Physician Orders for Asthma in the ED [250] For severe respiratory distress/signs of respiratory failure OR Failure to improve after 1 hour of treatment select Order Set # 251 Asthma - Severe Respiratory Distress/Failure to Improve after initial treatment. General CHEO NURSING INTERVENTION PRE SEND PATIENT WITH MED Until discontinued, Starting today Send Patient home with Medications Unused portion of the Salbutamol MDI may be dispensed to the patient upon discharge CHEO NURSING ASSESSMENT PRE ASTHMA PATHWAY Until discontinued, Starting today Pathway Initiation Pathway: Asthma Respiratory CHEO RESPIRATORY INTERVENTIONS PRE 02 92% NO COMMENTS Until discontinued, Starting today Oxygen Therapy SpO2 Target (equal to or greater than): 92% Medications For PRAM (Pediatric Respiratory Assessment Measure) Score of 1 - 3 (mild) "And" Linked Panel Salbutamol MDI salbutamol 100 mcg/puff MDI PRN DOSE Inhalation, Every 30 minutes PRN, Starting H+3 PRN FREQUENCY. Usual dose: Less than 6 kg: 200 mcg 6 - 16 kg: 400 mcg 16 - 24 kg: 600 mcg 24 - 34 kg: 800 mcg Greater than 34 kg: 1000 mcg Give via spacer device. For PRAM Score of 4-7 (moderate) Salbutamol MDI 100 mcg/puff salbutamol 100 mcg/puff MDI - Select ONLY if Inhalation, Every 20 minutes, For 3 Doses (If not already given as per medical directive) not already ordered as per medical directive Usual dose: Less than 6 kg: 200 mcg 6 - 16 kg: 400 mcg 16 - 24 kg: 600 mcg 24 - 34 kg: 800 mcg Greater than 34 kg: 1000 mcg Give via spacer device. salbutamol 100 mcg/puff MDI PRN DOSE Inhalation, Every 30 minutes PRN Usual dose: Less than 6 kg: 200 mcg 6 - 16 kg: 400 mcg 16 - 24 kg: 600 mcg 24 - 34 kg: 800 mcg Greater than 34 kg: 1000 mcg Give via spacer device. Oral steroid - Select ONLY if not already ordered under medical directive. (Single Response) Select ONLY if not already ordered under medical directive.

0.3 mg/kg/dose, Oral, Once, For 1 Doses If oral steroid not already given as per medical directive.
Usual dose: 0.3mg/kg/dose, MAX 10 mg.
2 mg/kg/dose, Oral, Once, For 1 Doses If oral steroid not already given as per medical
directive.
Usual dose: 2 mg/kg/dose. MAX 50 mg.
2 mg/kg/dose, Oral, Once, For 1 Doses
If oral steroid not already given as per medical
directive.
Usual dose: 2 mg/kg/dose. MAX 50 mg.
2 mg/kg/dose, Oral, Once, For 1 Doses
If oral steroid not already given as per medical
directive.
Usual dose: 2 mg/kg/dose. MAX 50 mg.
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directive
directive. Nebulization, Every 20 minutes, Starting today, For
3 Doses
If not already given as per medical directive
Usual dose: 3 to 6 kg: 0.625 mg = 1/2 of a 1.25
mg nebule (administer with 2 mL 0.9 % NaCl),
6 - 12 kg: 1.25 mg
12 - 20 kg: 2.5 mg
Greater than 20 kg: 5 mg
250 mcg, Nebulization, Every 20 minutes, Starting today, For 3 Doses
If not already given as per medical directive.
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directive.
0.3 mg/kg/dose, Oral, Once, For 1 Doses
If oral steroid not already given as per medical
directive.
Usual dose: 0.3mg/kg/dose, MAX 10 mg.
2 mg/kg/dose, Oral, Once, For 1 Doses
If oral steroid not already given as per medical
directive. Usual dose: 2 mg/kg/dose. MAX 50 mg.
2 mg/kg/dose, Oral, Once, For 1 Doses
If oral steroid not already given as per medical
directive.
Usual dose: 2 mg/kg/dose. MAX 50 mg.
2 mg/kg/dose, Oral, Once, For 1 Doses
If oral steroid not already given as per medical
directive.
Usual dose: 2 mg/kg/dose. MAX 50 mg.
"Or" Linked Panel
improving change to salbutamol MDI

salbutamol inhalation solution	Nebulization, Every 30 minutes PRN After initial 3 salbutamol nebulizations, if clinically improving change to salbutamol MDI. Usual dose: 3 to 6 kg: 0.625 mg = 1/2 of a 1.25 mg nebule (administer with 2 mL 0.9 % NaCl), 6 - 12 kg: 1.25 mg 12 - 20 kg: 2.5 mg Greater than 20 kg: 5 mg
salbutamol 100 mcg/puff MDI	Inhalation, Every 30 minutes PRN After initial 3 salbutamol nebulizations, if clinically improving change to salbutamol MDI. Usual dose: Less than 6 kg: 200 mcg 6 - 16 kg: 400 mcg 16 - 24 kg: 600 mcg 24 - 34 kg: 800 mcg Greater than 34 kg: 1000 mcg Give via spacer device.