

ILLINOIS REGION 3 PROTOCOLS

ENDOTRACHEAL MEDICATION ADMINISTRATION (ALS)

- I. Indications:
 - A. Fast rate of absorption is desired.
 - B. Unable to establish IV access.
 - C. Most often used in cardiac arrest.
 - D. Patient with endotracheal tube in place.
- II. Contraindications: None in emergency situation.
- III. Precautions:
 - A. Only specific drugs may be given this route
 - 1. Lidocaine
 - 2. Epinephrine
 - 3. Atropine
 - 4. Narcan
 - B. Usual dose via endotracheal tube is 2-2.5 times the usual dose diluted in 10 cc of saline.
- IV. Complications
 - A. Allergic reaction
 - B. Fluid overload
- V. Equipment:
 - A. Medication
 - B. Appropriate size syringe and 19 gauge needle to draw up the medication/saline
 - C. Saline for injection
- VI. Procedure Sequence:
 - A. Medication Order
 - 1. receives/requests order or operates under standing medical orders.
 - 2. confirms order
 - B. Takes universal precautions.

- C. Selects correct medication
- D. Checks label for correct name, concentration, expiration date.
- E. Inspects medication for discoloration, particles.
- F. Prepares correct amount of medication.
- G. Hyperventilates patient.
- H. Removes the ventilation device.
- I. Administers the medication down the endotracheal tube.
- J. Replaces the ventilation device and hyperventilates patient.
- K. Monitors the patient for desired effects.

Blessing Hospital, EMS Medical Director

Passavant Hospital, EMS Medical Director

St Johns Hospital, EMS Medical Director

Memorial Medical, EMS Medical Director

Jersey Community Hospital, EMS Medical Director