








# Drug Overdose - Toxidromes

Toxidrome	Vitals	Pupils	Other Symptoms	Drugs
Sympathomimetic	 <ul style="list-style-type: none"> <li>• Temp</li> <li>• HR</li> <li>• RR</li> <li>• BP</li> </ul>	Mydriasis	Hyperalert, agitation, hallucinations Diaphoresis, tremors, hyper-reflexia, seizures	Cocaine, amphetamines, ephedrine, pseudoephedrine, theophylline, caffeine
Anticholinergic	 <ul style="list-style-type: none"> <li>• Temp</li> <li>• HR</li> <li>• RR</li> <li>• BP</li> </ul>	Mydriasis	Hypervigilance, agitation, hallucinations, coma Dry, flushed skin, dry mucous membranes, decreased bowel sounds, urinary retention, myoclonus, seizures (rarely)	Antihistamines, tricyclics, anti-Parkinson agents, antispasmodics, phenothiazines (anti-psychotics), atropine
Hallucinogenic	 <ul style="list-style-type: none"> <li>• Temp</li> <li>• HR</li> <li>• RR</li> <li>• BP</li> </ul>	Mydriasis	Hallucinations, agitation Nystagmus	Phencyclidine, LSD, MDMA ("Ecstasy")
Serotonin Syndrome	 <ul style="list-style-type: none"> <li>• Temp</li> <li>• HR</li> <li>• RR</li> <li>• BP</li> </ul>	Mydriasis	Tremor, myoclonus, hyper-reflexia, clonus, diaphoresis, flushing, rigidity, diarrhoea	MAOIs alone or with SSRIs, TCAs, L-tryptophan
Opioid	<ul style="list-style-type: none"> <li>• Temp</li> <li>• HR</li> <li>• RR</li> <li>• BP</li> </ul> 	Miosis	CNS depression, coma Hyporeflexia, pulmonary oedema, needle marks	Opioids e.g. heroin, morphine, methadone, oxycodone
Sedative / Hypnotic	<ul style="list-style-type: none"> <li>• Temp</li> <li>• HR</li> <li>• RR</li> <li>• BP</li> </ul> 	Miosis / Mydriasis	CNS depression, confusion, coma Hyporeflexia	Benzodiazepines, barbiturates, alcohols
Cholinergic	<ul style="list-style-type: none"> <li>• Temp</li> <li>• HR</li> <li>• RR</li> <li>• BP</li> </ul> 	Miosis	Confusion, coma Salivation, incontinence, diarrhoea, emesis, diaphoresis, lacrimation, GI cramps, bronchoconstriction, muscle fasciculation / weakness, seizures	Organophosphate and carbamate insecticides, nerve agents, nicotine, pilocarpine, edrophonium