

Recommended for children aged 12 months – 18 years with a diagnosis of asthma

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- Complete General Inpatient Orders (page 1). Determine entry phase on admission and complete orders for that phase: either Phase I (page 2) or Phase II (page 4) or Phase III (page 5). Send only general orders and admission phase order to pharmacy.
- Pre-selected orders (■) will be followed automatically. To cancel pre-selected orders, strike through and initial.
- Optional orders (□) can be given by selecting the corresponding check boxes.

|              | Upon subsequent phase change, complete orders  | for next phase and send to | pharmacy.                  |  |  |  |
|--------------|--|----------------------------|----------------------------|--|--|--|
| Ge           | neral Inpatient Orders (page 1)  | Date (yyyy-Mon-dd)         | Time (hh:mm)               |  |  |  |
|              | Admit to hospital Diagnosis: Status Asthmaticus Isolation  |                            |                            |  |  |  |
|              | Determine height and weight on admission   |                            |                            |  |  |  |
|              | Diet: Clear fluids while in Phase I; diet as tolerated once in Phase II and III  Monitor intake and output, q h  |                            |                            |  |  |  |
|              | Blood pressure qh  |                            |                            |  |  |  |
|              | Asthma education: Arrange for asthma education (   |                            | )                          |  |  |  |
| Ot           | her Investigations (indicate timing for labs) / Referra  | ls                         |                            |  |  |  |
|              |  |                            |                            |  |  |  |
|              |  |                            |                            |  |  |  |
|              | ral/IV corticosteroids  I PredniSONE/prednisoLONE liquid/tablet (circle choice)mg PO daily for 5 days. (Recommended dosing 1-2 mg/kg/day. Max dose 60 mg) OR |                            |                            |  |  |  |
|              | Dexamethasone liquidmg PO daily for days (recommended dosing 0.15-0.3 mg/kg/day. Max   |                            |                            |  |  |  |
|              | dose 10 mg recommended 3-5 days) OR  |                            |                            |  |  |  |
|              | Other corticosteroid (specify)   |                            |                            |  |  |  |
| Inh          | aled corticosteroids   |                            |                            |  |  |  |
|              | Beclomethasone inhaler, puffs bid (100 micr  | ogram per puff; usual dos  | ing 1 – 2 puffs) <b>OR</b> |  |  |  |
|              | Other inhaled corticosteroid (specify)   |                            |                            |  |  |  |
|              | □ Other maintenance asthma medication (specify)  |                            |                            |  |  |  |
|              | V Fluids Infusion  ☐ D5W-0.45% sodium CHLORIDE with 20 mmol potassium CHLORIDE/Liter at mL/h IV via peripheral line  |                            |                            |  |  |  |
|              | □ Other IV fluids (specify)  |                            |                            |  |  |  |
| Other Orders |  |                            |                            |  |  |  |
|              |  |                            |                            |  |  |  |
|              |  |                            |                            |  |  |  |
| Ph           | Physician Name (print) Signature   |                            |                            |  |  |  |

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| Ph  | ase I orders   | Date (yyyy-Mon-dd)            | Time (hh:mm)               |  |  |
|-----|--|-------------------------------|----------------------------|--|--|
|     | Admit into Phase I of AHS Pediatric Asthma Clini   | cal Pathway for Inpatient     | Care Entry Point "A"       |  |  |
|     | Assessment by modified PRAM score q30min to q7   | Ih as per pathway; modified   | PRAM assessment 15         |  |  |
|     | minutes post each dosing of salbutamol as per path   | nway                          |                            |  |  |
|     | O2 Therapy (Titrate to Saturation) - Maintain SpO2   | at 93%. If O2 requirements    | are rising rapidly, please |  |  |
|     | call the physician   |                               |                            |  |  |
|     | Other monitoring (specify)   |                               |                            |  |  |
|     | Continuous oxygen saturation monitoring  |                               |                            |  |  |
|     | Salbutamol inhaler via MDI/Spacer  |                               |                            |  |  |
|     | ☐ If less than 20 kg, 5 puffs q30-60min modified PRAM score  | PRN as per Phase I of AstI    | nma Pathway based on       |  |  |
|     | ☐ If 20 kg or greater, 10 puffs q30-60m  | in PRN as per Phase I of As   | sthma Pathway based on     |  |  |
|     | modified PRAM score  |                               |                            |  |  |
|     | Other Salbutamol (specify)   |                               |                            |  |  |
|     | Once modified PRAM score is less than 3 when assessed 1 hour after last salbutamol, or if in Phase I for |                               |                            |  |  |
|     | 6 hours, call MD to consider transfer to Phase II  |                               |                            |  |  |
| Oth | ner Orders (If additional orders are required during I   | Phase I, fill in boxes below) |                            |  |  |
|     |  |                               |                            |  |  |
|     |  |                               |                            |  |  |
|     |  |                               |                            |  |  |
|     |  |                               |                            |  |  |
|     |  |                               |                            |  |  |
| Ph  | Physician Name (print) Signature   |                               |                            |  |  |
|     |  |                               |                            |  |  |
| Dat | e (yyyy-Mon-dd)  | Time (hh:mm)                  |                            |  |  |
|     |  |                               |                            |  |  |

