

# Alberta Health Services

#### Inpatient Pediatric Asthma Patient Care Orders

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

- 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  $(\Box)$  can be given by selecting the corresponding check boxes.
- Upon subsequent phase change, complete orders for next phase and send to pharmacy.

Ge	eneral Inpatient Orders (page 1)	Date (yyyy-Mon-dd)	Time (hh:mm)			
	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 Vital signs: respiratory rate, heart rate with each PRAM assessment, O2 saturation q4h and PRN before each dose of salbutamol, temperature q4h					
	Blood pressure qh					
	Asthma education: Arrange for asthma education (E	Best done in Phase II or III)				
Ot	her Investigations (indicate timing for labs) / Referral	s				
	al/IV corticosteroids					
	PredniSONE/prednisoLONE liquid/tablet (circle choice dosing 1-2 mg/kg/day. Max dose 60 mg) <b>OR</b>	e)mg PO daily for 5 d	ays. (Recommended			
	Dexamethasone liquidmg PO daily for d	ays (recommended dosing	0.15-0.3 mg/kg/day. Max			
	dose 10 mg recommended 3-5 days) <b>OR</b>					
	Other corticosteroid (specify)					
Inh	aled corticosteroids					
	Beclomethasone inhaler, puffs bid (100 micro	ogram per puff; usual dosin	g 1 – 2 puffs) <b>OR</b>			
	Other inhaled corticosteroid (specify)					
	Other maintenance asthma medication (specify)					
	<ul> <li>IV Fluids Infusion</li> <li>□ D5W-0.45% sodium CHLORIDE with 20 mmol potassium CHLORIDE/Liter at mL/h IV via peripheral line</li> </ul>					
	Other IV fluids (specify)					
Oth	Other Orders					
Ph	ysician Name (print)	Signature				

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Phase I orders		Date (yyyy-Mon-dd)	Time (hh:mm)			
Admit into Phase I of AHS Pediatric Asthma Clinical Pathway for Inpatient Care Entry Point "A"						
Assessment by modified	d PRAM score q30min to q1	Ih as per pathway; modified	PRAM assessment 15			
minutes post each dosi	ng of salbutamol as per path	nway				
O2 Therapy (Titrate to S	S <i>aturation) –</i> Maintain SpO2	at 93%. If O2 requirements	s are rising rapidly, please			
call the physician						
□ Other monitoring (speci	ify)					
Continuous oxygen sat	uration monitoring					
Salbutamol inhaler via I	•					
	an 20 kg, 5 puffs q30-60min	PRN as per Phase I of Ast	hma Pathway based on			
	PRAM score					
	or greater, 10 puffs q30-60m	in PRN as per Phase I of A	sthma Pathway based on			
	PRAM score					
□ Other Salbutamol (spec	:ify)					
Once modified PRAM s	core is less than 3 when as	sessed 1 hour after last sal	butamol, or if in Phase I for			
6 hours, call MD to con	sider transfer to Phase II					
Other Orders (If additional	orders are required during I	Phase I, fill in boxes below)				
P						
Physician Name (print)	Physician Name (print) Signature					
Date (yyyy-Mon-dd)	Date (yyyy-Mon-dd)Time (hh:mm)					

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Orders if patient is clinically deteriorating while in Phase 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	/					
	Venous blood gas, once, STAT on current therapy						
	Arterial blood gas, once from radial artery, STAT or	n 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, ti	mes 3 doses					
	Salbutamol solution via nebulizer						
	□ If less than 20kg, 2.5 mg in 3 mL sali	ne via oxygen q20min, time	s 3 doses				
	□ If 20 kg or greater, 5 mg in 3 mL salin	ne via oxygen q20min, times	3 doses				
	Continuous salbutamol solution via nebulizer v	ia oxygen					
	□ If less than 20kg, 2.5 mg in 3 mL sali	ne via oxygen					
	□ If 20 kg or greater, 5 mg in 3 mL salin	ne via oxygen					
	Ipratropium inhaler via MDI/Spacer, 4 puffs q20min	, times 3 doses with salbuta	amol				
	Ipratropium solution via nebulizer via oxygen, 250	mcg q20min, times 3 doses	with salbutamol				
	MethylPREDNISolone Na succinate mg IV i	njection (choose one)					
	□ once ( <i>Recommended 2 mg/kg loading</i>	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 <i>(choose one)</i>					
	□ 10 mL/kg as fast as possible						
	□ 20 mL/kg as fast as possible						
Cu	stom Orders						
Ph	Physician Name (print) Signature						
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Phase II c	orders	Date (yyyy-Mon-dd)	Time (hh:mm)		
<ul> <li>If Adr</li> <li>All pa</li> <li>Option</li> </ul>	If Admit, start at Entry Point "A". If Transfer, start at Entry Point "B".				
minute ■ O2 The call the	<ul> <li>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> </ul>				
□ Other	Salbutamol <i>(specify)</i>				
salbuta If mod	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.				
	ers (if additional orders are required during Phase II,	fill in boxes below)			
Physiciar	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 <i>(indicated by</i> ■) will be followed automatically.</li> <li>Optional orders <i>(indicated by</i> □) can be given by selecting the corresponding check boxes.</li> <li>To cancel orders, strike through and initial.</li> </ul>			
	each dosing of salbutamol as per pathway.			
Bro	onchodilator			
	Salbutamol Discus (Ventolin Discus) 2 puffs q4h as	per Phase III of Asthma Pa	ithway <b>OR</b>	
	Other order			
			<u></u>	
Ot	her Orders (If additional orders are required during I	Phase III, fill in boxes below	()	
Physician Name (print) Signature				
Date (yyyy-Mon-dd)		Time (hh:mm)		



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Discharge Ins	tructions	Date (yyyy-Mon-dd)	Time (hh:mm)	
Discharge F	Patient			
Follow up				
C	Physician			
[ [	□ Refer for further asthma education			
Give Childh	ood Asthma Essentials handout to family			
□ If site does	not have a mandated medicine reconcilliation pro	ocess, complete Pediatri	c Asthma Discharge	
Prescription	and Short-Term Plan, give to family and fax to			
Physician _				
Other Orders				
Physician Name (print) Signature				