

### MTX, METHEMOGLOBINEMIA, 'SHROOMS

<b>MTX</b>	<b>Leucovorin</b> (Folinic acid) <b>Levoleucovorin</b> (Fusileer) <b>Glucarpidase</b> (Voraxaze)
<b>METHEMO-GLOBINEMIA</b>	<b>Methylene blue</b> (ProvayBlue) - Contra: G6PD deficient pts - Avoid admin w/ SSRIs and SNRIs

<b>MUSHROOMS</b> (amatoxin-containing)	Supportive care <b>Silibinin</b> (Legalon SIL) - Flavonoid in milk thistle - Hepatoprotective <b>Atropine</b> - if severe muscarinic symptoms - Bradycardia
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### NAPHTHALENE, NEOSTIGMINE, NICOTINE

<b>NAPHTHALENE</b> (from mothballs)	Supportive care <b>Methylene blue</b> (ProvayBlue)
<b>NEOSTIGMINE</b>	<b>Pralidoxime</b> (Protopam)
<b>PYRIDOSTIGMINE</b> (anticholinesterase drugs)	- counteracts muscle weakness - counteracts respiratory depression
<b>NICOTINE</b> (including e-cigs)	Supportive care <b>Atropine</b> - txs bradycardia <b>BZDs</b> - txs seizures

### ORGANOPHOSPHATES (OPs)

<b>INDUSTRIAL INSECTICIDES</b> MALATHION	<b>Atropine</b> <b>Pralidoxime</b>
<b>NERVE (WARFARE) GASES</b> SARIN, OTHERS	<b>Combo</b> - DuoDote - ATNAA

**Atropine** - anticholinergic, blocks SLUDGE symptoms  
**Pralidoxime** - txs muscle weakness and relieves respiratory paralysis

### PETROLEUM DISTILLATES

<b>GASOLINE</b>	Supportive care
<b>KEROSENE</b>	Do not induce vomiting
<b>MINERAL OIL</b>	Keep pt NPO
<b>PAINT THINNERS</b>	- Aspiration risk

### PARALYTICS

<b>ROCURONIUM BROMIDE,</b> <b>VECURONIUM BROMIDE,</b> <b>PANCURONIUM BROMIDE</b>	<b>Neostigmine methylsulfate</b> (Bioxiverz)
<b>ROCURONIUM BROMIDE,</b> <b>VECURONIUM BROMIDE</b>	<b>Sugammadex</b> (Bridion)

For reversal of the effects of neuromuscular blocked induced in adults undergoing surgery  
Administer an anticholinergic agent to prevent bradycardia  
- Prior w/ **atropine** or **glycopyrrolate** or  
- With **neostigmine**

### SALICYLATES & STIMULANTS

<b>SALICYLATES</b>	<b>Sodium bicarbonate</b> - Alkalinizing agent - Alkalizes urine - ↓ drug reabsorption - ↑ excretion
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<b>STIMULANTS</b> Amphetamines Weight loss drugs Cocaine Ephedrine Caffeine Theophylline MDMA (ecstasy)	Supportive care <b>BZDs</b> - tx agitation/seizures
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### TCAs & VALPROATE, ETC

<b>TCAs</b>	Supportive care <b>Sodium bicarbonate</b> - ↓ widened QRS <b>BZDs</b> - tx agitation/seizures <b>Vasopressors</b> - May need for HOTN
<b>VALPROATE OR TOPIRATE-INDUCED HYPERAMMONEMIA</b>	<b>Levocarnitine</b> (Carnitor)

