ICU Continuous Infusion Neuromuscular Blockade in Mechanically Ventilated Patients (4121) Version: 12 Gen: 9/29/2025

propofol (DIPRIVAN) infusion	1	
	1	
Maximum recommended dose		
until at goal DESIRED sedation effect: Con GREATER than desired sedati If patient requires GREATER th	ntinue the same rate. Reassess sedation within 4 hrs ion effect: Decrease rate by 0.5 mg/hr and reassess han 2 mg/hr hydromorphone, contact MD to re-evalu	RASS/BIS within 30 mins until at goal
LESS than desired sedation ef until at goal DESIRED sedation effect: Con GREATER than desired sedati	ffect: administer bolus and increase rate by 25mcg/hr ntinue the same rate. Reassess sedation within 4 hrs ion effect: Decrease rate by 25 mcg/hr and reassess	RASS/BIS within 30 mins until at goal
until at goal DESIRED sedation effect: Con GREATER than desired sedati If patient requires GREATER th Maximum recommended dose	ntinue the same rate. Reassess sedation within 4 hrs ion effect: Decrease rate by 0.5 mg/hr and reassess han 2 mg/hr hydromorphone, contact MD to re-evalue 3 mg/hr	RASS/BIS within 30 mins until at goal
LESS than desired sedation ef until at goal DESIRED sedation effect: Con GREATER than desired sedati	ffect: administer bolus and increase rate by 25mcg/hr ntinue the same rate. Reassess sedation within 4 hrs ion effect: Decrease rate by 25 mcg/hr and reassess	RASS/BIS within 30 mins until at goal
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ronium) prior to extubation to e		omuscular blocker (cisatraciurium or
ion:	inued, Routine, Reposition patient every 2 hours to p	revent pressure ulcer.
		orm spontaneous awaken trial while
•		
the same site every time TOF	F performed. Until discontinued, Routine, Obtain bas	seline Train of Four (TOF) prior to
	vation Tool (CPOT) LESS than 2 prior to initiation of	neuromuscular blockade
. ,	re neuromuscular blockade Until discontinued, Rou	ıtine
(Required)		
	Assess Once, Routine iss: o Critical Care Pain Obsert Distain baseline Train of Four the same site every time Tole omuscular blocking agent initial of the same site every time Tole omuscular blocking agent initial of the same site every time Tole omuscular blocking agent initial of the same site every time Tole omuscular blocking agent initial of the same site every time Tole of the same site o	RASS score must be -4 before neuromuscular blockade Until discontinued, Rockassess Once, Routine issis: o Critical Care Pain Observation Tool (CPOT) LESS than 2 prior to initiation of Dbtain baseline Train of Four (TOF) prior to neuromuscular blocking agent in the same site every time TOF performed. Until discontinued, Routine, Obtain basomuscular blocking agent initiation (bolus & drip). Label site and use the same site warsing communication Until discontinued, Routine, Obtain Train of Four (TOF) nation 2 of 4 TOF, then obtain a TOF every 4 hours. Use TOF monitoring in conjunction used, Routine, Obtain Train of Four (TOF) nation 2 of 4 TOF, then obtain a TOF every 4 hours. Use TOF monitoring in conjunction usersing communication Until discontinued, Routine, BIS Monitoring Goal of 40 to Nursing communication Until discontinued, Routine, Do not hold sedation or perfort on continuous neuromuscular blocking agent. Patient position: Until discontinued, Routine, Reposition patient every 2 hours to prion: discontinued and provided the provided provided to the provided provided to the provided provi

