

Pediatric Emergency Asthma Tip Sheet

1. Aerogen is **only** used for administration of Albuterol and/or Atrovent for Asthma and Bronchiolitis.
2. The Pediatric ED Asthma Pathway is driven by the PAS score and the weight of the patient at the time of arrival.
3. The most effective dosing occurs with the use of the Aerogen mouth piece.
4. When using a face mask it must have a valve (green or white in color) to prevent medication from escaping; if absent cover the openings with silk tape
5. Only use face mask with valve (green or white in color) for all patients under the age of five years
6. When using the face mask you must have the oxygen tubing attached to wall oxygen source at a minimum of 1L/MN or 2L/MN this will provide the necessary pressure to achieve nebulization.
7. The maximum volume in the solo cup on the starter kit is six (6) ml.
8. Only the Aerogen starter kits should be transported with the patient to the PICU
9. Aerogen supplies are stored in the locked storage closet in the ambulance bay to the left of the ambulance doors; it's the closet closest to the wall. Jeff Phillips and Kayla Wilkerson are the only staff members with a key. In their absence please call Hospital Police.
10. Utilize the Nursing Order sets located in the Triage Narrator choose the medication dose based on the PAS score and weight of the patient.
11. Administer the first dose within twenty minutes (20) of arrival; the clock starts when the patient arrives to the department.

12. All patients with a PAS score of three (3) or greater require steroids within sixty minutes (60) of arrival the clock starts when the patient arrives to the department. Request an order from the treating physician.
13. Always administer the steroids before administering Magnesium Sulfate IV.
14. Magnesium Sulfate is administered over twenty (20) minutes via syringe pump of infusion pump.
15. Page Pediatric RT at **123-3919** for all patients with a PAS score of six (6) or greater. They are expected to arrive within **five to eight (5-8) minutes** from the time of receiving the page.
16. Document the time you page Pediatric RT and the time they arrive.
17. Document an end time for all continuous Albuterol