

RECOMMENDED STOCKING LEVELS OF ANTIDOTES FOR POISONING

Tier 1: Potentially life-saving, immediate access needed, multiple victims possible				
	Available Forms	Indications	Dose (Load Maintenance)¹	Stocking Level^{2,3}
Atropine Sulfate Injection	1 mg/mL x 1 mL 0.4 mg/mL x 20 mL	Cholinesterase Inhibitors	1-5 mg/dose (or more)	825 mg
Hydroxocobalamin (Cyanokit [®])	5 g/vial kit	Cyanide	5 g, may repeat x 1	10 kits
Naloxone (Narcan [®])	1 mg/mL x 2 mL & 10 mL	Opioids	0.4 - 2 mg, up to 10 mg	40 mg
Pralidoxime (2-Pam, Protopam [®])	50 mg/mL x 20 mL	Cholinesterase Inhibitors	1 g	90 g
Sodium Nitrite Injection / Sodium Thiosulfate Injection (Nithiodote [®])	30 mg/mL x 10 mL 250 mg/mL x 50 mL	Cyanide, Hydrogen sulfide	1-2 kits	10 kits
Tier 2: Potentially life-saving, immediate access needed, usually single victims				
Deferoxamine (Desferal [®])	100 mg/mL x 5 mL	Iron	5-15 mg/kg/hr	36 g
Digoxin Immune Fab (DigiFab [®])	40 mg/vial	Digoxin, Digitoxin	Individualized or 10 vials	20 vials
Ethanol ***PO***	Commercial liquor products	Methanol, Ethylene Glycol	Call toxicologist if IV dosing needed	360 g
Fat Emulsion, Intravenous	20% x 500 mL	Local anesthetics Cardioactive drugs	300 mg (1.5 mL)/kg load, may repeat, 5 mg (0.025 mL)/kg/min x 60 min	3 x 500 mL
Fomepizole (Antizol [®])	1 g/mL x 1.5mL	Methanol, Ethylene glycol	15 mg/kg IV load 10mg/kg q 12hr x 4, then 15 mg/kg q 12hr	1 vial (load only) 4 vials (full course)
Glucagon for Injection	1 mg/mL x 1 mL & 10 mL	Beta Blockers	5 mg 1-5 mg/hr	250 mg
Insulin, Regular	100 units/mL x 10 mL	Calcium Channel & Beta Blockers	1 unit/kg load, then 0.5 – 1 unit/kg/hr (titrate to max 10 units/kg/hr)	24 vials
Methylene Blue	5mg/mL or 10 mg/mL x 10 mL	Methemoglobinemia	1-2 mg/kg	600 mg
Octreotide (Sandostatin [®])	0.1 mg/mL	Sulfonylureas	SQ, IV: Adult: 50-100 mcg Child: 1 mcg/kg or 1 mcg/kg/hr	300 mcg
Pyridoxine IV	100 mg/mL x 10 mL	INH, Theophylline	mg-for-mg or 5 g	24 g
Tier 3: Emergency, access needed within 4 hours				
N-acetylcysteine (Mucomyst [®]) ***PO***	20% x 10, 30 & 100 mL	Acetaminophen	140 mg/kg then 70 mg/kg q 4hr x17 doses	56 g
N-acetylcysteine (Acetadote [®]) ***IV***	20% x 30 mL		IV: 150 mg/kg over 60 min 12.5 mg/kg/hr x 4 hr then 6.25 mg/kg/hr over 16 hrs (Max Dose Wt = 100 kg)	30 g (5 vials)
Crotalidae Polyvalent Immune Fab (Ovine) (CroFab [®])	10 mL vials	North American Crotalids	4-6 vials for initial control, then 2 vials q6 hr x 3	12 vials
Dimercaprol (BAL in Oil [®])	100 mg/mL x 3 mL	Lead, Arsenic, Mercury	IM: 3-5 mg/kg q 4 hr	2.4 g
Edetate Calcium Disodium	200 mg/mL x 5 mL	Lead	Adult: 50-75 mg/kg/d x 5d Child: 1-1.5 g/m ² /d x 5d	5.25 g
Glucarpidase (Voraxaze [®])	1000 units/vial	Methotrexate	50 units/kg	5 vials
Physostigmine (Antilirium [®])	1 mg/mL x 2 mL	Anticholinergics	1-2 mg 1-2 mg/hr	50 mg
Rabies Immune Globulin, Human (Imogam Rabies-HT [®] , HyperRAB S/D [®])	150 units/mL x 2 mL, 10 mL 300 units/mL x 1 mL	Rabies Post-exposure Prophylaxis (Non- Immunized)	IM: 20 units/kg @ bite site and remaining @ distant deltoid	1500 units
Rabies Vaccine, Human Diploid Cell (Imovax Rabies [®] , RabAvert [®])	2.5 units/mL x 1 mL	Rabies Post-exposure Prophylaxis	IM Non-immunized: 1 mL in deltoid @ Days 0, 3, 7, 14 IM Immunized: 1 mL in deltoid @ Days 0 & 3	1 mL
Succimer (DMSA, Chemet [®])	100 mg capsules	Lead, Arsenic, Mercury	PO: 10 mg/kg TID x 5d, then 10 mg/kg BID x 14d	3 g
Tier 4: Urgent but not emergent				
Flumazenil (Romazicon [®])	0.1 mg/mL x 5 mL & 10 mL	Benzodiazepines	0.3 mg: max: 3 mg	12 mg
Leucovorin	10 mg/mL x 10 mL & 50 mL	Methotrexate, Methanol	Call toxicologist for dosing	1 g
Phytonadione (Mephyton [®])	10 mg/mL x 1 mL	Vitamin K Antagonists	10 mg Individualized	100 mg
Uridine Triacetate (Vistogard [®])	10 g packet	5-Fluorouracil	10 g PO q6 hr x 20 doses	40 g

¹ All dosing regimens are intravenous (IV) unless specified otherwise.

² If dosing regimen is more than 1 day, only first day's amount is used as the stocking level.

³ Tier 1 antidote-stocking levels are based on estimated needs to treat five 100kg patients for 24 hours. All other tiers are based on one 100kg patient for 24 hours.

