
ILLINOIS REGION 3 PROTOCOLS

INTRAVENOUS MEDICATION ADMINISTRATION (ALS)

- I. Indications: Emergency situations where a fast rate of absorption is desired.
- II. Contraindications: None in emergency situation.
- III. Precautions:
 - A. Ensure the IV line is patent
 - B. Review the 5 R's
 - 1. right patient
 - 2. right medication
 - 3. right dosage
 - 4. right route
 - 5. right time - includes how fast the drug should be given
- IV. Complications
 - A. Local pain and burning
 - B. Allergic reaction
 - C. Infiltration if IV line not patent
- V. Equipment:
 - A. Medication
 - B. Appropriate size syringe and 19 gauge needle/prefilled syringe
 - C. Alcohol prep
- VI. Procedure Sequence:
 - A. Receives/requests order or operates under standing medical orders
 - B. Takes universal precautions.
 - C. Elicits patient allergies
 - D. Selects the correct medication and administration equipment.
 - E. Checks medication label for correct name, concentration, expiration date.
 - F. Inspects medication for discoloration, particles.

- G. Prepares correct dose.
 - 1. Assembles prefilled syringe, expels air.
 - 2. Draws up correct amount from ampule or vial.
- H. Cleanses injection port.
- I. Stops IV flow above injection port.
- J. Reaffirms correct medication, dose.
- K. Inserts needle into injection port, injects correct dose at appropriate rate.
- L. Opens and flushes IV line, readjusts IV flow rate.
- M. Disposes of needle in appropriate container. (Do not recap needle)
- N. Observes patient for medication effects and documents appropriately.
- O. Maintains aseptic technique throughout procedure.
- P. Document medication administration and changes in patient condition.

Blessing Hospital, EMS Medical Director

Passavant Hospital, EMS Medical Director

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Memorial Medical, EMS Medical Director

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