

Section: ALS Protocols
Subject: NEBULIZED DRUG ADMINISTRATION
Section #: 345.15
Issue Date: March 21, 2011
Revision Date:
Approved By:

Page 1 of 1

Michael Lozano, Jr., M.D., HCFR Medical Director



1. Proper technique in the administration of nebulized bronchodilators is crucial to its successful delivery into the lower airways.
2. A patient's cardiac rhythm shall be monitored at all times during nebulized drug administration.
3. Use the following procedure to administer the drug:
 - a. Pour contents into the nebulizer reservoir.
 - b. Assemble the unit including the mouth piece and oxygen supply tubing.
 - c. Ensure that the unit is held upright to facilitate proper updraft and nebulization of the medication.
 - d. Connect to an oxygen source and adjust the flow rate until vapor is coming out of the unit.
 - e. Have the patient sit upright and keep their lips closed around the mouthpiece.
 - i. Have them breathe the medication in and out as slowly and deeply as possible.
 - ii. Make sure the patient keeps their lips sealed around the mouthpiece.
 - f. To assist in effectively administering the drug, the patient should be coached in deep smooth slow breaths.
4. Nebulizer treatments can also be administered by in-line nebulizer via BVM or ETT.