How to Use a Chamber with Mask

for Metered Dose Inhalers

The AeroChamber Plus Flow-Vu® with Comfort Seal Mask is an anti-static holding device that is used to give medication from a metered dose inhaler (MDI) to young children who cannot coordinate their breathing well enough to use an MDI alone.

How to use a chamber with mask:

1. Insert MDI into chamber (see picture)
2. Shake MDI/chamber
3. Place the mask firmly over the child's mouth and nose.
4. Press down on the MDI canister to put one puff of the medication into the chamber.
5. Hold the mask in place until the child has taken six breaths. The flow indicator should flip open six times.
6. Repeat steps 2-5 until the prescribed number of puffs have been given. Give only one puff at a time.

If your child struggles when using the device, try to keep the mask in place. Most children will get used to it. Your child will get some medication into their lungs even if he/she cries. If the indicator flips open, the drug has been inhaled. You may also try giving the medication while your child is sleeping.

Please call us if you have any questions about how to use your chamber.

University of Florida
Pediatric Pulmonary Division
352-273-8380 M-F 8am-5pm
352-265-0111 after hours page a pediatric pulmonologist

How to take care of the chamber:

Wash the chamber weekly with a drop of dishsoap and water.
Rinse and let it air dry. Clean the mask with rubbing alcohol. Replace the chamber once a year (or sooner if damaged).

Note: only the AeroChamber® brand is covered by Florida Medicaid. Do not allow the pharmacy to substitute the Optichamber® brand. It delivers less drug to the lungs.