

ANTICHOLINERGICS	
DRUG OVERDOSE	TREATMENT
Anticholinergics	- Supportive care
Atropine	- Physostigmine (rarely)
Diphenhydramine	
Dimenhydrinate	
Atropa belladonna (deadly nightshade)	
Jimson weed	
Scopolamine	

ANTICOAGULANTS	
DRUG OVERDOSE	TREATMENT
WARFARIN	Vit K
WARFARIN, FACTOR XA-I	Kcentra (prothrombin complex conc)
DTI	Idarucizumab (Praxbind)
HEPARIN, LMWH	Protamine

BZDS & BETA BLOCKERS	
DRUG OVERDOSE	TREATMENT
BZDs	- Flumazenil (romazicon) - Causes seizures in BZD-dependent pts - Off-label use: non-BZD hypnotic overdose (zolpidem) but isn't routinely recommended
BETA BLOCKERS	- Supportive care (1st line) - Glucagon (2nd line) - High dose Insulin w/ glucose (refractory to ↑) - Lipid Emulsion - Enhances elimination of some lipophilic drugs

CCBs & CYANIDE	
DRUG OVERDOSE	TREATMENT
CCBs	- Supportive care - Calcium (chloride or gluconate) - IV only - Monitor ECG - Do NOT infuse in same line as phos-containing soln
CYANIDE	- Hydroxycobalamin (cyanokit) - Na thiosulfate + Na nitrate (Nithiodote)
Cyanide: smoke inhalation, nitroprusside in high doses and for long duration	

DIGOXIN, OLEANDER, FOXGLOVE	
DRUG OVERDOSE	TREATMENT
DIGOXIN	- Digoxin Immune Fab (Digifab)
Oleander	- 40 mg vial binds ~0.5 mg digoxin
Foxglove	- max adult dose is 20 vials

ETHANOL, ETHYLENE GLYCOL, ETC	
DRUG OVERDOSE	TREATMENT
ETHANOL (alcohol)	Thiamine - Prevents Wernicke encephalopathy
ETHYLENE GLYCOL (antifreeze)	Fomepizole (Antizol) -preferred
DIETHYLENE GLYCOL	Ethanol (2nd line)
METHANOL	



5-FLUOROURACIL (5-FU), CAPECITABINE		INSULIN (OTHER HYPOGLYS), ISONIAZID, IRON, ETC	
5-FU	Uridine triacetate	INSULIN & OTHER	Dextrose (1st line) - Drip
CAPECITABINE	Vistogard, Xuriden	HYPOGLYCEMICS	- IV or infusion Glucagon (2nd line)
HEAVY METALS		SULFONYLUREAS	Octreotide (SandoSTATIN)
ARSENIC, GOLD, MERCURY	Dimercaprol or Lead + CaNa ₂ EDTA	INDUCED-HYPOGLYCEMIA	
COPPER	Penicillamine	ISONIAZID	Pyridoxine (vit B6), BZDs, and/or barbiturates - Acute neurotoxicity: IV pyridoxine - 10-50 mg PO QD pyridoxine is used w/ isoniazid to prevent neuropathies
LEAD	Succimer (chemet) or DMSA (dimercaptosuccinic acid)	IRON	Iron overload from blood transfusions:
THALLIUM	Ferric hexacyanoferrate (Prussian blue[radiogardase])	ALUMINUM	Deferoxamine (Deferral) Deferiprone (Ferriprox) and Deferasirox (Exjade, Jadenu)
INSULIN (OTHER HYPOGLYS), ISONIAZID, IRON, ETC		Deferoxamine is contraindicated in severe renal disease	
INSULIN & OTHER	Dextrose (1st line) - Drip	LOCAL ANESTHETICS	
HYPOGLYCEMICS	- IV or infusion Glucagon (2nd line)	Bupivacaine	Supportive care
SULFONYLUREAS	Octreotide (SandoSTATIN)	Mepivacaine	Lipid emulsion 20%
INDUCED-HYPOGLYCEMIA		Ropivacaine	BZDs if seizures
ISONIAZID	Pyridoxine (vit B6), BZDs, and/or barbiturates - Acute neurotoxicity: IV pyridoxine - 10-50 mg PO QD pyridoxine is used w/ isoniazid to prevent neuropathies	Other lipophilic drugs	
IRON	Iron overload from blood transfusions:	LOCAL ANESTHETICS	
ALUMINUM	Deferoxamine (Deferral) Deferiprone (Ferriprox) and Deferasirox (Exjade, Jadenu)	Bupivacaine	Supportive care
Deferoxamine is contraindicated in severe renal disease		Mepivacaine	Lipid emulsion 20%
		Ropivacaine	BZDs if seizures
		Other lipophilic drugs	

