



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, 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)*





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- 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





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- +1 Hours** 1.25 mg, *Inh Soln, NEB, q6h, PRN, Routine, (1.5 mL = 1.25 mg)*
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** racepinephrine 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





Physician Orders PEDIATRIC: LEB Critical Care Respiratory Plan

- 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%

Date	Time	Physician's Signature	MD Number
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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

