

Medication Delivery Devices

- Metered Dose Inhaler
- Nebulizer
- Advair/Severent Diskus

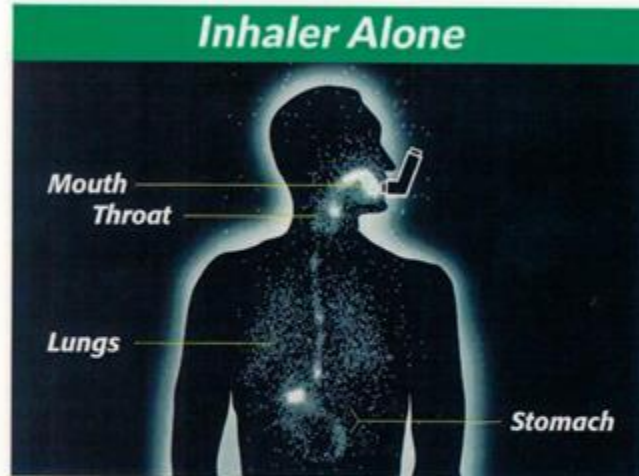


Metered Dose Inhaler with Spacer/Holding Chamber and Mask¹

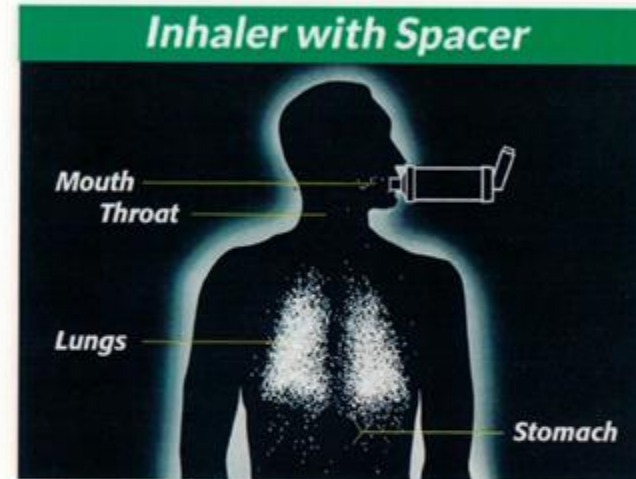
1. Remove cap to the inhaler.
2. Shake the inhaler for at least 10 seconds.
3. Insert the inhaler into the back of the holding chamber with mask.
4. If necessary, attach mask to holding chamber.
5. Put mask up to the child's face and make sure there is a good seal over the nose and mouth. Some adults may need to use a mask.
6. Press down on the inhaler as the child begins to take a deep breath in. Release only one puff of medicine.
7. Keep the mask tight against the child's face for 6 breaths.
8. Wait 1 minute before repeating these steps, if a second dose is prescribed.
9. Repeat these steps, as prescribed.

<https://www.youtube.com/watch?v=f-O8etEE6kQ>

Why use a Spacer with an Inhaler?



When an inhaler is used alone, medicine ends up in the mouth, throat, stomach and lungs.



When an inhaler is used with a spacer device, more medicine is delivered to the lungs.

*Comparative respiratory deposition of ¹²⁵I labeled particles of albuterol using a metered-dose inhaler and a metered-dose inhaler with spacer in healthy human volunteers using gamma scintigraphy; R. Birtch, PhD, Scintiprox, Inc., Indianapolis, Indiana, and D. Doherty, MD, Department of Pulmonology, University of Kentucky Medical Center, Lexington, KY, 1997.

For more information:
919.970.8600 x83
lung@activehealthcare.com





Nebulizer¹

1. Sit upright in a comfortable chair. An infant or small child may be held upright on lap or in arms.
2. Add medicine to nebulizer cup, as directed.
3. Turn switch on compressor to the “on” position.
4. Place mouthpiece in mouth or place mask on infant or child, making sure there is a good seal over the nose and mouth.
5. Breathe normally through the mouthpiece or mask, taking a deep breath every minute or so. Continue until nebulizer cup begins to sputter.



Nebulizer Cleaning¹⁷

1. Disconnect nebulizer from tubing, disassemble, and briefly wash in warm soapy water.
2. Briefly wash nebulizer parts in warm soapy water. Do not submerge nebulizer tubing under water. Wipe with cloth, if soiled.
3. Place nebulizer parts on a towel or dish rack, and allow to air dry. Keep parts out of the reach of children. Reassemble the clean nebulizer, and place in a cool, dry place.

<https://www.youtube.com/watch?v=9K3yL4vW6h>

0

