

Baxter Pump: Care Area “Critical Meds”

Iredell Memorial Hospital Adult Infusion Guidelines

The following guidelines are specific in the event there is a need for a patient to be maintained outside of Iredell Memorial Hospital’s maximum dose policy.

Baxter HARD max is the HARD limit set in Baxter pumps.

Two licensed personnel MUST independently verify the pump settings for the use of these Baxter HARD max settings.

Drug Name	Onset	Preparation(s)	Compatible Fluids	Starting Dose	Titration Guidelines with Maximum dose
Analgesia/Anesthesia/Sedation:					
Dexmedetomidine (Precedex)	1 min	400 mcg/100 mLs NS 200 mcg/50 mLs NS	NS ONLY	Begin infusion at 0.2 mcg/kg/hr	Titrate by 0.1 mcg/kg/hr every 30 min to -2 RASS sedation score. Monitor for hypertension. Max dose = 1.4 mcg/kg/hr. Baxter (modifier) HARD max = 2.5 mcg/kg/hr
Dexmedetomidine (Precedex) ED ONLY	1 min	400 mcg/100 mLs NS 200 mcg/50 mLs NS	NS ONLY	Begin infusion at 0.4 mcg/kg/hr	Titrate by 0.1 mcg/kg/hr every 30 min to -2 RASS sedation score. Monitor for hypertension. Max dose = 1.4 mcg/kg/hr. Baxter (modifier) HARD max = 2.5 mcg/kg/hr
Fentanyl	seconds	2500 mcg/300 mLs	NS or D5W	Begin infusion at 25 mcg/hr	Titrate by 25 mcg/hr every 15 min to -2 RASS sedation score. Max dose = 300 mcg/hr. Baxter (modifier) HARD max = 800 mcg/hr
Fentanyl ED ONLY	seconds	1000 mcg/100 mLs	NS or D5W	Begin infusion at 50 mcg/hr	titrate by 25 mcg/hr every 15 min to -2 RASS sedation score. Max dose = 300 mcg/hr. Baxter (modifier) HARD max = 800 mcg/hr
Ketamine	30 seconds	500 mg/500 mL NS (1 mg/mL)	NS or D5W	Begin infusion at 0.2 mg/kg/hr	Titrate by 0.1 mg/kg/hr every 15 min to -2 RASS sedation score. Monitor for hypertension. Max dose = 2.5 mg/kg/hr. Baxter (modifier) HARD max = 4 mg/kg/hr
Midazolam (Versed)	1-5 min	50 mg/50 mLs 100 mg/100 mLs	NS or D5W	Begin infusion at 2 mg/hr	Titrate by 1 mg/hr every 15 min to -2 RASS sedation score. Max = 10 mg/hr. If over sedated, hold infusion x 30 min and restart at 75% prior rate. If patient still exceeds RASS of -2, discontinue drip and notify provider. Baxter (modifier) HARD max = 40 mg/hr
Propofol (Diprivan)	seconds	1000 mg/100 mLs *premixed 500 mg/50 mLs *premixed		Begin infusion at 5 mcg/kg/min	Titrate by 5 mcg/kg/min every 5 min to -2 RASS sedation score. Max dose = 50 mcg/kg/min. Baxter (modifier) HARD max = 80 mcg/kg/min
Vasoactive Medications:					
Epinephrine	minutes	4 mg/250 mLs	NS or D5W	For symptomatic bradycardia: Begin infusion at 2 mcg/min	Titrate by 1 mcg/min every 5 min to keep SBP ≥ 90. SOFT Max = 10 mcg/min. Baxter HARD max = 160 mcg/min
Norepinephrine (Levophed)	seconds	4 mg/250 mLs 8 mg/250 mLs	NS or D5W	Begin infusion at 2 mcg/min	Titrate by 2 mcg/min every 5 min to keep MAP > 65. Soft Max = 40 mcg/min. Baxter HARD max = 250 mcg/min
Phenylephrine (Neosynephrine)	seconds	50 mg/250 mLs	NS or D5W	Begin infusion at 50 mcg/min	Titrate by 5 mcg/min every 5 min to keep MAP ≥ 65. Soft Max = 450 mcg/min Baxter HARD max = 730 mcg/min

References: Lexicomp 2015-2017, Trissels Handbook of Inj Drugs, (2016), Medication PI; CCU and P&T approval 02/2025.