

**ILLINOIS REGION 3 PROTOCOLS**

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**INTRAMUSCULAR INJECTION (ALS)**

- I. INDICATIONS:
  - A. Non-cardiac emergencies where a relatively slow rate of absorption is desired
- II. CONTRAINDICATIONS:
  - A. patients in shock
  - B. patients with suspected AMI
- III. PRECAUTIONS:
  - A. patient is not allergic to medication
  - B. avoid arteries, veins, and nerves
- IV. COMPLICATIONS:
  - A. local pain and burning
  - B. local infection
  - C. hematoma
  - D. inadvertent IV injection
- V. EQUIPMENT:
  - A. syringe
  - B. 1 1/2", 21-23 gauge needle for adults, 1" 21-23 gauge needle for pediatrics
  - C. alcohol prep
  - D. 4X4 gauze
  - E. medication
  - F. Band-Aid
- VI. PROCEDURE:
  - A. receive order
  - B. confirm order
  - C. prepare equipment
  - D. explain procedure to patient
  - E. confirm patient not allergic to medication
  - F. select medication
  - G. inspect medication for discoloration, particles, and expiration date
  - H. withdraw medication from source
  - I. expel air from syringe
  - J. recap the needle
  - K. expose the appropriate site
  - L. prep the site with an alcohol swab
  - M. insert the needle at a 90o angle
  - N. aspirate to assure that a blood vessel has not been entered

PROCEDURE (CONTINUED)

- O. inject the medication in a slow deliberate fashion
- P. apply pressure to the site
- Q. if necessary, apply a Band-Aid
- R. properly dispose of the syringe and needle
- S. confirm the medication administration
- T. monitor the patient for any possible side effects
- U. Document medication administration and any change in patient condition.

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Blessing Hospital, EMS Medical Director

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Passavant Hospital, EMS Medical Director

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St Johns Hospital, EMS Medical Director

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Memorial Medical, EMS Medical Director

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Jersey Community Hospital, EMS Medical Director