

2009 DRUGS OF ABUSE

1. Ketamine or GHB/GBL
 - a. CNS depressant and anesthetic
 - b. Taken p.o. or IV
 - c. Sx/sx – headache, confusion, ataxia, hallucinations, delirium, euphoria, dizziness
↓ HR, ↓ RR, extrapyramidal effects, seizure-like activity and coma
 - d. Onset – 15-30 minutes
 - e. Duration – 1-2 hours with full recovery in about 8 hours
 - f. Management – treat symptoms, **airway control**, restrain as pt will come up combative
 - g. Names – Vitamin K, Kit Kat, Special K, breakfast cereal, “G”, Blue Nitro

2. Methamphetamines, amphetamines, hallucinogenic amphetamines, sympathomimetics
 - a. Sympathetic excitation
 - b. Sx/sx – agitation, HTN, mydriasis, trismus, diaphoresis, ↑ Temp, ↑ HR, ↑ RR, arrhythmias, seizures
 - c. Onset – 20 – 60 minutes
 - d. Duration – 9-19 hours
 - e. Management – treat symptoms, benzodiazepines
 - f. Names – Ecstasy, “X”, Hug Drug, Crystal, Ice, Meth, Glass, MDMA, Ritalin, Adderall, Ephedra/MaHuang

3. Cocaine
 - a. Local anesthetic, CNS and cardiac stimulant
 - b. Taken p.o., IV, intranasal, rectal, vaginal
 - c. Sx/sx – similar to amphetamines, CNS ↑ → CNS ↓, ↑ Temp = ↑ fatality
HTN & ↑ HR → ↓ BP/shock, ↑ RR, mydriasis, seizures, AMI, CVA
 - d. Onset – 5 – 60 minutes
 - e. Duration – 1-2 hours
 - f. Management – treat symptoms, benzodiazepines, **Avoid Beta Blockers**
 - g. Names – Coke, crack, crank, rock

4. Heroin
 - a. CNS depressant, analgesic
 - b. Taken – p.o., IV, intranasal, intradermal
 - c. Sx/sx – miosis, ↓ RR, ↓ LOC, ↓ HR, euphoria, lethargy
 - d. Onset – rapid
 - e. Duration – several hours
 - f. Management – Naloxone or nalmefene - longer acting narcotic antagonist, consider a drip to maintain, **airway control**
 - g. Names – Smack, Black Tar, Horse, “H”, china white, fentanyl and Duragesic patches

5. Hallucinogens
 - a. CNS stimulants
 - b. Taken – p.o., inhalation
 - c. Sx/sx - ↑↑ activity, miosis or mydriasis, omnipotence, nystagmus, ↑ BP, ↑ HR, hallucinations, paranoia, increased activity and strength, seizures
 - d. Onset – rapid
 - e. Duration – several hours to days
 - f. Management – treat symptoms, benzodiazepines, fluids
 - g. Names – PCP, angel dust, purple haze, LSD, Jimson Weed, nutmeg, mescaline, peyote

6. Imidazolines
 - a. Alpha 2 stimulant similar to clonidine = inhibits the release of norepinephrine
 - b. Taken – p.o.
 - c. Sx/sx – lethargy, ↓BP, shock, ↓ **HR**, ↓ RR, **coma**, poss Sz
 - d. Onset – 30-60 minutes
 - e. Duration – 12-36 hours
 - f. Management – Activated Charcoal, treat symptoms
 - g. Names – Visine original, Murine original, Afrin, Clonidine

7. Serotonin Syndrome
 - a. Adverse reaction to several types of medications
 - b. Sx/sx – MUST INCLUDE AT LEAST 3 OF THE FOLLOWING:
 mental status changes, agitation, myoclonus, hyperreflexia
 diaphoresis, shivering, tremor, diarrhea, incoordination, ↓ **temp**
 - c. Additional sx/sx - ↑ **HR/RR**, mydriasis, **HTN**, trismus, opisthotonus
 flushing, ↓ BP, abdominal pain, salivation, seizures, insomnia
 - d. Onset – varies
 - e. Duration – varies
 - f. Management – Monitor electrolytes, glucose, renal function, CK, LFT's
 Acid/base, UA and UO for rhabdomyolysis, treat symptoms
 - g. Names – amphetamine, cocaine, ecstasy

8. Other current drugs
 - a. Coricidin HBP (CCC) – antihistamine for anticholinergic effects – hallucinations, tachycardia, lethargy, seizures (Sz), dry mouth, mydriasis = Triple C, Skittles
 - b. Robitussin DM – CNS depressant – similar to narcotics – attaches to narcotic receptor sites in brain – consider naloxone or a new longer acting narcotic antagonist Robofire or Robotripping = Robitussin DM with ammonia, lighter fluid and a flavoring
 - c. Vaporubs – to bring down off Ecstasy high or just for camphor effects - CNS stimulant and then leads to Sz and CNS depression – usually occur with 90 minutes, treat symptoms
 - d. Prescription Narcotics – can readily abused and often crushed and snorted for a different high

BANNER GOOD SAMARITAN POISON CONTROL CENTER - 602-253-3334
 1-800-222-1222 – National Number for all Poison Control Centers

Web sites: www: dea.gov, CDC.gov, nida.nih.gov (for current most correct information)
 drugfreeamerica.org, drugfreeaz.com, wiresafety.org (parent sites)
 Erowid.org – slang dictionary, Lycaeum.org - plants
 neonjoint.com, larrycarlson.com, worldwideseeds.com, hydroblunt.com,
 chroniccandy.com (what kids look at)