CROUP IN THE EMERGENCY DEPARTMENT

GENERAL [19303]

Oral Hydration [19602]

- [ ] **Clear Fluids ad lib [DIET25]**
  Diet Type: Clear Fluids
  Effective Now, Starting Today, At: N

Isolation [19599]

- [x] **Droplet Contact Isolation [ISO6]** Continuous

CHEO NURSING ASSESSMENT ED CROUP [133211]

- [x] **Monitoring [NUR185]**
  Until Discontinued, Starting Today, At: N
  10 min post treatment assess Westley Croup Score, HR, and State (at rest, agitated, severely agitated).
  Repeat 5 puffs if respiratory distress inadequately resolved AND absent signs of toxicity (e.g. tachycardia, jittery).
  If excessive tachycardia (HR > 180) consider cardiac monitoring.

CHEO NURSING INTERVENTION PRE ED CROUP [26051]

- [x] **Pathway Initiation [NUR186]**
  Until Discontinued, Starting Today, At: N
  Pathway: Croup

CHEO NOTIFY PHYSICIAN PRE ED CROUP/BRONCHIOLITIS [26050]

- [x] **Notify physician if inhalation therapy not effective within 60 minutes. [NUR183]** Until Discontinued, Starting Today, At: N

INVESTIGATIONS - IMAGING [19304]

X-ray [19600]

- [ ] **X-RAY CHEST 2 VIEWS [IMG0020]** Hospital Performed
- [ ] **X-RAY CHEST 1 VIEW MOBILE [IMG6050]** Hospital Performed
- [ ] **X-RAY NECK SOFT TISSUE 2 VIEWS [IMG0074]** Hospital Performed
- [ ] **X-RAY NECK SOFT TISSUE 2 VIEWS MOBILE [IMG6188]** Hospital Performed

IV FLUIDS [19305]

IV FLUIDS [20277]

- [ ] **0.9% NaCl bolus [100118]**
  20 mL/kg/dose, Intravenous, Once, For 1 Doses
  MAX dose: 1000 mL.
  Infuse over {Infusion time:6519}.
- [ ] **0.9% NaCl infusion [3922]** Intravenous, Continuous
- [ ] **D5-0.9% NaCl infusion [1311]** Intravenous, Continuous

MEDICATIONS [19306]

Medications [20948]

- [ ] **Dexamethasone PO/IV [24292] (Selection Required)**

dexamethasone phosphate 1 mg/mL suspension [50016]
0.6 mg/kg/dose, Oral, Once, Starting Today, For 1 Doses
Usual dose: 0.6 mg/kg/dose, MAX 12 mg.

Or

dexamethasone phosphate 4 mg/mL injection [1268]
0.6 mg/kg/dose, Intravenous, Once, Starting Today, For 1 Doses
Usual dose: 0.6 mg/kg/dose, MAX 12 mg.

☐ **For severe croup (Westley Croup Score greater than or equal to 8): epinephrine 1 mg/mL inhalation solution [408200293]**
Nebulization, Q1H PRN, For 4 Doses
FOR INHALATION: Usual dose: 3 mL for patients under 10 kg, 5 mL for patients greater than or equal to 10 kg. Notify physician if inhalation therapy not effective within 60 minutes.

☐ **For moderate croup (Westley Croup Score greater than or equal to 3): epinephrine 0.125 mg/puff MDI [133117] (Selection Required)**

epinephrine 0.125 mg/puff MDI [40860039] 0.625 mg, Inhalation, Once, For 1 Doses

Followed by

epinephrine 0.125 mg/puff MDI [40860039]
0.625 mg, Inhalation, Q10 Min PRN, Starting 10 Minutes after signing, For 2 Doses
Administer WITHOUT aerochamber. If unable to tolerate without aerochamber, administer with aerochamber.

Repeat 0.625 mg (5 puffs) if respiratory distress inadequately resolved AND absent signs of toxicity (e.g. tachycardia, jittery). If excessive tachycardia (HR greater than 180) consider cardiac monitoring.

MAX: 1.875 mg (15 puffs) in 60 minutes.

☐ **budesonide 1 mg/2 mL inhalation suspension [626]** 2 mg, Nebulization, Once, For 1 Doses

☐ **Acetaminophen PO/PR & Ibuprofen PO [30625] (Selection Required)**

☐ **Acetaminophen PO/PR [30624] (Selection Required)**

acetaminophen 80 mg/mL suspension [34]
15 mg/kg/dose, Oral, Q4H PRN
Usual dose: 10 - 15 mg/kg/dose, MAX 75 mg/kg/day or 4,000 mg/day.

Or

acetaminophen chewable tablet [28]
15 mg/kg/dose, Oral, Q4H PRN
Usual dose: 10 - 15 mg/kg/dose, MAX 75 mg/kg/day or 4,000 mg/day.

Or

acetaminophen tablet [22]
15 mg/kg/dose, Oral, Q4H PRN
Usual dose: 10 - 15 mg/kg/dose, MAX 75 mg/kg/day or 4,000 mg/day.

Or

acetaminophen rectal suppository [13]
15 mg/kg/dose, Rectal, Q4H PRN
Usual dose: 10 - 15 mg/kg/dose, MAX 75 mg/kg/day or 4,000 mg/day.

☐ **ibuprofen 40 mg/mL suspension (4 weeks to 6 months) [2169]**
5 mg/kg/dose, Oral, Q8H PRN
Usual dose: 4 weeks to 6 months: 5 mg/kg/dose q8h prn

☐ **Ibuprofen PO (Greater than 6 months) [30622] (Selection Required)**

ibuprofen 40 mg/mL suspension [2169]

10 mg/kg/dose, Oral, Q6H PRN

Greater than 6 months: Usual dose: 10 mg/kg/dose, MAX 600 mg.

Or

ibuprofen chewable tablet [2163]

10 mg/kg/dose, Oral, Q6H PRN

Greater than 6 months: Usual dose: 10 mg/kg/dose, MAX 600 mg.

Or

ibuprofen tablet [2167]

10 mg/kg/dose, Oral, Q6H PRN

Greater than 6 months: Usual dose: 10 mg/kg/dose, MAX 600 mg.

Sign: _____