

Class Preparation
Substance Abuse

Fill in the chart:

Drugs	Symptoms of Use	Symptoms of Intoxication	Symptoms of Withdrawal
CNS Depressants Examples: ETOH	Wernicke-Korsakoff syndrome → Thiamine! Alcoholic cardiomyopathy Esophagitis Gastritis Pancreatitis Alcoholic hepatitis → Cirrhosis Thrombocytopenia	Slurred speech Incoordination Unsteady gait Drowsiness Decreased B/P Disinhibition of sexual or aggressive drives Impaired judgment Impaired social or occupational function Impaired attention Irritability	Tremors Cramps Vomiting Elevated heart rate B/P, temperature Anxiety Headache GI disturbances Insomnia
CNS Stimulants Examples: Amphetamines: Ecstasy, methamphetamine Synthetic stimulants: Bath salts Methylphenidate (Ritalin) Cocaine (crack) Caffeine Nicotine	Neurotoxicity & Psychosis Cracked teeth, skin infections, lung/ kidney/ liver damage	Euphoria, decreased appetite impaired judgment, confusion Tachycardia, HTN Hyperthermia	Sleep disturbances, fatigue Cravings Dysphoria → Suicidal ideation
Opioids Examples: Morphine, hydromorphone, heroin	CNS effects: euphoria, mood changes, mental clouding, drowsiness, pain reduction Gastrointestinal effects: n/v, decrease GI motility Cardiovascular effects: ↓ pain (MI), ↓BP	Symptoms last for several hours: euphoria apathy dysphoria psychomotor agitation or retardation impaired judgment Constricted pupils, ↓ respirations, ↓ BP, Slurred speech Severe opioid intoxication respiratory depression, coma, and death.	nausea/vomiting lacrimation or rhinorrhea pupillary dilation Piloerection/ chills sweating abdominal cramping diarrhea yawning fever Insomnia Panic

<p>Hallucinogens Examples:</p> <p>Naturally occurring hallucinogens (plants, mushrooms): Mescaline, Psilocybin, salvia</p> <p>Synthetic compounds: LSD, ketamine, PCP</p>	<p>Effects on the Body</p> <p>Physiological- Nausea/vomiting Chills Pupil dilation Increased blood pressure pulse Insomnia Elevated blood sugar Decreased respirations</p> <p>Psychological Heightened response to color, sounds Paranoia, panic Euphoria Depersonalization/ Derealization Hallucinations → stimulation of the SNS</p>	<p>Hypothermia Respiratory failure Memory loss Blurred vision Dilated pupils Speech impairment Impaired motor skills Seizures Rapid breathing Sensory distortions Illogical speech Coma Stroke Memory loss Death</p>	<p>Panic attacks Speech problems Severe mood swings Seizures and tremors Elevated blood pressure and heart rate</p>
<p>Inhalants Examples:</p> <p>fuels, solvents, adhesives, aerosol propellants, and paint thinners</p>	<p>Effects on the body</p> <p>CNS effects: ataxia, neuropathy, speech problems, tremors</p> <p>Respiratory effects: wheezing, dyspnea, emphysema, pneumonia</p> <p>Gastrointestinal effects: abdominal pain, n/v</p> <p>Renal system effects: acute and chronic renal failure</p>	<p>Develops during or shortly after exposure</p> <p>Dizziness, ataxia, muscle weakness Euphoria, excitation, disinhibition, slurred speech Nystagmus, blurred or double vision Psychomotor retardation, hypoactive reflexes Stupor or coma</p>	<p>Support respirations May have psychotic response → hours - weeks Haloperidol for agitation</p>