

Antidotes Used In Toxicology

Antidote	Toxin	Special Info
Atropine	Carbamates	Primarily for treatment of muscarinic effects.
Atropine Pralidoxime/2-Pam	Organophosphates	For treatment of muscarinic effects. For treatment of nicotinic effects.
Black Widow Antivenin	Black Widow Spider	Reserved for severe cases. Not always readily available.
Botulinum Antitoxin	Botulism	Given for confirmed cases. Several types available. Must obtain from CDC.
Calcium EDTA BAL (dimercaprol) DMSA (Succimer)	Lead/Other Heavy Metals	Based on levels and symptomatology. Can not be given to patient with peanut allergy. Must monitor LFT's with this therapy.
Calcium	Hydrofluoric Acid	Case specific, dermal/IV for systemic toxicity.
Coral Snake Antivenin	Coral Snake	Different types, match antivenin to correct coral snake.
Crotalidae Polyvalent Antivenin	Pit Viper Snake	Requires skin test. Antivenin not always indicated.
Cro-Fab	Pit Viper Snake	No skin test required. Antivenin not always indicated.
Cyanide Antidote Kit	Cyanide	Three components to kit. For symptomatic patients.
Deferoxamine	Iron	Based on levels and symptomatology.
Digibind/Digoxin Fab Fragments	Digoxin	Used for severe toxicity.
Ethanol Fomepizole Pyridoxine Thiamine	Ethylene Glycol	Oral or IV. May shorten hospital stay. An adjunct to other therapies. An adjunct to other therapies.
Ethanol Fomepizole Folinic Acid, Folic Acid	Methanol	Oral or IV. May shorten hospital stay. Given IV.
Flumazenil	Benzodiazepines	Use with caution, many contraindications.
Glucagon	Beta Blockers	Used with significant symptoms.
Methylene Blue	Methemoglobinemia	Based on methemoglobin levels. Several toxins can induce this condition.
NAC/Mucomyst/N- Acetylcysteine	Acetaminophen	Given diluted orally. IV route not FDA approved.
Naloxone Nalmefene	Opiates, Clonidine	Short- acting. Longer-acting.
Octreotide	Sulfonylureas	Inhibits growth hormone and insulin secretion.
Physostigmine	Anti-cholinergics	Used only in rare and severe poisonings.
Protamine Sulfate	Heparin	In severe overdose and marked lab indications.
Pyridoxine	Isoniazid	Dose often dependent on amount INH ingested.
Scorpion Antivenin	Scorpion	No FDA approved antivenin available. An intrastate one used in Arizona. Many types, not all poisonous.
Vitamin K 1	Anticoagulants/Rat Poisons/Warfarin	Given to any patient with prolonged PT.