

# Southern Illinois Regional EMS System

## II-7 ADDITION OF MEDICATION TO IV

1. Policy:
  - 1.1. To establish guidelines for the addition of medications to IV's.
2. Equipment:
  - 2.1. Gloves and full face protection.
  - 2.2. IV bag in ordered amount and fluid type.
  - 2.3. Microdrip or macrodrip tubing as ordered.
  - 2.4. Extension set.
  - 2.5. Syringe and needle for withdrawal of medication from an ampule or vial or prepackaged medication in syringe with needle.
3. Procedure:
  - 3.1. Put on gloves.
  - 3.2. Determine whether there has been any splattering of blood or body fluids:
    - 3.2.1. If so, put on full face protection and gloves.
  - 3.3. Assemble all necessary supplies and equipment. Check IV for:
    - 3.3.1. Correct medication solution.
    - 3.3.2. Expiration date.
    - 3.3.3. Seal leakage.
    - 3.3.4. Contamination.
    - 3.3.5. Cloudiness.
    - 3.3.6. Abnormal color.
  - 3.4. Obtain the appropriate concentration and amount of medication to be administered.
  - 3.5. Cleanse the injection port on the IV bag.
  - 3.6. Inject the medication into the IV bag.
  - 3.7. DO NOT RECAP THE NEEDLE:
    - 3.7.1. Dispose of the needles and syringe in a puncture resistant bio hazard container.
  - 3.8. Invert the bag 2-3 times to mix the medication with the IV fluid.
  - 3.9. Label the bag with medication information:
    - 3.9.1. Name of medication.
    - 3.9.2. Amount and concentration of medication.
    - 3.9.3. Your name.
    - 3.9.4. Time medication added.
    - 3.9.5. Flow rate for IV fluids.
  - 3.10. Attach tubing to IV fluid and run as a "piggyback" to the original IV.