ICU Continuous Infusion Neuromuscular Blockade in Mechanically Ventilated Patients (4121) Version: 12 Gen: 9/29/2025 propofol (DIPRIVAN) infusion 0 - 50 mcg/kg/min, intravenous, continuous LESS than desired sedation effect: Other Specify: INCREASE rate by 5 mcg/kg/min. DESIRED sedation effect: Continue the same rate. GREATER than desired sedation effect: DECREASE rate 5 mcg/kg/min while titrating sedation to meet RASS goal, Reassess RASS every 30 minutes If patient requiring GREATER than: 50 mcg/kg/min, Contact MD to re-evaluate sedation therapy Propofol continuous infusion is to be used only in intubated patients on mechanical ventilation. Is the patient intubated or pending intubation? After Initiation, reassess RASS after 30 minutes. Titrate for sedation to reach RASS goal. Once patient maintains RASS at goal, assess RASS every 4 hours. Iorazepam (ATIVAN) or midazolam (VERSED) infusion - HMH, HMSL, HMTW, HMWB, HMCL O lorazepam (ATIVAN) 60 mg/30 mL infusion 2, intravenous, continuous Indication(s): Sedation LESS than desired sedation effect: administer bolus and increase rate by 0.5 mg/hr then reassess RASS/BIS within 30 mins until at goal DESIRED sedation effect: Continue the same rate. Reassess RASS/BIS within 4 hrs GREATER than desired sedation effect: Decrease rate by 0.5 mg/hr then reassess RASS/BIS within 30 mins until at goal If patient requires GREATER than 5mg/hr lorazepam, contact MD to re-evaluate sedation therapy Maximum recommended dose 10 mg/hr O midazolam (VERSED) 60 mg/30 mL infusion 2, intravenous, continuous Indication(s): o Sedation Midazolam continuous infusion is to be used only in intubated patients on mechanical ventilation. Is the patient intubated or pending intubation? LESS than desired sedation effect: administer bolus and increase rate by 0.5 mg/hr then reassess RASS/BIS within 30 mins DESIRED sedation effect: Continue the same rate. Reassess RASS/BIS within 4 hrs GREATER than desired sedation effect: Decrease rate by 0.5 mg/hr then reassess RASS/BIS within 30 mins until at goal If patient requires GREATER than 5mg/hr midazolam, contact MD to re-evaluate sedation therapy Maximum recommended dose 10 mg/hr ☐ Iorazepam (ATIVAN) or midazolam (VERSED) infusion - HMW, HMCY Only U LORAZepam (ATIVAN) 30 mg/30 mL infusion 1, intravenous, continuous Indication(s): Sedation LESS than desired sedation effect: administer bolus and increase rate by 0.5 mg/hr then reassess RASS/BIS within 30 mins DESIRED sedation effect: Continue the same rate. Reassess RASS/BIS within 4 hrs GREATER than desired sedation effect: Decrease rate by 0.5 mg/hr then reassess RASS/BIS within 30 mins until at goal If patient requires GREATER than 5mg/hr lorazepam, contact MD to re-evaluate sedation therapy Maximum recommended dose 10 mg/hr MIDAZolam in 0.9% NaCl (VERSED) 1 mg/mL infusion 1, intravenous, continuous Indication(s): Midazolam continuous infusion is to be used only in intubated patients on mechanical ventilation. Is the patient intubated or pending intubation? LESS than desired sedation effect: administer bolus and increase rate by 0.5 mg/hr then reassess RASS/BIS within 30 mins until at goal DESIRED sedation effect: Continue the same rate. Reassess RASS/BIS within 4 hrs GREATER than desired sedation effect: Decrease rate by 0.5 mg/hr then reassess RASS/BIS within 30 mins until at goal If patient requires GREATER than 5mg/hr midazolam, contact MD to re-evaluate sedation therapy Maximum recommended dose 10 mg/hr Iorazepam (ATIVAN) or midazolam (VERSED) infusion - HMSJ HMSTC Only O LORAZepam (ATIVAN) 60 mg/30 mL infusion 2, intravenous, continuous Indication(s): Sedation LESS than desired sedation effect: administer bolus and increase rate by 0.5 mg/hr then reassess RASS/BIS within 30 mins DESIRED sedation effect: Continue the same rate. Reassess RASS/BIS within 4 hrs GREATER than desired sedation effect: Decrease rate by 0.5 mg/hr then reassess RASS/BIS within 30 mins until at goal If patient requires GREATER than 5mg/hr lorazepam, contact MD to re-evaluate sedation therapy

