Emergency Department
Pediatric Asthma Care Map
Physician Standard Order Sheet

METERED-DOSE INHALER/SPACER

These orders are to be used as a guideline and do not replace sound clinical judgment and professional practice standards. Patient allergy and contraindications must be considered when completing these orders.

- Standard orders. If not in agreement with an order, cross out and initial.
- Requires a check (✓) for activation.

A Medication Order for pediatric patients who weigh 50 kg or less must include the dosage by weight in terms of ‘milligrams per kilogram per day’ or ‘milligrams per kilogram per dose’ OR by body surface area (‘milligram per square meter per dose or day’). (WRHA Medication Order Writing Standard, March 2009)

<table>
<thead>
<tr>
<th>Drug Allergies</th>
<th>ORDER TRANSCRIBED AND ACTIVATED</th>
<th>DATE TIME</th>
</tr>
</thead>
</table>
| MEDICATION ORDERS
TO BE INITIATED OR DISCONTINUED | Patient’s Height _______________________________ | |
| | Patient’s Weight _______________________________ | |
| | GENERAL ORDERS
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- Supplemental oxygen to keep oxygen saturation greater than 92%
- First Metered-dose Inhaler/Spacer: Salbutamol (100 micrograms/puff) 8 puffs and Ipratropium Bromide (20 micrograms/puff) 3 puffs
- Corticosteroid (choose one option):
  - Dexamethasone _____ mg po x 1 dose
    (dose ~ 0.6 mg/kg/dose – rounded to the nearest 2 mg, maximum 10 mg/dose)
  - Prednisone/Prednisolone _____ mg po x 1 dose
    (dose ~ 1 mg/kg/dose rounded up to the nearest 5 mg, maximum 50 mg/dose)
  - Methylprednisolone _____ mg IV x 1 dose
    (dose ~ 2 mg/kg/dose, maximum 125 mg/dose)
- Second Metered-dose Inhaler/Spacer (20 minutes following first MDI/Spacer):
  - Salbutamol (100 micrograms/puff) 8 puffs and Ipratropium Bromide (20 micrograms/puff) 3 puffs
- Third Metered-dose Inhaler/Spacer (20 minutes following second MDI/Spacer):
  - Salbutamol (100 micrograms/puff) 8 puffs and Ipratropium Bromide (20 micrograms/puff) 3 puffs
- Resume oxygen therapy to keep oxygen saturation greater than 92%

Capillary Blood Gas done at ___________ hours

Discharge criteria met:
- oxygen saturation on room air while awake greater than 92%
- respiratory, neurological and cardiovascular status stable for 60 minutes without bronchodilator therapy.
- discharge medications available at home or prescription provided.
- family received and understands Asthma Discharge Plan.