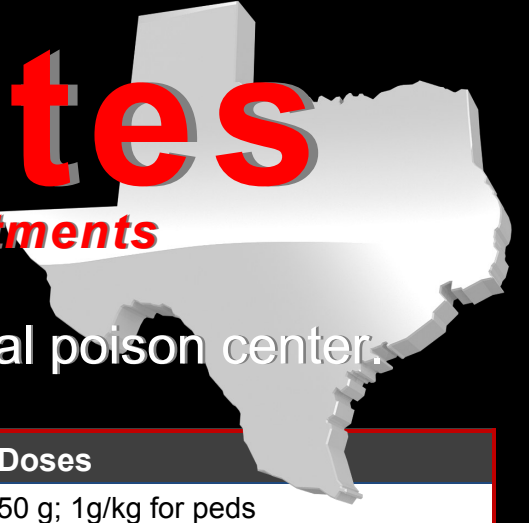




# Antidotes

for Emergency Departments



Dial 1-800-222-1222 for your local poison center.

General Decontamination	Uses	Doses
Activated charcoal (with sorbitol)	Most ingestions occurring within 4 hours	50 g; 1g/kg for peds
Activated charcoal (without sorbitol)	Repeated doses to enhance elimination	12.5-25 g (0.5g/kg for peds) every 4 hours for max 4 doses
Polyethylene glycol (Golytely)	Whole Bowel Irrigation: Drugs not bound by charcoal, sustained release drugs, and body packers	2 L/hour, 500ml/hour in children (per NGT) * <i>predose with antiemetics</i>
Syrup of Ipecac	Rarely indicated	Contact your Poison Center

Antivenom	Uses	Recommended Stocking*
Antivenom, Snake**		
Polyvalent <i>Crotalinae</i> Immune Fab (CroFab®)	<i>Crotalinae</i> (rattlesnake, copperhead) bites	18 vials
Coral Snake ( <i>Micrurus fulvius</i> )	Coral snake bites	5 vials in endemic areas
Antivenom, Spider		
Black Widow ( <i>Latrodectus spp.</i> )	Black widow spider bites	1 vial

Antidotes	Uses	Recommended Stocking*
Atropine	Cholinesterase inhibitors (organophosphate & carbamate pesticides)	165 mg
Botulinum antitoxin	<i>Clostridium botulinum</i> toxin	Available from CDC (call PCC)
Calcium chloride and/or calcium gluconate	Hydrofluoric acid, calcium channel blockers, beta blockers	10 g Ca Cl or 30g Ca gluconate
Cyanide kit® (amyl nitrite, sodium nitrite, sodium thio-sulfate)	Cyanide	3 cyanide kits or equivalent
Deferoxamine mesylate (Desferal®)	Iron salts	6 g
Dextrose in water (50% or 20%)	Hypoglycemic agents, altered mental status	
Benzodiazepines: diazepam, lorazepam, medazolam	Seizures, severe agitation, stimulants, PCP	
Digoxin specific antibody fragments (Digibind® or Digifab®)	Digoxin and other cardiac glycosides	15 vials
Chelators		
Dimercaprol (BAL, British anti-lewisite)	Arsenic, mercury, lead	5 X 100 mg/mL 3mL ampules
DMSA, succimer (Chemet®)	Arsenic, mercury, lead	100 X 100 mg capsules
Ethylenediaminetetraacetic acid (Calcium disodium EDTA)	Lead, zinc, and other heavy metals	2.25 g
Fomepizole (Antizol®)	Ethylene glycol, diethylene glycol, methanol	4 X 1.5 g vials
Flumazenil (Romazicon®)	Limited acute benzodiazepines toxicity (call Poison Center)	6 mg
Folinic acid, leucovorin	Methotrexate, methanol	100 mg
Glucagon	Beta blockers, calcium channel blockers, hypoglycemia	250 mg
Hydroxocobalamin (Cyanokit®)	Cyanide and cyanogenic compounds	2 vials (5g/250ml)
Insulin, regular	Calcium channel & beta blockers (use in combo with dextrose)	
Lipid emulsion (Intralipid®)	specified lipophilic drugs (call Poison Center)	
Methylene blue (1% solution)	Methemoglobinemia	100 mg
N-acetylcysteine (Mucomyst®, Acetadote®)	Acetaminophen	56g of 20% NAC
Naloxone (Narcan®)	Opiates & opioids	80 mg
Octreotide (Sandostatin®)	Sulfonylureas	225 mcg
Oxygen, hyperbaric	Carbon monoxide, cyanide, hydrogen sulfide	
Physostigmine salicylate (Antilirium®)	Anticholinergic agents	3 X 1g vials
Pralidoxime chloride (2-PAM®, Protopam®)	Cholinesterase inhibitors	25 g
Protamine sulfate	Heparin	
Pyridoxine	Ethylene glycol, isoniazid, <i>Gyrometra (false morel) mushrooms</i>	24 g
Sodium bicarbonate	Cyclic antidepressants, metabolic acidosis	84 g
Vitamin K <sub>1</sub>	Oral anticoagulants, rodenticides	100 mg

\*Stocking levels for initial treatment of severely poisoned patient for drugs that are not regularly used or require large quantities. Amounts listed would provide a 24 hour supply for one patient.

\*\*Poison center (1-800-222-1222) can assist with obtaining antivenoms for exotic snakes. Antivenom is not required for all snake bites.