Sign:______ Printed Name:______ Date/Time:______ Page 2 of 4

Maximum recommended dose 10 mg/hr

ICU Continuous Infusion Neuromuscular Blockade in Mechanically Ventilated Patients (4121) Version: 12 Gen: 9/29/2025 O MIDAZolam (VERSED) 30 mg/30 mL infusion 1, intravenous, continuous Indication(s): ○ Sedation Midazolam continuous infusion is to be used only in intubated patients on mechanical ventilation. Is the patient intubated or pending intubation? LESS than desired sedation effect: administer bolus and increase rate by 0.5 mg/hr then reassess RASS/BIS within 30 mins until at goal DESIRED sedation effect: Continue the same rate. Reassess RASS/BIS within 4 hrs GREATER than desired sedation effect: Decrease rate by 0.5 mg/hr then reassess RASS/BIS within 30 mins until at goal If patient requires GREATER than 5mg/hr midazolam, contact MD to re-evaluate sedation therapy Maximum recommended dose 10 mg/hr **Neuromuscular Blockers** (Required) O Synchronous ventilation or moderate-severe ARDS P/F ratio < 150 or to facilitate ventilation with intermittent dosing Consider an intermittent dosing strategy over continuous infusion to facilitate protective lung ventilation. Continuous infusion recommended for patients with persistent ventilator dyssynchrony, requirement of ongoing deep sedation, prone ventilation, or persistently high plateau pressures. cisatracurium (NIMbex) injection 0.15 mg/kg, intravenous, once, 1, Occurrences vecuronium (NORCURON) injection 0.1 mg/kg, intravenous, once, 1, Occurrences Reconstitute vecuronium 10 mg vial with 10 mL of sterile water to make 1 mg/mL concentration. Reconstituted solution must be used within 1 hour cisatracurium (NIMbex) infusion 1 mcg/kg/min, intravenous, continuous Intensivist-driven titration of 1 mcg/kg/min every 1 hour to a maximum dose of 10 mcg/kg/min based on ventilator dyssynchrony, plateau pressure and desaturation. Intensivist to adjust dose by modifying the order. Immobility, open chest, increased intra-abdominal pressure, and elevated ICP ○ cisatracurium (NIMbex) Continuous Infusion Recommended for patients with renal or hepatic failure. Obtain baseline Train of Four once Obtain baseline Train of Four prior to neuromuscular blockade infusion cisatracurium (NIMbex) infusion 1 - 10 mcg/kg/min, intravenous, continuous **PROGRAM INFUSION PUMP WITH WEIGHT NOTED IN ORDER MEDICATION DOSED BY IDEAL BODY WEIGHT** Initiate infusion at 1mcg/kg/min. Titrate by 0.5 mcg/kg/min every hour to achieve 2 of 4 Train of Four (TOF). Once at 2 of 4 TOF, repeat TOF in four hours. IF TOF GREATER than 2 of 4, INCREASE infusion rate by 0.5 mcg/kg/min. Monitor TOF every hour to achieve and maintain 2 of 4 TOF. Once at 2 of 4 TOF, repeat TOF in four hours. IF TOF 2 of 4, CONTINUE the same infusion rate, then repeat TOF in 4 hours. IF TOF LESS than 2 of 4, DECREASE infusion rate by 0.5 mcg/kg/min. Monitor TOF every hour to achieve and maintain 2 of 4 TOF. Once at 2 of 4 TOF, repeat TOF in four hours. Max dose 10mcg/kg/min. ○ cisatracurium (NIMbex) IV Bolus and Continuous Infusion Recommended for patients with renal or hepatic failure. Obtain baseline Train of Four once Obtain baseline Train of Four prior to neuromuscular blockade infusion cisatracurium (NIMbex) IV bolus 0.15 mg/kg, intravenous, once, 1, Occurrences cisatracurium (NIMbex) infusion 1 - 10 mcg/kg/min, intravenous, continuous **PROGRAM INFUSION PUMP WITH WEIGHT NOTED IN ORDER MEDICATION DOSED BY IDEAL BODY WEIGHT** Initiate infusion at 1mcg/kg/min. Titrate by 0.5 mcg/kg/min every hour to achieve 2 of 4 Train of Four (TOF). Once at 2 of 4 TOF, repeat TOF in four hours. IF TOF GREATER than 2 of 4, INCREASE infusion rate by 0.5 mcg/kg/min. Monitor TOF every hour to achieve and maintain 2 of 4 TOF. Once at 2 of 4 TOF, repeat TOF in four hours. IF TOF 2 of 4, CONTINUE the same infusion rate, then repeat TOF in 4 hours. IF TOF LESS than 2 of 4, DECREASE infusion rate by 0.5 mcg/kg/min. Monitor TOF every hour to achieve and maintain 2 of 4 TOF. Once at 2 of 4 TOF, repeat TOF in four hours. Max dose 10mcg/kg/min. vercuronium (NORCURON) Continuous Infusion Use caution in patients with renal or hepatic dysfunction **Printed Name:** Date/Time:

