

### ANTICHOLINERGICS

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

### ANTICOAGULANTS

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

### BZDS & BETA BLOCKERS

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

### CCBs & CYANIDE

DRUG OVERDOSE	TREATMENT
<b>CCBs</b>	- Supportive care - <b>Calcium</b> (chloride or gluconate) - IV only - Monitor ECG - Do <b>NOT</b> infuse in same line as phos-containing soln

<b>CYANIDE</b>	- <b>Hydroxycobalamin</b> (cyanokit) - <b>Na thiosulfate + Na nitrate</b> (Nithiodote)
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**Cyanide:** smoke inhalation, nitroprusside in high doses and for long duration

### DIGOXIN, OLEANDER, FOXGLOVE

DRUG OVERDOSE	TREATMENT
<b>DIGOXIN</b>	- <b>Digoxin Immune Fab</b> (Digifab)
Oleander	- 40 mg vial binds ~0.5 mg digoxin
Foxglove	- max adult dose is 20 vials

### ETHANOL, ETHYLENE GLYCOL, ETC

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



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

