

## Additional Drug Overdoses and Treatments (A-L) Cheat Sheet

by olkimmilo via cheatography.com/42456/cs/17034/

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	darucizumab (Praxbind)
HEPARIN, LMWH	Protamine

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		

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

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) DIETHYLENE GLYCOL METHANOL	Fomepizole (Antizol) -preferred Ethanol (2nd line)	



By **olkimmilo** cheatography.com/olkimmilo/

- Lipid Emulsion

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Page 1 of 2.

- Enhances elimination of some lipophilic drugs

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DMSA (dimercaptosuccinic acid) - Acute neurotoxicity: IV pyridoxine					
ARSENIC, GOLD, Dimercaprol or Lead + CaNa2 EDTA   NDUCED-HYPOGLYCEMIA   SULFONYLURE A   NDUCED-HYPOGLYCEMIA   SONIAZID   Pyridoxine (vit B6), BZDs, and/or barbitum - Acute neurotoxicity: IV pyridoxine   NUMINUM   Notes and prevent neuropathies   NDUCED-HYPOGLYCEMIA   SONIAZID   Pyridoxine (vit B6), BZDs, and/or barbitum - Acute neurotoxicity: IV pyridoxine   NSULIN & Perric hexacyanoferrate (Prussian blue [radiogardase])   BRON   Iron overload from blood transfusions:   NSULIN & Destrose (1st line)   Deferoxamine (Deferrat)   Deferoxamine (Deferrat)   Deferoxamine (Deferrat)   Deferoxamine (Deferoxamine is contraindicated in severe renal number of the prevent neuropathies   Notes and			OTHER	-Drip	
ARSENIC, GOLD, Dimerspot or MERCURY Lead + CaNa2 EDTA  MERCURY Lead + CaNa2 EDTA  MERCURY Lead + CaNa2 EDTA  A INDUCED-HYPOGLYCEMIA  LEAD Succimer (chemet) or DMSA (dimercaptosuccinic acid)  THALLIUM Ferric hexacyanoferrate (Prussian blue {radiogardase})  INSULIN (OTHER HYPOGLYS), ISONIAZID, IRON, ETC  INSULIN & Dextrose (1st line)  OTHER -Drip HYPOGLYCEMIC -I/ or infusion  SULFONYLURE Ottreotide (SandoSTATIN)  A INDUCED-HYPOGLYCEMIA  ISONIAZID Pyridoxine (vit B6), BZDs, and/or barbiturates Acute neurotoxicity: IV pyridoxine  - Acute neurotoxicity: IV pyridoxine  - 10-50 mg PO QD pyridoxine is used w/ isoniazid to prevent neuropathies  IRON   Iron overload from blood transfusions:  BUDIVACAIN NETHETICS  Bupivacaine Supportive care Mepivacaine Supportive care  Mepivacaine Supportive care	HEAVY METALS		S	Glucagon (2nd line)	
LEAD  Succimer (chemet) or DMSA (dimercaptosuccinic acid)  THALLIUM  Ferric hexacyanoferrate (Prussian blue [radiogardase])  INSULIN (OTHER HYPOGLYS), ISONIAZID, IRON, ETC  INSULIN & Dextrose (1st line) OTHER - Drip HYPOGLYCEMIC - IV or infusion S Glucagon (2nd line)  SULFONYLURE  A INDUCED- HYPOGLYCEMIA  ISONIAZID  Pyridoxine (vit B6), BZDs, and/or barbiturates - Acute neurotoxicity: IV pyridoxine (Deferran)  A Correctide (SandoSTATIN)  A INDUCED- HYPOGLYCEMIA  ISONIAZID  Pyridoxine (vit B6), BZDs, and/or barbiturates - Acute neurotoxicity: IV pyridoxine (Deferran)  - 10-50 mg PO QD pyridoxine is used w/ isoniazid to prevent neuropathies  IRON  Iron overload from blood transfusions:  ALUMINUM  Deferoxamine (Deferran)  Mepivacaine  Bupivacaine  Cher lipophilic drugs  Supportive care  Ropivacaine  Other lipophilic drugs  Lipid emulsion 20%  Mepivacaine  Supportive care  Mepivacaine  Cher lipophilic drugs  Lipid emulsion 20%  Mepivacaine  Supportive care  Mepivacaine  Supportive care  Mepivacaine  Lipid emulsion 20%  Mepivacaine  Lipid emulsion 20%  Mepivacaine  Supportive care  Mepivacaine  Supportive care  Mepivacaine  Mepivacaine  Supportive care  Mepivacaine  Lipid emulsion 20%  Mepivacaine  Lipid emulsion 20%  Mepivacaine  Lipid emulsion 20%  Mepivacaine  Mepivacaine  Mepivacaine  Lipid emulsion 20%  Mepivacaine  Lipid emulsion 20%  Mepivacaine  Lipid emulsion 20%	MERCURY	Lead + CaNa2 EDTA	A INDUCED-	Octreotide (SandoSTATIN)	
