

## NEBULIZED MEDICATION

### ADVANCED EMT / PARAMEDIC

**Clinical Statement:** A nebulizer is used to aerosolize medications into a mist for delivery directly to the lungs.

#### **Nebulized Medication Procedure:**

1. Explain procedure to patient
2. Add medication to nebulizer chamber

##### **Adult:**

- **Albuterol** aerosol 5 mg OR **Xopenex (levalbuterol)** 1.25 mg aerosol
- may repeat as necessary
- **Atrovent** aerosol 0.5 may be added to Albuterol administration (one-time dose only)

##### **Pediatric:**

- **Albuterol** aerosol
- Less than 10 kg use 2.5 mg
- Greater than 10 kg use 5 mg

OR

##### **Xopenex (levalbuterol)**

- 0.625 mg aerosol
- May repeat Albuterol or Xopenex as necessary

**Atrovent (ipratropium bromide)** 0.5 mg aerosol may be added to Albuterol administration (one-time dose only)

3. Assemble equipment to oxygen source, adjust oxygen to 6 liters per minute
4. Pt sits upright, lips sealed tightly around mouthpiece, instruct to breathe deeply and slowly through the mouth
5. Treatment may be administered through nonrebreather mask, CPAP, or BVM if necessary

For In-Line Neb Use, see Figure 1:

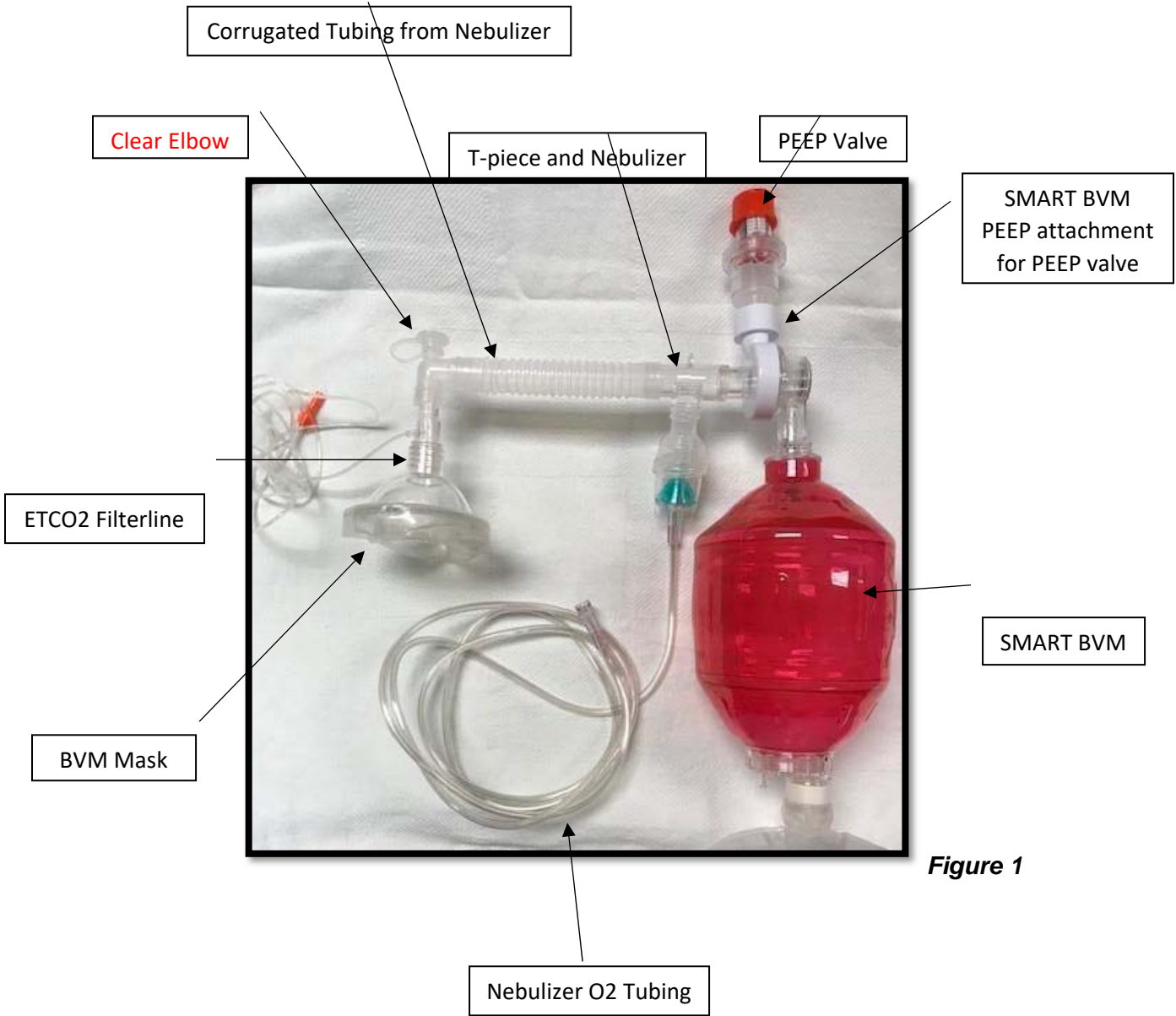


Figure 1