

## Let's Talk About...

# Breathing treatment: eRapid™ nebulizer system

The eRapid™ nebulizer system is a nebulizer that uses a vibrating membrane to create a mist.

### Who can use the eRapid™ nebulizer system?

The eRapid nebulizer is best for children two years old and older who can take treatments while sitting up. Babies and children who cannot sit up should not use the eRapid nebulizer system.

### What medicine can my child use with the eRapid™ nebulizer system?

Your child can use albuterol, hypertonic saline, and pulmozyme with the eRapid nebulizer system.

### How does my child use the eRapid™ nebulizer system?

Have your child follow these instructions:

- 1 Wash and dry your child's hands.
- 2 Follow the instruction manual to assemble the eRapid nebulizer handset.
- 3 Make sure the eRapid nebulizer handset is on a flat, stable surface.
- 4 Pour only the medicine your healthcare provider prescribed into the nebulizer medicine reservoir. Be careful not to overfill the reservoir. The maximum volume fill is 6 mL. Do not use medicine prescribed for other nebulizers in the eRapid nebulizer system.
- 5 Line up the tabs on the medicine cap with the tab slots on the medicine reservoir. Turn the cap clockwise until it stops.

- 6 To begin the treatment, sit in a relaxed, upright position. Press and hold the on/off button for a few seconds. You will hear one beep, and the status light will turn green. The eFlow technology logo will appear letting you know that the controller is now on.
- 7 After a few seconds, aerosol mist will begin to flow into the nebulizer chamber.
- 8 The controller will display the treatment screen if the eRapid nebulizer system is working properly.
- 9 Put the mouthpiece on top of your child's bottom lip and tongue and have them close their lips around it. If your child uses a mask, put the mask over your child's nose and mouth. Create a tight seal on their face, but avoid the eyes.



- 10 Hold the eRapid handset level. If you hold it down more than 45 degrees, the aerosol head will beep twice, and the status light on the controller will flash 2 green lights. After about 30 seconds, the controller will shut off. If this happens, hold the handset level and press the on/off button to resume treatment.
- 11 Keep the eRapid handset level when using it. If the handset is tilted, the dosage may not be accurate.
- 12 Breathe normally in and out until you finish the treatment.
- 13 When you have inhaled all the medicine, the aerosol head will beep twice. The dose complete screen will appear, and the controller will automatically shut off.
- 14 The eBase controller allows you to pause when necessary. If you must pause your treatment before completing it, press and hold the controller's on/off button for one full second. The eRapid nebulizer's pause mode is activated when the LED flashes green. The display will switch from treatment to pause. When you're ready to resume the treatment, press and hold the controller on/off button for one full second. The treatment will resume, and the controller display will switch from the pause screen to the treatment screen.
- 15 The controller will shut off automatically at the end of the treatment. The eRapid nebulizer handset can hold about 1 mL (or 1/5 teaspoon) of residual medicine. Open the medicine cap and make sure there is not more than 1 mL of medicine after a complete treatment. If there is, replace the cap and resume the treatment until only about 1mL remains in the reservoir.
- 16 Once you finish your treatment, take the eRapid handset apart to clean it.



### **How do I clean the eRapid™ nebulizer system?**

- 1 Add a few drops of clear liquid dish soap to a clean bowl and add warm tap water. Place all handset parts and the aerosol head in the warm soapy water for 5 minutes. Do not use white liquid dish soap (e.g., Ivory) or antibacterial soap.
- 2 Rinse the front and back of the aerosol head for about 1 minute under warm running tap water. Rinse the handset parts thoroughly under running warm tap water. Never use a brush or any other object to clean the aerosol head.
- 3 Disinfect after each use using an electronic steam sterilizer. You can also boil the parts in distilled water for 5 minutes in a clean pot.
- 4 Allow all parts to air dry on a clean paper or lint-free towel.

- 5 Use the easycare cleaning aid for the aerosol head. Do not use it more than 2 times a week. An aerosol head should not be washed more than 25 times total with the easycare cleaning aid.

### How do I use the easycare cleaning aid?

Read the instructions in the nebulizer instruction manual to use the easycare cleaning aid to clean the aerosol head. Do not use the easycare cleaning aid with any other products except the aerosol head.

To clean the aerosol head with the easycare cleaning aid:

- Clean the eRapid nebulizer parts and aerosol head, following the instructions from the eRapid instruction manual.

- Backwash the aerosol head with the easycare aid, following the easycare instruction manual.
- Disinfect the eRapid nebulizer parts, including the aerosol head, by following the eRapid instruction manual.

### What if the eRapid™ nebulizer system is not working properly?

Read page 15 of the instruction manual to learn how to do a functionality test if your nebulizer isn't working.

### What if I have questions about the eRapid™ nebulizer system?

If you have questions about the eRapid nebulizer system, contact your child's healthcare provider.

### Notes

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