

Class Preparation
Substance Abuse

Fill in the chart:

Drugs	Symptoms of Use	Symptoms of Intoxication	Symptoms of Withdrawal
CNS Depressants Examples: Alcohol, barbiturates, benzodiazepines, opioids	<ul style="list-style-type: none"> - Sleepiness - Uncoordinated movements - Poor concentration - Confusion - Low blood pressure 	<ul style="list-style-type: none"> - Sleepiness - Incoordination - Low blood pressure - Slowed breathing - Slurred speech - Pale, clammy, bluish skin - Vomiting 	<ul style="list-style-type: none"> - Anxiety - Agitation - Irritability - Panic attacks - Insomnia - Restlessness - Shakiness - Increased HR, BP and temp. w/ sweating - Hallucinations and seizures - Severe cravings
CNS Stimulants Examples: Amphetamines (Ecstasy, methamphetamine), synthetic stimulants (bath salts), methylphenidate, cocaine, caffeine, nicotine	Long Term Abuse <ul style="list-style-type: none"> - Neurotoxicity & Psychosis - Cracked teeth, skin infections, lung/ kidney/ liver damage 	<ul style="list-style-type: none"> - Euphoria, decreased appetite - impaired judgment, confusion - Tachycardia, HTN - Hyperthermia 	<ul style="list-style-type: none"> - Sleep disturbances, fatigue - Cravings - Dysphoria → Suicidal ideation
Opioids Examples: Opium, Morphine, Heroin, Oxycodone, Hydrocodone, Methadone, Fentanyl	<ul style="list-style-type: none"> - CNS effects: euphoria, mood changes, mental clouding, drowsiness, pain reduction - Gastrointestinal effects: n/v, decrease GI motility - Cardiovascular effects: ↓ pain (MI), ↓BP 	<ul style="list-style-type: none"> - 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. 	<ul style="list-style-type: none"> - nausea/vomiting - lacrimation or rhinorrhea - pupillary dilation - Piloerection/ chills - sweating - abdominal cramping - diarrhea - yawning - fever - Insomnia - Panic

<p>Hallucinogens Examples: Mescaline, Psilocybin, salvia, LSD, ketamine, PCP</p>	<p>Effects on the Body</p> <p>Physiological</p> <ul style="list-style-type: none"> - Nausea/vomiting - Chills - Pupil dilation - Increased blood pressure, pulse - Insomnia - Elevated blood sugar - Decreased respirations <p>Psychological</p> <ul style="list-style-type: none"> - Heightened response to color, sounds - Paranoia, panic - Euphoria - Depersonalization/ Derealization - Hallucinations → stimulation of the SNS 	<ul style="list-style-type: none"> - Aggressive behavior - N/v - poor focus - Increased HR - Respiratory distress 	<ul style="list-style-type: none"> - Panic attacks - Speech problems - Severe mood swings - Seizures and tremors - Elevated blood pressure and heart rate
<p>Inhalants Examples: Fuels, solvents, adhesives, aerosol, propellants, and paint thinners</p>	<p>CNS effects:</p> <ul style="list-style-type: none"> - ataxia, neuropathy, speech problems, tremors <p>Respiratory effects:</p> <ul style="list-style-type: none"> - wheezing, dyspnea, emphysema, pneumonia <p>Gastrointestinal effects:</p> <ul style="list-style-type: none"> - abdominal pain, n/v <p>Renal system effects:</p> <ul style="list-style-type: none"> - acute and chronic renal failure 	<ul style="list-style-type: none"> - Dizziness, ataxia, muscle weakness - Euphoria, excitation, disinhibition, slurred speech - Nystagmus, blurred or double vision - Psychomotor retardation, hypoactive reflexes - Stupor or coma 	<ul style="list-style-type: none"> - Nausea - Sweating - Problems sleeping - Mood changes - Strong cravings for inhalants