



**REGION 11
CHICAGO EMS SYSTEM
PROCEDURE**

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| Title: Nebulized (Aerosolized) Medication Administration – BLS/ALS |
| Section: Medication Administration / Access |
| Approved: EMS Medical Directors Consortium |
| Effective: August 1, 2022 |

NEBULIZED (AEROSOLIZED) MEDICATION ADMINISTRATION – BLS/ALS

INDICATIONS

- Albuterol/Atrovent (BLS/ALS)
- Albuterol (BLS/ALS)
- Naloxone (ALS)

CONTRAINDICATIONS

None

EQUIPMENT

- Medication
- Nebulizer unit (medication cup, mouthpiece/mask, oxygen tubing)
- Oxygen tank with regulator

PROCEDURE

1. Apply personal protective equipment: gloves.
2. Check the five rights of medication administration.
 - a. Right patient
 - b. Right medication
 - c. Right dosage/concentration
 - d. Right time
 - e. Right route
3. Place medication into nebulizer unit.
4. Reaffirm medication with Medication Administration Cross Check (MACC).
5. Attach mouthpiece/mask and oxygen tubing to the nebulizer unit.
6. Turn on oxygen to 6 liters/minute.
7. Place mask on patient or give them the handle to hold.
8. Coach patient on how to breathe correctly to inhale all medication – keep lips firm around the mouthpiece and breathe through mouth until all medication is used.
9. Assess patient for desired effect and side effect.
10. Document the medication dose and clinical response.