

# NebuTech Use

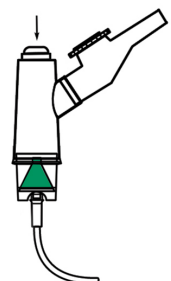
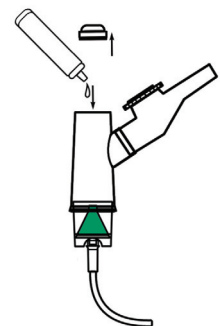
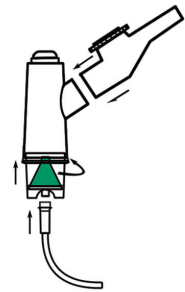
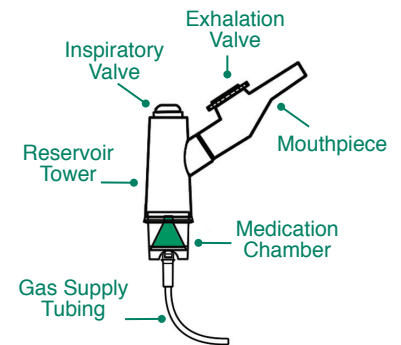
## NebuTech® 8960 Disposable Nebulizer Instructions for Use and Cleaning

Disposable, Single Patient Use

The nebulizer is for single-patient use and not intended to be reprocessed or autoclaved. The NebuTech nebulizer should not be used for more than 7 days. Replace more frequently if the nebulizer does not function properly, becomes contaminated or is cracked.

### Instructions for Use

1. Wash your hands. Use aseptic technique for assembling the nebulizer.
2. Remove NebuTech nebulizer from package.
3. Ensure that the Medication Chambers is connected tightly to the Reservoir Tower.
4. Remove the Mouthpiece from plastic bag.
5. Insert Mouthpiece into side elbow until secure.
6. Attach Gas Supply Tubing to the connector port at the bottom of medication chamber.
7. Keep nebulizer upright. Remove the Inspiratory Valve.
8. Add prescribed medication thru top of Reservoir Tower.
9. Replace Inspiratory Valve.
10. Set flow rate to 8 LPM to begin treatment.



# NebuTech® 8960 Disposable Nebulizer Instructions for Use and Cleaning (continued)

## To Use Nebulizer with a Mask

A mask adapter is included in the NebuTech package to ensure a secure connection of the mask to nebulizer.

1. Remove Inspiratory Valve and place on side elbow.
2. Keep nebulizer upright. Add prescribed medication thru top of Reservoir Tower.
3. Attach mask adapter and mask to Reservoir Tower.
4. Set flow rate to 8 LPM to begin treatment.
5. Apply mask to patient.

## Alternative Mask Options

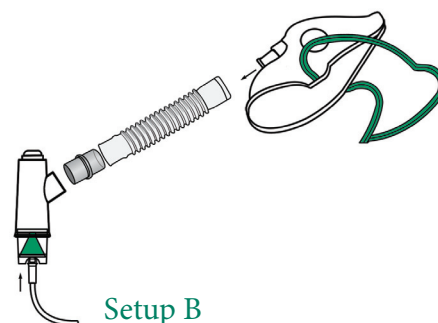
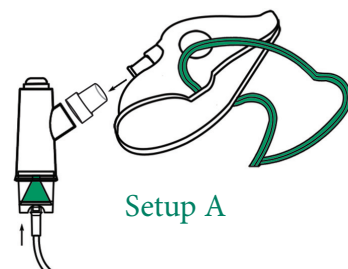
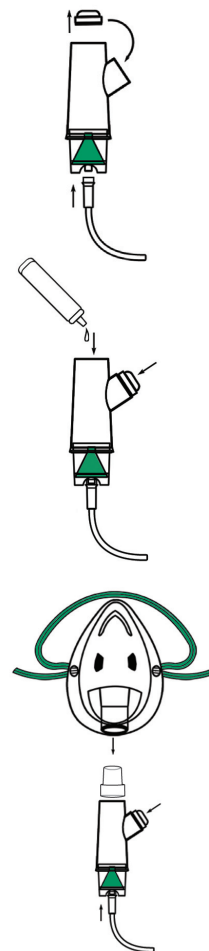
If patient is unable to sit upright or is in semi fowlers position, attach the mask to the side elbow of the nebulizer.

