

# Southern Illinois Regional EMS System

## II-7 ADDITION OF MEDICATION TO IV

### Policy:

- To establish guidelines for the addition of medications to IV's.

### Equipment:

- Gloves and additional PPE as necessary.
- IV bag in ordered amount and fluid type.
- Microdrip or macrodrip tubing as ordered.
- Extension set.
- Syringe and needle for withdrawal of medication from an ampule, vial or prepackaged medication in syringe with needle.

### Procedure:

- Don PPE
- Determine whether there has been any splattering of blood or body fluids:
  - If so, put on full face protection and gloves.
- Assemble all necessary supplies and equipment.
  - Check IV for the six rights of medication administration and the following:
    - Expiration date
    - Seal leakage
    - Contamination
    - Cloudiness
    - Abnormal color
- Obtain the appropriate concentration and amount of medication to be administered.
- Cleanse the injection port on the IV bag.
- Inject the medication into the IV bag.
  - DO NOT RECAP THE NEEDLE:
  - Dispose of the needles and syringe in an approved puncture resistant bio hazard container.
- Invert the bag 2-3 times to mix the medication with the IV fluid.
- Label the bag with medication information:
  - Name of medication
  - Amount and concentration of medication
  - Your name
  - Time medication added
  - Flow rate for IV fluids
- Attach tubing to IV fluid and run as a "piggyback" to the original IV.