INSULIN (OTHER HYPOGLYS), ISONIAZID, IRON, ETC  INSULIN & Dextrose (1st line) OTHER -Drip HYPOGLYCEMIC - IV or infusion SULFONYLURE Octreotide (SandoSTATIN) A INDUCED- HYPOGLYCEMIA  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  IRON Iron overload from blood transfusions: ALUMINUM Deferiprone (Ferriprox)  IRON Iron overload from blood transfusions: ALUMINUM Deferoxamine (Deferral) Deferiprone (Ferriprox)  IRON Iron overload from blood transfusions: ALUMINUM Deferiprone (Ferriprox)  IRON Iron overload from blood transfusions: ALUMINUM Deferiprone (Ferriprox)  IRON Iron overload from blood transfusions: ALUMINUM Deferiprone (Ferriprox)  IRON Iron overload from blood transfusions: ALUMINUM Deferiprone (Ferriprox)  IRON Iron overload from blood transfusions: ALUMINUM Deferiprone (Ferriprox)  IRON Iron overload from blood transfusions: ALUMINUM Deferiprone (Ferriprox)  IRON Iron overload from blood transfusions: ALUMINUM Deferiprone (Ferriprox)  IRON Iron overload from blood transfusions: ALUMINUM Deferiprone (Ferriprox)  IRON Iron overload from blood transfusions: ALUMINUM Deferiprone (Ferriprox)  IRON Iron overload from blood transfusions: ALUMINUM Deferiprone (Ferriprox)  IRON Iron overload from blood transfusions: ALUMINUM Deferiprone (Ferriprox)  IRON Iron overload from blood transfusions: ALUMINUM Deferiprone (Ferriprox)  IRON Iron overload from blood transfusions: ALUMINUM Deferiprone (Ferriprox)  IRON Iron overload from blood transfusions: ALUMINUM Deferiprone (Ferriprox)  IRON Iron overload from blood transfusions: ALUMINUM Deferiprone (Ferriprox)  IRON Iron overload from blood transfusions: ALUMINUM Deferoxamine (Deferral) Deferiprone (Ferriprox)  IRON Iron overload from blood transfusions: ALUMINUM Deferoxamine (Deferral) Deferiprone (Ferriprox)  IRON Iron overload from blood transfusions: ALUMINUM Deferoxamine (Deferral) Deferoxamine (Deferral) Deferoxamine (Deferral) Deferoxamine (Def		DMSA (dimercaptosuccinic acid)  Ferric hexacyanoferrate (Prussian		- 10-50 mg PO QD pyridoxine is used w/ isoniazid	
INSULIN & Dextrose (1st line) OTHER -Drip -IV or infusion SULFONYLURE A INDUCED- HYPOGLYCEMIA 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  IRON ALUMINUM Deferiprone (Ferriprox)  Deferoxamine (1st line)  And Deferasirox (Exjade, Jadenu)  Deferoxamine is contraindicated in severe rena  LioCAL ANETHETICS  Bupivacaine Mepivacaine Ropivacaine BZDs if seizures  Other lipophilic drugs  LioCAL ANETHETICS  Bupivacaine Other lipophilic drugs  LioCAL ANETHETICS  Bupivacaine Other lipophilic drugs  LioCAL ANETHETICS  Bupivacaine Other lipophilic drugs  Lipid emulsion 20% Ropivacaine Mepivacaine BZDs if seizures  Mepivacaine BZDs if seizures	INSULIN (OTHER I			Iron overload from blood transfusions:  Deferoxamine (Deferral)	
SULFONYLURE  A  INDUCED- HYPOGLYCEMIA  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  IRON ALUMINUM  Deferoxamine (Deferral) Deferiprone (Ferriprox)  Deferiprone (Ferriprox)  Deferoxamine (Deferral) Deferiprone (Ferriprox)  Deferoxamine (Deferral) Deferiprone (Ferriprox)  Deferoxamine (Deferral) Deferiprone (Ferriprox)  Deferiprone (Ferriprox)  LOCAL ANETHETICS  Bupivacaine  Cother lipophilic drugs  LOCAL ANETHETICS  Bupivacaine Mepivacaine Mepivacaine Bupivacaine Mepivacaine Bupivacaine	OTHER HYPOGLYCEMIC	-Drip - IV or infusion		and  Deferasirox (Exjade, Jadenu)	
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  IRON Iron overload from blood transfusions: ALUMINUM Deferiprone (Ferriprox)  BZDs if seizures Other lipophilic drugs  LOCAL ANETHETICS  Bupivacaine Supportive care Mepivacaine Mepivacaine BZDs if seizures	A INDUCED-	Octreotide (SandoSTATIN)	Bupivacaine	CS Supportive care	
IRON Iron overload from blood transfusions:  ALUMINUM  Deferoxamine (Deferral)  Deferiprone (Ferriprox)  Bupivacaine  Mepivacaine  BZDs if seizures	ISONIAZID	<ul><li>- Acute neurotoxicity: IV pyridoxine</li><li>- 10-50 mg PO QD pyridoxine is used w/ isoniazid to</li></ul>	Ropivacaine Other lipophilic drug	BZDs if seizures	
Deferasirox (Exjade, Jadenu)  Other lipophilic drugs		Deferoxamine (Deferral)  Deferiprone (Ferriprox)  and	Bupivacaine Mepivacaine Ropivacaine	Supportive care  Lipid emulsion 20%  BZDs if seizures	



By **olkimmilo** 

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Page 2 of 2.

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