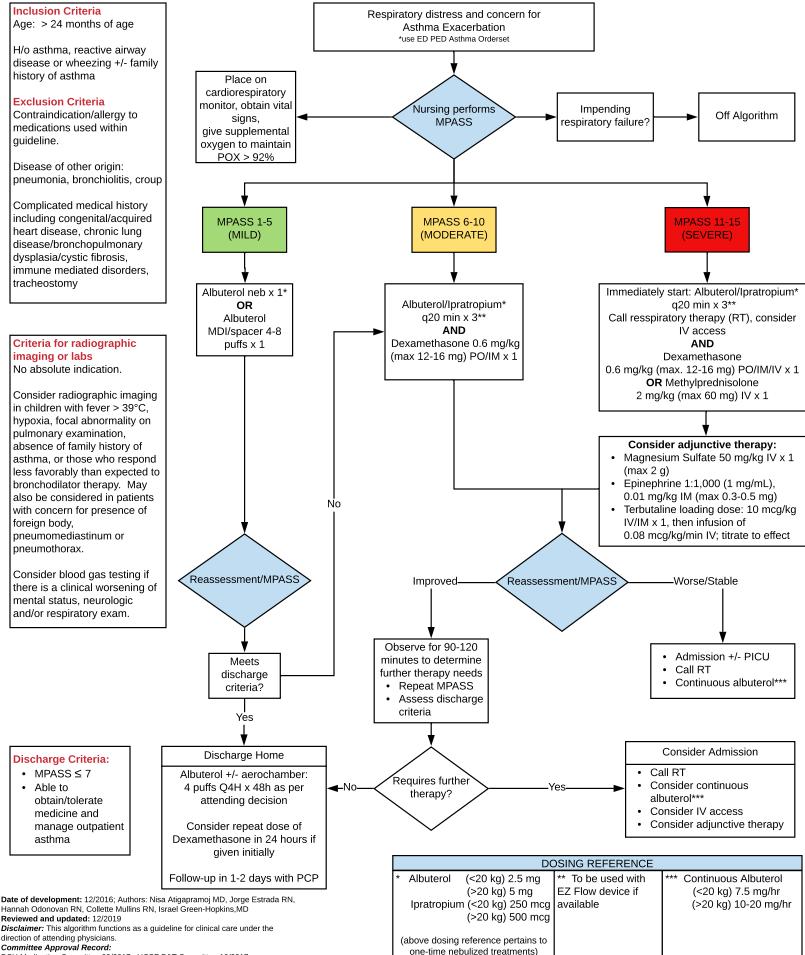
PEDIATRIC EMERGENCY MEDICINE EVIDENCE-BASED PATHWAY

MANAGEMENT OF ACUTE ASTHMA EXACERBATIONS © BCH Emergency Department





BCH Medication Committee 09/2017 ; UCSF P&T Committee 10/2017

Modified Pediatric Asthma Severity Score (MPASS)

| | 0 | 1 | 2 | 3 |
|-------------------------|--|--|---|--|
| Oxygenation | > 98% on RA | 95% - 97% in RA | 90% - 94% on RA | < 90% on RA |
| Auscultation | No wheezing Normal breath sounds | End expiratory wheezes | Inspiratory and expiratory wheezes | Wheezing audible w/o stethoscope or silent chest |
| Retractions | No retractions | Intercostal retractions and/or diaphragmatic (belly) breathing | 2 of the following: Intercostal Suprasternal Diaphragmatic (belly) breathing Nasal flaring (infant) | 3 of the following: Subcostal Intercostal Substernal Supraclavicular Nasal flaring or Head bobbing (infant) |
| Dyspnea | Absent dyspnea; speaks in complete sentences; alert; playful | Normal activity and speech. Some dyspnea, irritable, coughing after play | Decreased activity 5-8 word sentences. Moderate dyspnea; not sleeping or eating; coughing after play | Not speaking. Severe dyspnea; grunting; lethargic, stops playing |
| Resp Rate | | | | |
| Infant (birth – yr) | < 60 | 60-80 | 81-99 | ≥ 100 |
| Toddler (>1-3 yrs) | < 40 | 40-60 | 61-79 | ≥ 80 |
| Preschool (>3-6 yrs) | < 30 | 30-40 | 41-59 | ≥ 60 |
| School Age (>6 -12 yrs) | < 20 | 20-26 | 27-30 | ≥ 31 |
| Adolescent (>12-18 yrs) | < 18 | 18-23 | 24 - 27 | ≥ 28 |
| Severity Scores | 0 | 1-5 MILD | 6-10 MODERATE | 11-15 SEVERE |