

BRIEFING NOTE

B. BRAUN PARENTERAL MONOGRAPHS

Background:

- B. Braun large volume pump rollout planned for February 2023
- urgency to rollout the new pumps because existing Baxter Colleague pumps are failing and not repairable/replaceable
- for the provincial monograph project, there is still lots of work to be done so a provincial decision was made to rollout out the B. Braun large volume pumps with SDO specific monographs
- the provincial monographs will be rolled out as stage 2 at a later date
- 2 monographs will be posted on HPS for affected medications during transition i.e. Baxter colleague vs B. Braun pump

Key Message:

A like for like approach was utilized to update the B. Braun library and corresponding monographs. During review of monographs a few changes were made to reflect current practice and new practices moving forward as noted below:

- Monographs were updated with new pump library table to reflect B. Braun library information

Drug Library	Dose Rate	Short Name	Care Unit
Yes	XXXX	Listed on pump	Critical Care/general/pediatric
Drug	Diluent	Final Volume (VTBI)	Final Concentration
Amount of drug	Volume of diluent	Volume to be infused	xxx mg/mL
Clinical Advisory: High Alert			
Soft Low Dose Limit:		Soft High Dose Limit:	

- 2 different monographs for adult deferoxamine – 1) acute iron intoxication 2) chronic iron overload
- dextrose: changed to mg/kg/min
- EPRINEPHrine: separated in 2 for bradycardia & vasopressor (different dose rate)
- heparin: separated in 2 for ACS & VTE (different soft limits)
- HYDROMorphone: premixed bags may be ordered by pharmacy (0.4 mg/mL 50 or 100 mL)
- isoproterenol: changed from mcg/kg/min to mcg/min
- ketamine: changed from mcg/kg/min to mg/kg/h (same as Up-to-Date)
- morphine: premixed bags may be ordered by pharmacy (1 mg/mL 100 mL)
- norepinephrine: premixed bags may be ordered by pharmacy (4 mg & 8 mg in 250 mL)
- potassium chloride: added KCl 20 mmol/100 mL in library (premixed bags may be ordered by pharmacy)
- vasopressin: changed from units/h to units/min (same as Up-to-Date)

PURPOSE

Updated parenteral monographs to reflect new large volume infusion pump library.

- HARD limits added to most medications, reviewed every 6 months after implementation per Accreditation
- Label lines for the following: (volume/time) blood products, lipid, sodium chloride 3%, alteplase, central line, oxytocin, TPN, IV fluids, antibiotic, magnesium sulphate

Drug Library	Dose Rate	Short Name	Care Unit
Yes	mL/h	Listed on pump	Critical Care/General/pediatric

Recommendation(s)

Approve updated monographs

Implementation Strategy:

Regional rollout during B. Braun large volume pump education and distribution.

Timeline (please mention the date):

P&T approval: December 13 2022

RMAC Approval: December 2022

Policy submit to HPS: February 2023

Policy Update email: February 2023

Staff Education (if applicable): February 2023

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