

Common Vesicants - Adult Patients

Medication	IV Infusions			Infiltrate treatment
	Peripheral Line Concentration	Central Line Concentration	Max Rate	
Miscellaneous				
Dextrose	≤ 10%	20%; 50%	0.8 g/kg/hr	Hyaluronidase, Warm Applic. Proc. (only treat if >D10%)
Mannitol	20%	same	N/A; Use in-line filter (0.22 μm)	Hyaluronidase, Warm Applic. Proc.
Cardiovascular Agents				
Dopamine	1600 mcg/mL (400 mg in 250 mL NS or D5)	3200 mcg/mL (800 mg in 250 mL NS or D5)	25 mcg/kg/min	Phentolamine Proc.
Epinephrine	20 mcg/mL (2 mg in 100 mL NS or D5)	40 mcg/mL (10 mg in 250 mL NS or D5)	3 mcg/kg/min	Phentolamine Proc.
Norepinephrine	32 mcg/mL (8 mg in 250 mL NS or D5)	138 mcg/mL (16 mg in 116 mL NS or D5)	3 mcg/kg/min	Phentolamine Proc.
Phenylephrine	80 mcg/mL (20 mg in 250 mL NS or D5)	200 mcg/mL (20 mg in 100 mL NS or D5)	4 mcg/kg/min	Phentolamine Proc.
Vasopressin	0.5 units/mL (50 units in 100 mL NS or D5)	same	0.04 units/min	Phentolamine Proc.
Electrolytes				
Sodium bicarbonate	0.13 mEq/mL (150 mEq in 1000 mL D5 or sterile water: 1150 mL total volume)	1 mEq/mL (500 mEq per 500 mL)	No maximum	Hyaluronidase, Warm Applic. Proc.
PN (Parenteral Nutrition)	Only if osmolarity < 900 mOsm/L	Central line required if osmolarity >900 mOsm/L	Prescribed rate	Hyaluronidase, Warm Applic. Proc.