### Setup A

1. Attach the mask adapter and mask to the side elbow.

### Setup B

1. Additional equipment required includes a standard 15 mm ID/22 mm OD adaptor and a 6 inch corrugated aerosol tubing with 22 mm ID.
2. Insert adaptor into side elbow.
3. Attach one end of corrugate tubing to adaptor and the other end to the aerosol mask.



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# NebuTech® 8960 Disposable Nebulizer Instructions for Use and Cleaning (continued)

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## Suggested Cleaning Instructions for Hospital Use

The NebuTech Disposable nebulizer should be cleaned, rinsed with sterile water and air-dried between treatments on the same patient.<sup>1, 2, 3</sup> Cleaning procedures may vary depending on patient population, disease process and hospital infection control policies. Always follow your hospital's policy and procedure for the delivery aerosol treatments and cleaning of equipment. If your hospital does not have an applicable cleaning procedure, three suggested cleaning methods derived from references are provided below.

### Suggested Cleaning Method 1<sup>1, 3, 4</sup>

1. After each treatment, shake out excess fluid through side elbow/mouthpiece.
2. Add 3 ml of sterile water solution through the inspiratory valve port.
3. Replace inspiratory valve, gently shake nebulizer to clean and rinse the medication chamber.
4. Pour out fluid through side elbow/mouthpiece.
5. Reconnect gas supply tubing to compressed air/oxygen source.
6. Turn flowmeter to 10 lpm to clear any residual fluid.
7. Air dry nebulizer and store in clean equipment bag.

### Suggested Cleaning Method 2<sup>1, 2, 4</sup>

1. After each treatment, detach the gas supply tubing.
2. Disassemble the NebuTech nebulizer.
3. Wash all parts including mouthpiece/mask in warm soapy water.
4. Rinse parts thoroughly with sterile water and air dry.
5. Reassemble and store in clean equipment bag.

### Suggested Cleaning Method 3<sup>1, 3, 5</sup>

1. After each treatment, drain out excess medication through side elbow/mouthpiece.
2. Turn flowmeter to 10 LPM to clear any residual fluid.
3. Place nebulizer in clean equipment bag.
4. Every 24 hours, detach gas supply tubing and disassemble NebuTech nebulizer.
5. Wash all parts with warm soapy water.
6. Soak parts in 70% isopropyl alcohol for 5 minutes or Control III per manufacturer's instructions.
7. Rinse with sterile water.
8. Air dry or hand dry nebulizer parts with a lint free cloth or paper towel.
8. Reassemble and place in clean equipment bag.

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# NebuTech® 8960 Disposable Nebulizer Instructions for Use and Cleaning (continued)

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## References

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1. Ari A, Restrepo R. Aerosol Delivery Device Selection for Spontaneously Breathing Patients. 2012. AARC Clinical Practice Guidelines. *Respir Care* 2012;57(4):613-626.
2. Ari A, Hess D, Myers TR, Rau JL. A guide to aerosol delivery devices for respiratory therapists 3rd. Irving, TX: American Association for Respiratory Care; 2013.
3. Tablan OC, Anderson LJ, Besser R, Bridges C, Hajjeh R. Guidelines for preventing health care-associated pneumonia 2003. Recommendations of the CDC and the Healthcare Infection Control Practices Advisory Committee. *MMWR Morb Mortal Wkly Rep* 2004;53(RR-3):1-36.
4. Boe J, Dennis JH, O'Driscoll BR, Bauer TT, Carone M, Dautzenberg B, et al; European Respiratory Society Guidelines On the Use of Nebulizers. *Eur Respir J* 2001;18(1):228-242.
5. Saiman L, Siegel J. Infection control recommendations for patients with cystic fibrosis: microbiology, important pathogens, and infection control practices to prevent patient-to-patient transmission. *Infect Control Hosp Epidemiol* 2003;31(3):S6-S62.