Physician Orders PEDIATRIC: LEB Critical Care Respiratory Plan

LEB Critical Care Respiratory Plan

Patient Care

☐ Cardiopulmonary Monitor
  ☐ T:N Routine, Monitor Type: End Tidal Co2 (DEF)*
  ☐ T:N Routine, Monitor Type: Transcutaneous Co2

Respiratory Care

☐ Initiate Pediatric CPT/Hyperinflation Protocol

☐ Peak Flow
  prn PRN, Special Instructions: when patient is able to perform test

☐ Oxygen Delivery
  ☐ Special Instructions: Titrate to keep O2 sat greater than or equal to 92% per policy. (DEF)*
  ☐ Special Instructions: Titrate to keep O2 sat greater than or equal to ____%

☐ Heliox

☐ Highflow, Nasal Cannula

☐ ETCO2

☐ Nasal CPAP
  q4h(std)

☐ Bubble CPAP
  q4h(std)

☐ Mechanical Ventilation (Ped)

☐ Ventilator Weaning Trial Medical by RT
  Special Instructions: Rt-wean per unit protocol

☐ Extubate-RT
  Special Instructions: Extubate patient per PICU Guidelines of Care
  NOTE: FLOW for High Frequency Ventilation <1000g (6-8)LPM, 1000g-2500g flow (10-12) LPM, Term infant with severe meconium aspiration: flow 15-20 LPM(NOTE)*

☐ High Frequency Ventilation

☐ Nitric Oxide (RT)
  20 ppm, optimum dose = 20 ppm (DEF)*
  optimum dose = 20 ppm
  wean by ___ppm, q__hrs

☐ ISTAT POC (RT Collect)
  ☐ Stat, Test Select ABG, Special Instructions: obtain 30 minutes after intubation (DEF)*
  ☐ Stat, Test Select ABG, Special Instructions: obtain 30 minutes after intubation
  ☐ Stat, Test Select ABG | Hct and Hgb | Glucose | Ionized calcium, Special Instructions: obtain 30 minutes after intubation
  ☐ Stat once, Test Select ABG | Glucose | Hct and Hgb | Ionized calcium, Special Instructions: obtain 30 minutes after intubation
  ☐ ISTAT POC (RT Collect)
  ☐ Stat once, Test Select VBG, Special Instructions: obtain 30 minutes after intubation (DEF)*
  ☐ Stat once, Test Select VBG, Special Instructions: obtain 30 minutes after intubation
  ☐ Stat once, Test Select Hct and Hgb | VBG | Glucose | Ionized calcium, Special Instructions: obtain 30 minutes after intubation
  ☐ Stat once, Test Select VBG | Hct and Hgb | Glucose | Ionized calcium

☐ ISTAT POC (RT Collect)
  ☐ Stat once, Test Select CBG, Special Instructions: obtain 30 minutes after intubation (DEF)*
Physician Orders PEDIATRIC: LEB Critical Care Respiratory Plan

- Stat once, Test Select CBG, Special Instructions: obtain 30 minutes after intubation
- Stat once, Test Select CBG | Glucose | Hct and Hgb | Ionized calcium, Special Instructions: obtain 30 minutes after intubation
- Stat, Test Select CBG | Hct and Hgb | Glucose | Ionized calcium, Special Instructions: obtain 30 minutes after intubation

- ISTAT POC (RT Collect)
  Stat, Special Instructions: SVOT
- Co-oximetry (RT Collect)
  Routine q12h

Continuous Infusion
- Sodium Chloride 0.9%
  1,000 mL, Intra-ARTERIAL, Routine, mL/hr, Infuse via ART line, To be performed by RT
- Sodium Chloride 0.9%
  1,000 mL, IV, Routine, mL/hr, Infuse via CVP line, To be performed by RT
- Heparin 2 Units/ml in 500 ml NS (Pediatric)
  500 mL, IV, STAT, Infuse via central line
- Heparin 2 Units/ml in 500 ml NS (Pediatric)
  500 mL, Intra-ARTERIAL, STAT, mL/hr, Infuse via arterial line

+1 Hours 1/4NS + 1 unit/ml Heparin (Pediatric) (IVS)*
  sterile water
  150 mL, IV, STAT, mL/hr
  Comments: Infuse via central or arterial line
  sodium chloride
  5.8 mEq
  Heparin 1000 units/ml Inj (additive)
  150 units

Medications
Respiratory Medications

Continuous Nebulization(NOTE)*
- Albuterol CONTINUOUS Neb PEDS (IVS)*
  Sodium Chloride 0.9% Irrig Bottle (cont neb dil)
  40 mL, NEB
  albuterol (cont neb additive)
  100 mg, 7.5 mg/hr
- Albuterol CONTINUOUS Neb PEDS (IVS)*
  Sodium Chloride 0.9% Irrig Bottle (cont neb dil)
  40 mL, NEB
  albuterol (cont neb additive)
  100 mg, 12.5 mg/hr
- Albuterol CONTINUOUS Neb PEDS (IVS)*
  Sodium Chloride 0.9% Irrig Bottle (cont neb dil)
  40 mL, NEB
  albuterol (cont neb additive)
  100 mg, 15 mg/hr

