

Division of Paediatric Emergency Medicine

Asthma Continuing Treatment Order Set For patients who have received treatment as per the Asthma Initial Treatment

Order Set and require continuing treatment for their symptoms

| PRAM Score (Pediatric Respiratory Assessment Measure) | | | | | | | |
|--|--------|-----------------------|---------------------------|--|--|--|--|
| | | | | | | | |
| Signs | 0 | 1 | 2 | 3 | | | |
| Suprasternal retractions | Absent | | Present | | | | |
| Scalene muscle contractions | Absent | | Present | | | | |
| Air entry* | Normal | Decreased at bases | Widespread decrease | Absent / minimal | | | |
| Wheezing* | Absent | Expiratory only | Inspiratory expiratory | Audible without stethoscope / silent chest with minimal air entry | | | |
| O ₂ saturation | ≥95% | 92-94% | <92% | | | | |
| * If asymmetric findings between right and left lungs, the most severe side is rated | | | | | | | |

| LAST NAME | (FIRST) | | | | |
|----------------------------------|--------------|--|--|--|--|
| MRN | VISIT NUMBER | | | | |
| DATE OF BIRTH YYYY-MM-DD | SEX | | | | |
| ADDRESS | | | | | |
| IMPRINT OR ENTER DETAILS BY HAND | | | | | |

| vveignt (kg) | | □ NKDA | | | |
|---------------|--|---------------------|------|-----------|--|
| Time Interval | | | PRAM | Signature | |
| | | 1 hr post-treatment | | | |
| | | 2 hr post-treatment | | | |
| | | | | | |
| | | | | | |

Allergies

Weight (kg)

| Order time / MD signature | | | Date: | | | Time noted / RN signature | |
|---------------------------|--|--|---|---|---------|---------------------------|--|
| 1 hour | salbutamol MDI (100 mcg/puff) inhaled via spacer device | | | | | | |
| | PRAM 1-3 | PRAM 4-7 | | PRAM 8-12 | | | |
| ☐ 8 puffs x 1 | | ☐ 8 puffs q15 min x 3 | | ☐ 8 puffs q15 min x 3 | | | |
| | ☐ continue to observe | ☐ 8 puffs q4h and q | min prn | ☐ 8 puffs q2h and q | min prn | | |
| | magnesium sulfate | | | | | | |
| | If minimal or no improvement, deteriorating, or PRAM ≥ 5 consider: | | | | | | |
| | ☐ magnesium sulfate _ | | mg IV (40 mg/kg/dose, max 2500 mg/dose) | | | | |
| | ☑ MD to reassess in minutes | | | | | | |
| 2 hours | salbutamol MDI (100 mcg/puff) inhaled via spacer device | | | | | | |
| | PRAM 1-3 | PRAM 4-7 | | PRAM 8-12 | | | |
| | ☐ 8 puffs x 1 | ☐ 8 puffs q15 min x 3 | | ☐ 8 puffs q15 min x 3 | | | |
| ☐ continue to observe | | ☐ 8 puffs q4h and q | min prn | ☐ 8 puffs q2h and q | min prn | | |
| | ☑ MD to reassess in | eassess in minutes | | | | | |
| 3 hours | salbutamol MDI (100 mcg/puff) inhaled via spacer device | | | | | | |
| | PRAM 1-3 | PRAM 4-7 | | PRAM 8-12 | | | |
| | ☐ 8 puffs x 1 | ☐ 8 puffs q15 min x 3 | | ☐ 8 puffs q15 min x 3 | | | |
| | ☐ continue to observe | ☐ 8 puffs q4h and q | min prn | ☐ 8 puffs q2h and q | min prn | | |
| | ☑ MD to reassess in minutes | | | | | | |
| | Disposition | | | | | | |
| | PRAM 1-3 | PRAM 4-7 | | PRAM 8-12 | | | |
| | if previous ICU | consider admission | | consider admission, | | | |
| | admission, observe • consider tra | | • • | | | | |
| | for minimum 4 hr paediatrics ward • consider alternative DDx | | | Dx | | | |
| | Discharge instructions | | | | | | |
| | additional systemic steroids | | | | | | |
| | ☐ dispense 2 nd dose of dexamethasone mg PO x 1 (0.3 mg/kg/dose, max 20 mg/dose) | | | | | | |
| | for home use the next day OR | | | | | | |
| | prescribe predniSONE/predniSOLONE (1mg/kg/day, max 60 mg/day) PO as a single daily | | | | | | |
| | dose x 4 more days (consider for patients with previous PICU admissions) | | | | | | |
| | • recommend salbutamol inhaler (4-8 puffs q4h as needed) | | | | | | |
| | recommend inhaled corticosteroids (eg. Flovent) twice daily for 12 weeks | | | | | | |
| | review discharge instructions | | | | | | |
| | • review MDI and spacer technique (resources provided from AboutKidsHealth) | | | | | | |
| | follow up with primary care physician for assessment and/or referral to an asthma specialist | | | | | | |