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## **Inpatient Pediatric Asthma Patient Care Orders**

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|     | ders if patient is clinically deteriorating while in ase I     | Date (yyyy-Mon-dd)           | Time (hh:mm)          |  |  |  |  |
|-----|--|------------------------------|-----------------------|--|--|--|--|
|     | Chest X-ray, PA and Lateral                                    |                              |                       |  |  |  |  |
|     | Chest X-ray, AP portable STAT                                  |                              |                       |  |  |  |  |
|     | Capillary blood gas, once, STAT on current therapy             | 1                            |                       |  |  |  |  |
|     | Venous blood gas, once, STAT on current therapy                |                              |                       |  |  |  |  |
|     | Arterial blood gas, once from radial artery, STAT or           | current therapy              |                       |  |  |  |  |
|     | Salbutamol inhaler via MDI/Spacer                              |                              |                       |  |  |  |  |
|     | ☐ If less than 20kg, 5 puffs q20min, time                      | es 3 doses                   |                       |  |  |  |  |
|     | ☐ If 20kg or greater, 10 puffs q20min, tir                     | mes 3 doses                  |                       |  |  |  |  |
|     | Salbutamol solution via nebulizer                              |                              |                       |  |  |  |  |
|     | ☐ If less than 20kg, 2.5 mg in 3 mL salir                      | ne via oxygen q20min, times  | s 3 doses             |  |  |  |  |
|     | ☐ If 20 kg or greater, 5 mg in 3 mL salin                      | e via oxygen q20min, times   | 3 doses               |  |  |  |  |
|     | Continuous salbutamol solution via nebulizer v                 | ia oxygen                    |                       |  |  |  |  |
|     | ☐ If less than 20kg, 2.5 mg in 3 mL salir                      | ne via oxygen                |                       |  |  |  |  |
|     | ☐ If 20 kg or greater, 5 mg in 3 mL salin                      | e via oxygen                 |                       |  |  |  |  |
|     | Ipratropium inhaler via MDI/Spacer, 4 puffs q20min             | , times 3 doses with salbuta | amol                  |  |  |  |  |
|     | Ipratropium solution via nebulizer via oxygen, 250 i           | mcg q20min, times 3 doses    | with salbutamol       |  |  |  |  |
|     | ☐ MethylPREDNISolone Na succinate mg IV injection (choose one) |                              |                       |  |  |  |  |
|     | ☐ once (Recommended 2 mg/kg loading                            | g dose, max 80 mg/dose)      |                       |  |  |  |  |
|     | ☐ q6h. Start 6h after loading dose (Reco                       | ommended 1 mg/kg/day, ma     | ax 80 mg/day)         |  |  |  |  |
|     | Magnesium SULPHATE mg IV bolus injection                       | on over 20 minutes (Dosing   | 40 mg/kg/dose over 20 |  |  |  |  |
|     | minutes; max 2000 mg) ► Cardiorespirate                        | ory monitoring recommende    | d                     |  |  |  |  |
|     | 0.9% sodium CHLORIDE bolus infusion via periphe                | eral line (choose one)       |                       |  |  |  |  |
|     | ☐ 10 mL/kg as fast as possible                                 |                              |                       |  |  |  |  |
|     | ☐ 20 mL/kg as fast as possible                                 |                              |                       |  |  |  |  |
| Cus | Custom Orders  |                              |                       |  |  |  |  |
|     |  |                              |                       |  |  |  |  |
|     |  |                              |                       |  |  |  |  |
|     |  |                              |                       |  |  |  |  |
|     |  |                              |                       |  |  |  |  |
| Ph  | Physician Name (print) Signature                               |                              |                       |  |  |  |  |
|     |  |                              |                       |  |  |  |  |
|     |  |                              |                       |  |  |  |  |