Intermittent Nebulization(NOTE)*
- +1 Hours albuterol 2.5 mg/3 mL (0.083%) inhalation solution
  2.5 mg, Inh Soln, NEB, q6h, PRN, Routine, (3 mL = 2.5 mg)
- +1 Hours albuterol 2.5 mg/3 mL (0.083%) inhalation solution
  2.5 mg, Inh Soln, NEB, q6h, PRN Wheezing, Routine, (3 mL = 2.5 mg)
  Comments: (3 mL = 2.5 mg)
- +1 Hours albuterol 2.5 mg/3 mL (0.083%) inhalation solution
Physician Orders PEDIATRIC: LEB Critical Care Respiratory Plan

1.25 mg, Inh Soln, NEB, q6h, PRN, Routine, (1.5 mL = 1.25 mg)

+1 Hours albuterol 2.5 mg/3 mL (0.083%) inhalation solution
1.25 mg, Inh Soln, NEB, q6h, PRN Wheezing, Routine, (1.5 mL = 1.25 mg)

+1 Hours albuterol (MDI)
puff, MDI, INH, q6h, Routine, (180 mcg = 2 puffs)

+1 Hours albuterol (MDI)
puff, MDI, INH, q6h, PRN Wheezing, Routine, (180 mcg = 2 puffs)

+1 Hours ipratropium
- 0.125 mg, Inh Soln, NEB, q8h, Routine, (0.625 mL = 0.125 mg) (DEF)*
- 0.25 mg, Inh Soln, NEB, q8h, Routine, (1.25 mL = 0.25 mg)
- 0.5 mg, Inh Soln, NEB, q8h, Routine, (2.5 mL = 0.5 mg)

+1 Hours fluticasone CFC free 44 mcg/inh inhalation aerosol
88 mcg, MDI, INH, bid, Routine, (2 puffs = 88 mcg)

+1 Hours fluticasone CFC free 110 mcg/inh inhalation aerosol
220 mcg, MDI, INH, bid, Routine, (2 puff = 220 mcg)

+1 Hours fluticasone CFC free 220 mcg/inh inhalation aerosol
440 mcg, MDI, INH, bid, Routine, (2 puff = 440 mcg)

+1 Hours budesonide
- 0.25 mg, Inh Soln, NEB, bid, Routine, (2 mL = 0.25 mg) (DEF)*
- 0.5 mg, Inh Soln, NEB, bid, Routine, (2 mL = 0.5 mg)

+1 Hours racpinephrine 2.25% inhalation solution
0.25 mL, Inh Soln, NEB, q4h, PRN Stridor, Routine

+1 Hours sodium chloride 7% inh sol
- 2 mL, Inh Soln, NEB, bid, Routine, give after bronchodilator and before airway clearance (DEF)*
- 4 mL, Inh Soln, NEB, bid, Routine, give after bronchodilator and before airway clearance

+1 Hours dornase alfa
- 2.5 mg, Inh Soln, NEB, QDay, Routine (DEF)*
  Comments: via PARI nebulizer (after hypertonic saline and before airway clearance)
- 2.5 mg, Inh Soln, NEB, bid, Routine
  Comments: via PARI nebulizer (after hypertonic saline and before airway clearance)

+1 Hours sodium bicarbonate 4.2% inhalation solution
1 mL, Inh Soln, INH, q2h, PRN Other, specify in Comment, Routine, Secretions
  Comments: Mix each mL of 4.2% sodium bicarbonate with 2.25 mL sterile water. For ET suctioning.

+1 Hours acetylcysteine 20% inhalation solution
1 mL, Inh Soln, NEB, q6h, PRN Other, specify in Comment, Routine, Secretions
  Comments: Mix each mL of acetylcysteine with 0.083% albuterol inhalation soln

Inhaled Antibiotics(NOTE)*

+1 Hours tobramycin inhalation soln
300 mg, Inh Soln, NEB, bid, Routine

Laboratory
- Methemoglobin
  Time Study, q12h, Type: Blood
  Comments: if patient on nitric oxide

Diagnostic Tests
- Chest 1 View
  T;N, Routine, Portable

- Chest PA & Lateral
  T;N, Routine, Portable
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☐ Echocardiogram Pediatric (0-18 yrs)
   Start at: T;N, Priority: Routine, Transport: Portable

Consults/Notifications/Referrals
☐ Notify Physician-Continuing
   Notify For: O2 sats less than or = 92%

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Physician’s Signature</th>
<th>MD Number</th>
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*Report Legend:
DEF - This order sentence is the default for the selected order
GOAL - This component is a goal
IND - This component is an indicator
INT - This component is an intervention
IVS - This component is an IV Set
NOTE - This component is a note
Rx - This component is a prescription
SUB - This component is a sub phase, see separate sheet
R - Required order