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✓ Obtain baseline Train of Four once

Obtain baseline Train of Four prior to neuromuscular blockade infusion

vecuronium (NORCURON) 1 mg/mL in sodium chloride 0.9% 100 mL infusion 0.8 - 1.5 mcg/kg/min, intravenous, continuous

PROGRAM INFUSION PUMP WITH WEIGHT NOTED IN ORDER MEDICATION DOSED BY IDEAL BODY WEIGHT

Initiate infusion at 0.8mcg/kg/min. Titrate by 0.1 mcg/kg/min every hour to achieve 2 of 4 Train of Four (TOF). Once at 2 of 4 TOF, repeat TOF in four hours. IF TOF GREATER than 2/4, INCREASE infusion rate by 0.1 mcg/kg/min. Monitor TOF every hour to achieve and maintain 2 of 4 TOF. Once at 2 of 4 TOF, repeat TOF in four hours. IF TOF 2 of 4, CONTINUE the same infusion rate, then repeat TOF in 4 hours. IF TOF LESS than 2 of 4, DECREASE infusion rate by 0.1 mcg/kg/min. Monitor TOF every hour to achieve and maintain 2 of 4 TOF. Once at 2 of 4 TOF, repeat TOF in four hours. Max dose 1.5mcg/kg/min.

O vercuronium (NORCURON) IV Bolus and Continuous Infusion Use caution in patients with renal or hepatic dysfunction

Obtain baseline Train of Four once

Obtain baseline Train of Four prior to neuromuscular blockade infusion

- vecuronium (NORCURON) in SWFI injection 1 mg/mL 0.1 mg/kg, intravenous, once, 1, Occurrences Reconstitute vecuronium 10 mg vial with 10 mL of sterile water to make 1 mg/mL concentration. Reconstituted solution must be used within 1 hour
- ▼ vecuronium (NORCURON) 1 mg/mL in sodium chloride 0.9% 100 mL infusion 0.8 1.5 mcg/kg/min, intravenous, continuous

PROGRAM INFUSION PUMP WITH WEIGHT NOTED IN ORDER MEDICATION DOSED BY IDEAL BODY WEIGHT

Initiate infusion at 0.8mcg/kg/min. Titrate by 0.1 mcg/kg/min every hour to achieve 2 of 4 Train of Four (TOF). Once at 2 of 4 TOF, repeat TOF in four hours. IF TOF GREATER than 2/4, INCREASE infusion rate by 0.1 mcg/kg/min. Monitor TOF every hour to achieve and maintain 2 of 4 TOF. Once at 2 of 4 TOF, repeat TOF in four hours. IF TOF 2 of 4, CONTINUE the same infusion rate, then repeat TOF in 4 hours. IF TOF LESS than 2 of 4, DECREASE infusion rate by 0.1 mcg/kg/min. Monitor TOF every hour to achieve and maintain 2 of 4 TOF. Once at 2 of 4 TOF, repeat TOF in four hours. Max dose 1.5mcg/kg/min.

Ophthalmic Lubricant

VTE

✓ artificial tears ointment Both Eyes, every 4 hours

Place and close patient's eyelid while on continuous neuromuscular blocking agent.

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