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| Phase II orders  | Date (yyyy-Mon-dd) | Time (hh:mm) |  |  |  |
|--|--------------------|--------------|--|--|--|
| <ul> <li>Admit/Transfer into Phase II of AHS Pediatric Asthma Clinical Pathway for Inpatient Care.</li> <li>If Admit, start at Entry Point "A". If Transfer, start at Entry Point "B".</li> <li>All pathway compatible orders (indicated by ■) within this order will be followed automatically.</li> <li>Optional orders (indicated by □) can be given by selecting the corresponding check boxes.</li> <li>To cancel pre-selected orders, strike through and initial.</li> </ul>   |                    |              |  |  |  |
| <ul> <li>Assessment by modified PRAM score q1h to q2h as per pathway; modified PRAM assessment 15 minutes post each dosing of salbutamol as per pathway.</li> <li>O2 Therapy (<i>Titrate to Saturation</i>) – Maintain SpO2 at 93%. If O2 requirements are rising rapidly, please call the physician</li> <li>Salbutamol inhaler via MDI/Spacer</li> <li>If less than 20 kg, 5 puffs q1-2h PRN as per Phase II of Asthma Pathway based on modified PRAM score</li> <li>If 20 kg or greater, 10 puffs q1-2h PRN as per Phase II of Asthma Pathway based on modified PRAM score</li> </ul> |                    |              |  |  |  |
| □ Other Salbutamol (specify)   | >                  |              |  |  |  |
| Once in Phase II for 4 hours and modified PRAM score is less than 3 on assessement 2 hours after last salbutamol, and respiratory rate and O2 needs are stable, RN/RT may direct transfer to Phase III. If modified PRAM score is less than 3 on assessment 2 hours after last salbutamol but directed transfer criteria not met <b>or</b> patient has been in Phase II for 24 hours, call MD to consider transfer to Phase III.   |                    |              |  |  |  |
| Other Orders (if additional orders are required during Phase II, fill in boxes below)  |                    |              |  |  |  |
|  |                    |              |  |  |  |
| Physician Name (print) Signature   |                    |              |  |  |  |
| Date (yyyy-Mon-dd)   | Time (hh:mm)       |              |  |  |  |

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| Phase III orders   |  | Date (yyyy-Mon-dd)             | Time (hh:mm) |  |  |  |
|--------------------|--|--------------------------------|--------------|--|--|--|
| •                  | <ul> <li>Transfer to Phase III of AHS Pediatric Asthma Clincial Pathway for Inpatient Care Entry Point "B"</li> <li>All orders that are pathway compatible (indicated by ■) will be followed automatically.</li> <li>Optional orders (indicated by □) can be given by selecting the corresponding check boxes.</li> <li>To cancel orders, strike through and initial.</li> </ul> |                                |              |  |  |  |
|                    | <ul> <li>Assessment by modified PRAM score q4h as per pathway; modified PRAM assessment 15 minutes post each dosing of salbutamol as per pathway.</li> <li>O2 Therapy (<i>Titrate to Saturation</i>) – Maintain SpO2 at 90%. If O2 requirements are rising rapidly, please call the physician</li> </ul>   |                                |              |  |  |  |
| Bro                | onchodilator   |                                |              |  |  |  |
|                    | Salbutamol inhaler via MDI/Spacer 5 puffs q4h as per Phase III of Asthma Pathway OR  |                                |              |  |  |  |
|                    | Terbutaline Turbuhaler (Bricanyl) 2 puffs q4h as per Phase III of Asthma Pathway OR  |                                |              |  |  |  |
|                    | Salbutamol Discus (Ventolin Discus) 2 puffs q4h as per Phase III of Asthma Pathway OR  |                                |              |  |  |  |
|                    | Other order  |                                |              |  |  |  |
|                    |  |                                |              |  |  |  |
| Ot                 | her Orders (If additional orders are required during I   | Phase III, fill in boxes below | ')           |  |  |  |
|                    |  |                                |              |  |  |  |
|                    |  |                                |              |  |  |  |
| П                  |  |                                |              |  |  |  |
|                    |  |                                |              |  |  |  |
| Ph                 | ysician Name (print)   | Signature                      |              |  |  |  |
| Date (yyyy-Mon-dd) |  | Time (hh:mm)                   |              |  |  |  |

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## **Inpatient Pediatric Asthma Patient Care Orders**

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| D  | ischarge Instructions  | Date (yyyy-Mon-dd) | Time (hh:mm) |  |  |
|----|--|--------------------|--------------|--|--|
|    | Discharge Patient  |                    |              |  |  |
| •  | Follow up  □ Physician □ Refer for further asthma education  |                    |              |  |  |
|    | Give Childhood Asthma Essentials handout to family   |                    |              |  |  |
|    | If site does not have a mandated medicine reconcilliation process, complete Pediatric Asthma Discharge Prescription and Short-Term Plan, give to family and fax to |                    |              |  |  |
|    | Physician  |                    | -            |  |  |
| Ot | Other Orders   |                    |              |  |  |
|    |  |                    |              |  |  |
|    |  |                    |              |  |  |
|    |  |                    |              |  |  |
| Р  | Physician Name (print) Signature   |                    |              |  |  |

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