Critical Care Transport Pharmacology section, you must first contact the communications center so you can be connected to an LaSalle Ambulance medical director for direction. The only exceptions to this include:
 - 4.2.1. Antibiotics
 - 4.2.2. TPN
 - 4.2.3. Electrolytes
 - 4.3. The attending paramedic should utilize AASI equipment when available. In cases in which the transport is time sensitive, it is acceptable to utilize the hospital equipment if requested to do so by the sending facility.
 - 4.3.1. If additional pump channels are required or the AASI pump is out of service then the hospital IV pump may be used if available.
 - 4.3.2. If a hospital IV pump is used for transport, the paramedic should familiarize him/herself with the specific IV pump before transport (see [NON-AASI INFUSION PUMP Procedure](#)).
5. Procedure:
 - 5.1. Acquire information from sending facility including:
 - 5.1.1. Medication and concentration being infused
 - 5.1.2. Confirm that the infusion pump has enough medication for the expected transport time
 - 5.1.3. The volume of infusion already administered
 - 5.1.4. The rate of infusion
 - 5.2. Transport
 - 5.2.1. Monitor the patient's ECG.
 - 5.2.2. Reassess vital signs.
 - 5.2.3. If an alarm is displayed, attempt to correct the problem. The alarm message will disappear once the problem has been corrected. In the event that the problem cannot be corrected, the paramedic/nurse should press the start/stop button to turn the infusion off. Contact the sending facility if any complications occur.
 - 5.2.3.1. If the infused medication is not being piggybacked into a running IV line, an infusion of NS should be initiated at a keep open rate.
 - 5.3. Arrival at Destination Bedside
 - 5.3.1. Advise the receiving hospital staff of the rate of administration and any problems encountered during transport.
 - 5.4. Completion of Call
 - 5.4.1. Clean equipment, as necessary.

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5.4.2. Document the medication, concentration, and rate on the ePCR.