

Setting Up for a Nebulizer Treatment

Some patients that are having breathing difficulty will benefit from having a nebulized dose of albuterol. The nebulizer can be assembled by first responders in order to free up the hands of the Paramedics who may be busy doing other procedures. This guide should help first responders identify and assemble the

1. Parts of the Nebulizer

The nebulizer kit contains the flowing parts:

- Mouthpiece
- "T" fitting
- Reservoir tube
- Mixing chamber (Cap & Base)
- O2 supply tubing



In addition you will need:

- (2) tubes of albuterol.

2. Assembling the pieces



Attach mouthpiece to large end of "T."

Attach reservoir tube to small end of "T" opposite the mouthpiece.

Check the EXP. date stamped on the end of the albuterol tubes.

Unscrew top from mixing chamber and fill the outer edge of the base with two tubes of albuterol.

From this point on be careful to keep base upright to prevent spilling the albuterol out of the mixing chamber.

Replace top on mixing chamber and attach O2 supply tub to the bottom of the mixing chamber base.

Now the mixing chamber may be attached to the bottom of the "T."

Set the flow rate of oxygen to the nebulizer at 6 - 10 lpm.

Begin the treatment.



3. Nebulizer to NRB Mask Setup

Sometimes a patient is unable to hold the nebulizer themselves. A non-rebreather mask (NRB) can be used to hold the nebulizer for the patient.

First pull the hard white section out of the NRB.

Second insert the mixing chamber onto to hole at the bottom of the mask. Set the flow rate of oxygen to the nebulizer at 8 - 10 lpm.

Place Mask on patient to begin the treatment.



3. Nebulizer to Bag Valve Mask Setup

When a patient is in serious respiratory failure it may be necessary to administer medication through a nebulizer using a bag valve mask (BVM). This can be a hard setup to remember at the time you need it. Review this setup often to keep it fresh in your mind. You will need three main parts to accomplish this task:



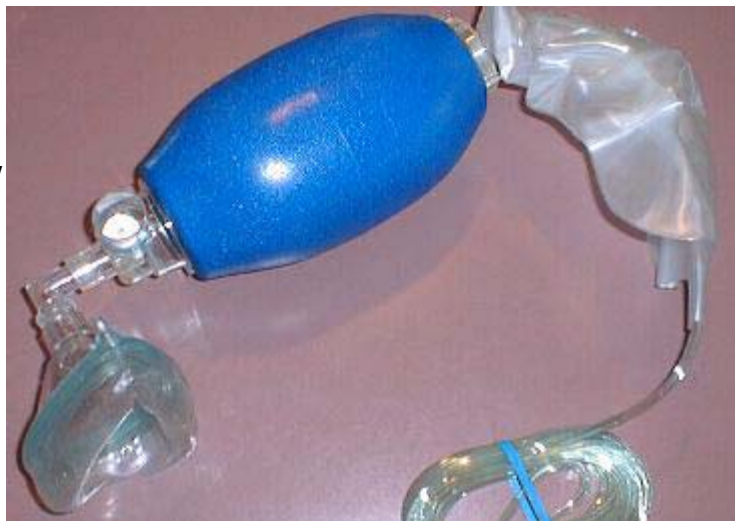
- BVM (Bag Valve with mask)
- Nebulizer Kit
- Straight Airway connector/Adapter

The first step is to separate the mask and elbow from the bag portion of the BVM.

Leave the Mask and elbow connector together.

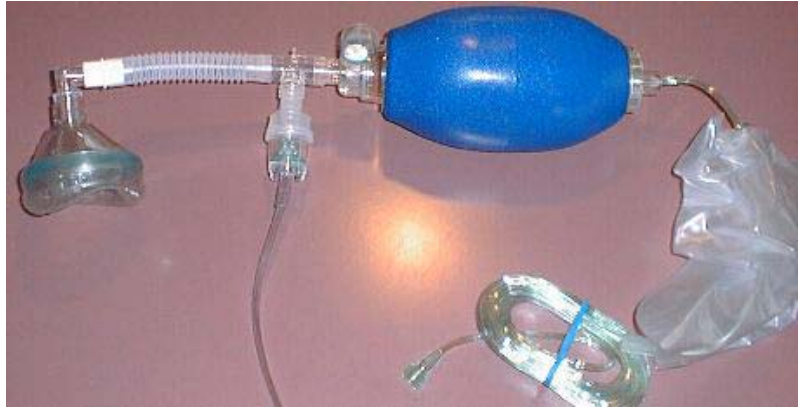
Next attach the straight airway connector to the elbow connector on the mask.

Assemble the nebulizer in the normal manner and remove the mouth piece.



Connect the "T" adapter to the BVM.

The last step is to connect the mask to the end of the reservoir tube.



Caution! If only one oxygen supply is available, set nebulizer to 10 or 12 lpm and remove the reservoir bag from the BVM. Removing the reservoir bag allows faster filling of the BVM with room air. If patient is intubated the mask can be removed from the elbow connector and the elbow connector will fit

Congratulations! You now know how setup for nebulizer treatments.