

High Alert Medications Requiring Buretrol for Transfusion

- In the **Operating Room**, the Anaesthetist or Anaesthetist Assistant will mitigate the risk for each infusion.
- In **Paediatrics and NICU**, buretrols will be used for all patients when using Baxter NOVUM IQ pumps.
 - Change buretrol with every line change per PAT-2-50 (Paediatric & Neonates) and PAT-2-49 (Adult)

USE BURETROL FOR ALL OF THE FOLLOWING CONTINUOUS INFUSIONS:

Medication For Infusion	Safety Measures in Addition to use of Buretrol
Alteplase	<ul style="list-style-type: none"> ➤ Stroke: Do not use buretrol. Remove unrequired volume/dose from bottle prior to starting infusion. ➤ Thrombotic occlusion: Always use a buretrol.
Amiodarone	Fill buretrol to max volume of 1 hour.
Amphotericin B	
Argatroban	
Bivalirudin	
Blood Products	Refer to policy <u>PAT-2-19</u>. Utilize buretrol if blood product being infused over 2 hours.
Calcium (chloride or gluconate)	*Including bolus bags
Cisatracurium	
Cyclophosphamide	
Dexmedetomidine	
Dextrose Hypertonic	Greater than 20% in concentration (i.e., D25W, D50W, TPN)
Diltiazem	
DOPamine	
Dobutamine	
Epinephrine	
Esmolol	
Fentanyl	
Furosemide	
Ganciclovir	
Heparin	
HYDROMorphone	
Hydralazine	
Insulin	
Isoproterenol	
InFLIXimab	
Ketamine	
Labetolol	
Lipid Emulsion	Change buretrol every 12 hours with line changes.
Lorazepam	
Lidocaine	
Magnesium	*Including bolus bags

Maintenance IV Fluids without additives	<ul style="list-style-type: none"> • Saline lock all to keep vein open (TKVO) infusions. • Use 250 – 500 mL bags when hanging maintenance infusions. • If unable to use \leq 500 mL bags, use buretrol for maintenance infusion.
Methylene Blue	Use buretrol for infusions.
Metoprolol	
Midazolam	
Milrinone	
Morphine	
N-Acetylcysteine	
Naloxone	
Nitroglycerin	
Nitroprusside	
Norepinephrine	
Octreotide	
Oxytocin	
Parenteral Nutrition	Change buretrol every 24 hours with line changes.
Phenylephrine	
Phosphate containing infusions	*Including bolus bags (i.e., sodium phosphate or potassium phosphate)
Potassium containing fluids (ie. NS + 20mmol KCL)	*Including bolus bags and premixed bags
Procainamide	
Rituximab	When using for non-oncological indications.
Rocuronium	
Salbutamol	
Sodium Bicarbonate	
3% Sodium Chloride	
Tirofiban	Buretrol not required in Cath Lab
Vasopressin	
Verapamil	