Physician Orders PEDIATRIC: LEB Intra-Hospital Sedation Protocol for Procedures Plan

Initiate Orders Phase
Non Categorized
R Powerplan Open

Care Sets/Protocols/PowerPlans

- Initiate Powerplan Phase
  Phase: LEB Intra-Hospital Sedation Protocol for Procedures Phase, When to Initiate: __________
- Initiate Powerplan Phase
  Phase: PROPOFOL Phase, When to Initiate: ______________________
- Initiate Powerplan Phase
  Phase: DEXMEDETOMIDINE Phase, When to Initiate: ______________________
  When
- Initiate Powerplan Phase
  Phase: KETAMINE Phase, When to Initiate: ______________________

LEB Intra-Hospital Sedation Protocol Phase

Vital Signs
- Vital Signs
  Routine Monitor and Record T, P, R, BP, q5min

Respiratory Care

- Ventilator (Ped)
  - Routine, MAINTAIN CURRENT SETTINGS, Special Instructions: Ventilator Settings during sedations; confirm adequacy before PRN Neuromuscular blockade. (DEF)*
  - Routine, SEDATION VENT SETTINGS, Special Instructions: Ventilator Settings during sedations, confirm adequacy before PRN Neuromuscular blockade

Continuous Infusion

- Current Medications (NOTE)*
  - fentaNYL, midazolam, morPHINE, LORazepam, dexmedetomidine (NOTE)*
  - Start sedation 1 hour prior to transport (NOTE)*
  - Suspend current standing sedation infusions and substitute following orders for procedure (NOTE)*
  - Maintain all previous PRN sedation orders (NOTE)*
- fentaNYL
  mcg/kg, Injection, IV, N/A, Routine
- FentaNYL Drip (Pediatric) (IVS)*
  Dextrose 5% in Water
  15 mL, IV, Routine
  Comments: Adjust infusion of fentaNYL to ordered rate. DISCONTINUE TRANSPORT MEDICATIONS AND RESUME SUSPENDED SEDATION INFUSIONS POST PROCEDURE.
  - fentanyl (additive)
    500 mcg, mcg/kg/hr
- midazolam
  mg/kg, Injection, IV, N/A, Routine
- Midazolam Drip (Pediatric) (IVS)*
  Dextrose 5% in Water
  15 mL, IV, Routine
  Comments: Adjust infusion of midazolam to ordered rate. DISCONTINUE TRANSPORT MEDICATIONS AND RESUME SUSPENDED SEDATION INFUSIONS POST PROCEDURE.
  - midazolam (additive)
    50 mg, mg/kg/hr
- morphine
  mg/kg, Injection, IV, N/A, Routine
- MorPHINE Drip (Pediatric) (IVS)*
  Dextrose 5% in Water
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- **49.5 mL, IV, Routine**
  
  *Comments: Adjust infusion of morphine to ordered rate. Discontinue transport medications and resume suspended sedation infusions post procedure.*

  
  morphine (additive)
  
  5 mg, mg/kg/hr

- **lorazepam**
  
  mg/kg, Injection, IV, N/A, Routine

- **lorazepam Drip (Pediatric) (IVS)***
  
  Dextrose 5% in Water
  
  10 mL, IV, Routine

  *Comments: Adjust infusion of lorazepam to ordered rate. Discontinue transport medications and resume suspended sedation infusions post procedure.*

  lorazepam (add) ped
  
  20 mg, mg/kg/hr

- **Dexmedetomidine Drip (Pediatric) (IVS)***
  
  Diluent volume
  
  100 mL, IV, Routine

  *Comments: To be run at this rate for 1 hr. Vitals to be performed every 15 minutes while dexmedetomidine is at 1 mcg/kg/hr.*

  dexmedetomidine (additive)
  
  400 mcg, 1 mcg/kg/hr

- **Dexmedetomidine Drip (Pediatric) (IVS)***
  
  Diluent volume
  
  100 mL, IV, Routine

  *Comments: Adjust infusion of dexmedetomidine to ordered rate after 1 hour infusion. Discontinue transport medications and resume suspended sedation infusions post procedure.*

  dexmedetomidine (additive)
  
  400 mcg, mcg/kg/hr

- **Rocuronium**
  
  1 mg/kg, Injection, IV, prn, PRN Other, specify in Comment, Routine

  *Comments: As needed for movement, confirm adequacy of sedation prior to administration.*

- **Sodium Chloride 0.9% Bolus**
  
  5 mL/kg, Injection, IV, prn, PRN Hypotension, Routine, (infuse over 15 min)

  *Comments: Usage per pathways in protocol.*

- **Lactated Ringers Bolus**
  
  5 mL/kg, Injection, IV, prn, PRN Hypotension, Routine, (infuse over 15 min)

