

Metered Dose Inhalers (MDI) for Children with Trach Tubes

What is a Metered Dose Inhaler (MDI) used for?

An MDI is used to treat wheezing or to give corticosteroids. It can be used while traveling or when the nebulizer machine cannot be used.

What supplies are needed?

- Manual Resuscitator bag and mask
- AeroChamber mini™
- Meter dose inhaler
- Oxygen (if oxygen is ordered)



What are the steps for using a MDI?

1. Connect the manual resuscitator bag to the side with the canister.
2. Shake the MDI canister before using.
3. If new, or not used in a while, prime the MDI into air by spraying 4 times into the air.
4. Put the MDI canister into Canister Port.
5. Put the other end of the Chamber on your child's trach tube.
6. After your child exhales, press the MDI canister down to give one puff.
7. While your child is breathing in, squeeze the manual resuscitator bag. Give your child 2 to 5 deep breaths.
8. Take the Chamber off your child's trach tube.

If your child...	Then...
Uses oxygen	<ol style="list-style-type: none"> 1. Put your child back on the trach collar between puffs. 2. Shake the MDI again before giving the next puff.
Does not use oxygen ...	Continue to step 9.

9. Repeat steps 4 through 7 for each puff ordered.

Special directions

- Be sure to suction your child before giving the MDI.
- The Chamber is ordered through your durable medical equipment (DME) provider, not the pharmacy.
- **If using more than one MDI start with the one that relaxes the airways.** Then give the corticosteroids.

Replace the equipment monthly.

ALERT: Call your child's doctor, nurse, or clinic if you have any questions or concerns or if your child has special health care needs that were not covered by this information.

This teaching sheet is meant to help you care for your child. It does not take the place of medical care. Talk with your healthcare provider for diagnosis, treatment, and follow-up.