

Suggested Cleaning Instructions for Hospital Use

Salter 8900 Series jet nebulizers are single-patient use and disposable. The nebulizers should be replaced every 7 days. Replace the nebulizer sooner, if it becomes damaged, contaminated or is not functioning properly.

Cleaning procedures may vary depending on the patient population, disease process and the hospital's infection control policies. Always follow your facility's policy and procedure for the delivery of aerosol treatments and the cleaning of equipment. If your facility does not have a cleaning procedure, listed below are five suggested cleaning methods derived from references.

Cleaning Option 1 ⁵

1. After each treatment, shake out the excess fluid.
2. Air dry the nebulizer.
3. Store the nebulizer in a clean equipment bag.
4. Discard and replace the nebulizer after 7 days of use

Cleaning Option 2 ^{11, 3, 4, 5, 6, 8}

1. After each treatment, rinse the inside of the nebulizer with sterile water or normal saline.
2. Shake out the excess fluid.
3. Air dry or hand dry the nebulizer with a lint free cloth.
4. Store the nebulizer in a clean equipment bag.
5. Discard and replace the nebulizer after 7 days of use.

Cleaning Option 3 ^{6, 8}

1. After each treatment, detach the gas supply tubing.
2. Completely submerge the nebulizer in a 70% Isopropyl alcohol solution for one minute.
3. Shake out the 70% Isopropyl alcohol solution and air dry.
4. Store the nebulizer in a clean equipment bag.
5. Discard and replace the nebulizer after 7 days of use.

Cleaning Option 4 ^{1, 2, 4, 6, 7, 8}

1. After each treatment, detach the gas supply tubing.
2. Disassemble the nebulizer.
3. Wash all the parts including the mouthpiece/mask in warm soapy water. Use an unscented, mild liquid detergent.
4. Rinse the parts thoroughly with water.
5. Air dry or hand dry the nebulizer with a lint free cloth.
6. Reassemble and store in a clean equipment bag.
7. Discard and replace the nebulizer after 7 days of use.

Continued on the next page

Cleaning & Low Disinfection Option 5^{1, 3, 5}

8. After each treatment, drain the excess medication through the side elbow/mouthpiece.
9. Place the nebulizer in a clean equipment bag.
10. Every 24 hours, detach the gas supply tubing and disassemble the nebulizer.
11. Wash all nebulizer parts with warm soapy water. Use a mild, unscented liquid detergent.
12. Soak nebulizer parts in 70% Isopropyl alcohol for 10 minutes or Control III per manufacturer's instructions. Rinse with water.
13. Air dry or hand dry the nebulizer parts with a lint free cloth or paper towel.
14. Reassemble parts and place in a clean equipment bag.
15. Discard and replace the nebulizer after 7 days of use.

References

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.
6. Monaghan. AeroEclipse II. Instructions for use. Trudell Medical International. 2015 105015-001 Rev K
7. Pari LC D Disposable Nebulizer. PARI Respiratory Equipment. 2013; DS-22-710 Rev I 14-13
8. TriggerNeb Reusable Nebulizer and mouthpiece. Instructions for use. Logic Ventures. LV126/REV003_2016_09