  *Comments: Usage per pathways in protocol.*

**PROPOFOL**

**Continuous Infusion**

- **Propofol Bolus (Pediatric)**
  
  1 mg/kg, Injection, IV, N/A, Routine

- **Propofol Drip (Pediatric) (IVS)***
  
  Diluent volume
  
  100 mL, IV, Routine

  *Comments: After 5 minutes: if inadequately sedated, give PRN propofol dose AND increase infusion to ______ mg/kg/hr. For MAP less than ______ and DBP less than ______: if excessively sedated, reduce propofol infusion by 0.5 mg/kg/hr. If adequately sedated, give PRN fluid bolus. Call MD if additional propofol bolus is required or hypotension remains unresolved. Discontinue transport medications and resume suspended sedation infusions post procedure.*

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- **propofol (additive pediatric)**
  - 1,000 mg, mg/kg/hr

  - **Propofol Bolus (Pediatric)**
    - 1 mg/kg, Injection, IV, prn, PRN Other, specify in Comment, Routine
    - **Comments:** Used for inadequate sedation as specified in the protocol orders. After 5 minutes: if inadequately sedated, give PRN propofol dose. DISCONTINUE TRANSPORT MEDICATIONS AND RESUME SUSPENDED SEDATION INFUSIONS POST PROCEDURE.

- **LORazepam**
  - 0.1 mg/kg, Injection, IV, prn, PRN Other, specify in Comment, Routine
  - **Comments:** To be given during procedure if inadequately sedated. Max dose = 4 mg

**DEXMEDETOMIDINE**

- **Continuous Infusion**
  - START DEXMEDETOMIDINE SEDATION 30 MINUTES PRIOR TO TRANSPORT. (NOTE)*

  - **dexmedetomidine**
    - 1 mcg/kg, Injection, IV, N/A, Routine, (infuse over 30 min)

  - **Dexmedetomidine Drip (Pediatric) (IVS)***
    - Diluent volume
      - 100 mL, IV, Routine
    - **Comments:** After 5 minutes: If inadequately sedated and HR greater than _______, increase by 0.1 mcg/kg/hr every 5 minutes until sedation adequate. If inadequately sedated and HR less than _______, give 0.1 mg/kg of LORazepam. If HR less than _______ at any time, reduce infusion by 0.1 mcg/kg/hr every 5 minutes until less than _______. If MAP less than, give PRN fluid bolus and Call MD. DISCONTINUE TRANSPORT MEDICATIONS AND RESUME PRIOR SEDATION.

  - **dexmedetomidine (additive)**
    - 400 mcg, 0.5 mcg/kg/hr

- **LORazepam**
  - 0.1 mg/kg, Injection, IV, prn, PRN Other, specify in Comment, Routine
  - **Comments:** To be given during procedure if inadequately sedated, Max dose = 4 mg

**KETAMINE**

- **Continuous Infusion**
  - START KETAMINE SEDATION 20 MINUTES PRIOR TO TRANSPORT. (NOTE)*

  - **ketamine**
    - 1 mg/kg, Injection, IV, N/A, Routine

  - **Ketamine Drip (Pediatric) (IVS)***
    - Diluent volume
      - 20 mL, IV, Routine
    - **Comments:** If inadequately sedated, give PRN ketamine and increase infusion to 3 mg/kg/hr. Call MD if patient remains inadequately sedated. DISCONTINUE TRANSPORT MEDICATIONS AND RESUME SUSPENDED SEDATION INFUSIONS POST PROCEDURE. After discontinuation of ketamine, give PRN midazolam for severe agitation.

  - **ketamine (additive)**
    - 200 mg, 2 mg/kg/hr

- **LORazepam**
  - 0.1 mg/kg, Injection, IV, prn, PRN Other, specify in Comment, Routine
  - **Comments:** To be given during procedure if inadequately sedated. Max dose = 4 mg.
  - DISCONTINUE TRANSPORT MEDICATIONS AND RESUME SUSPENDED SEDATION INFUSIONS POST PROCEDURE.

- **midazolam**
  - 0.1 mg/kg, Injection, IV, prn, PRN Other, specify in Comment, Routine
  - **Comments:** For severe agitation after discontinuation of ketamine infusion. Discontinue post transferring back to PICU and post discontinuation of ketamine drip.

- **ketamine**
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1 mg/kg, Injection, IV, prn, PRN Other, specify in Comment, Routine
Comments: Used per sedation protocol, Discontinue after transferring patient back to PICU bed post procedure.

Date       Time       Physician’s Signature       MD Number

*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
R-Required order