

MTX, METHEMOGLOBINEMIA, 'SHROOMS

MTX
Leucovorin (Folinic acid)
Levoleucovorin (Fusileer)
Glucarpidase (Voraxaze)

METHEMO-GLOBINEMIA
Methylene blue (ProvayBlue)
 - Contra: G6PD deficient pts
 - Avoid admin w/ SSRIs and SNRIs

MUSHROOMS
 (amatoxin-containing)
 Supportive care
Silibinin (Legalon SIL)
 - Flavonoid in milk thistle
 - Hepatoprotective
Atropine
 - if severe muscarinic symptoms
 - Bradycardia

NAPHTHALENE, NEOSTIGMINE, NICOTINE

NAPHTHALENE
 (from mothballs)
 Supportive care
Methylene blue (ProvayBlue)

NEOSTIGMINE
Pyridostigmine (anticholinesterase meds)
Pralidoxime (Protopam)
 - counteracts muscle weakness
 - counteracts respiratory depression

NICOTINE
 (including e-cigs)
 Supportive care
Atropine - txs bradycardia
BZDs - txs seizures

ORGANOPHOSPHATES (OPs)

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

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

PETROLEUM DISTILLATES

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

PARALYTICS

ROCURONIUM BROMIDE, VECURONIUM BROMIDE, PANCURONIUM BROMIDE
Neostigmine methylsulfate (Bioxiverz)

ROCURONIUM BROMIDE, VECURONIUM BROMIDE
Sugammadex (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

SALICYLATES
Sodium bicarbonate
 - Alkalinizing agent
 - Alkalizes urine
 - ↓ drug reabsorption
 - ↑ excretion

STIMULANTS
 Amphetamines
 Weight loss drugs
 Cocaine
 Ephedrine
 Caffeine
 Theophylline
 MDMA (ecstasy)
 Supportive care
BZDs
 - tx agitation/seizures

TCAs & VALPROATE, ETC

TCAs
 Supportive care
Sodium bicarbonate
 - ↓ widened QRS
BZDs
 - tx agitation/seizures
Vasopressors
 - May need for HOTN

VALPROATE OR TOPIRATE-INDUCED HYPERAMMONEMIA
Levocarnitine (Carnitor)