

PRESCRIPTION DRUG COMPARISON

DEPRESSANTS: Narcotic/Opioid and Sedative/Hypnotic Prescription Drugs		STIMULANT Prescription Drugs
GENERALLY PRESCRIBED FOR:		
Narcotic/Opioids- Painkillers <ul style="list-style-type: none"> Management of acute or chronic pain Post surgical pain relief Relief of cough and diarrhea (codeine) 	Sedative-hypnotics. <ul style="list-style-type: none"> Sleep Disorders Epilepsy Acute stress reactions Anxiety Tension Panic attacks Muscle Relaxants Seizures 	Stimulants <ul style="list-style-type: none"> Attention-deficit hyperactivity disorder (ADHD) Narcolepsy Obesity Milder Stimulants- Lose Weight
NONMEDICAL USE:		
Deaden emotional pain, get a rush, induce euphoria, and prevent withdrawal symptoms.	<ul style="list-style-type: none"> To relieve agitation, induce mild euphoria, lower inhibitions. Blackouts & suicide attempts. 	Surge of pleasure, rush or flash, burst of energy. <ul style="list-style-type: none"> To stay awake Euphoric Effect Anorexia
GENERIC & TRADE NAME, & SLANGS		
Natural Origin: Codeine typically with aspirin or Tylenol® Slangs: Number 4's, Loads, sets, 4s, and doors. Morphine: Infumorph®®, Kadian®, Avinza® Slangs: "M," Murphy, orph, Miss Opium: Pantopon®, Laudanum®, Slangs: "O," op, poppy. The opium poppy is the key ingredient for many narcotics, including morphine, codeine, and heroin. Semi-synthetic: Hydrocodone & acetaminophen: Vicodin®, Lortab®, Lorcet®, Anexia®, Zydane®, Norco® Slangs: Vike, Meperidine: Demeral® Oxycodone: Percodan®(w/aspirin), Percocet®(w/acetaminophen), Tylox®(acetaminophen Capsules), Combunox®(HCl and ibuprofen). OxyContin® (Time-released), OxyFAST® Slangs: Percs, hillbilly heroin, ocs, oxy, oxy-80s, oxycotton, kicker, blues, Roxi Hydromorphone: Dilaudid®, Hydral® Slangs: Dillies, drugstore heroin Synthetic: Methadone: (long-acting) Dolophine® Slangs: Juice, Amidone, Chocolate Chip Cookies, Fizzies, Maria, Pastora Propoxyphene & acetaminophen: Darvon®, Darvocet® Fentanyl: Duragesic®, Sublimaze® Slangs: Murder, Apache Bear, Good fellas, TNT. Buprenorphine: Puprenex®, Suboxone Slangs: Bupe, sub	Benzodiazepines (typically indented for Short-term use): Slangs: Benzos, tranx, BSZs, downers candy, downers, sleeping pills, tanks Long Acting: Flurazepam: Dalmane®, Prazepam: Centrax®, Quazepam: Doral®, Halazepam: Paxipam® Intermediate-Acting: Diazepam: Valium® Slangs: Vals, valley girl. Clorazepate: Tranxene®, Clonazepam: <u>Klonopin®</u> Slangs Klannies, klons, Klondike bars. Chlordiazepoxide: Librium/Librinab® Short Acting: Alprazolam: <u>Xanax®</u> Slangs: Xannies, bars, x-boxes, coffins Lorazepam: Ativan®, Oxazepam: Serax®, Temazepam: Restoril® Barbiturates: (Rarely Prescribed) Prescribed to promote sleep. Amytal®, Nembutal®, Seconal®. Most replaced by benzodiazepines Nonbenzodiazepine/Nonbarbituate Sedative-Hypnotics: Slangs: Jelly beans, Miceys, knockout drops Zolpidem- <u>Ambien®</u> , Eszopiclone- <u>Lunesta®</u> Bromides- <u>BuSpar®</u> Chloral hydrate- <u>Noctec®</u> , & <u>Somas®</u> Zaleplon- <u>Sonata®</u> , GHB(gammahydroxybutyrate)- Xyrem® Slangs: Grievous bodily harm, liquid E, fantasy, Georgia homeboy, liquid ecstasy, scoop. Minor Depressants: Muscle Relaxants: Carisoprodol- <u>Soma®</u> , Cyclobenzaprine- <u>Flexeril®</u> , Methocarbamol- <u>Robaxin®</u>	Amphetamines & Methamphetamine: (Strong Synthetic) Slangs: ralls, A-train, A-bomb, bennies, addies, crosstaps, whites, speed black beauties, bennies, cartwheels, pep pills, gofast hearts, wake-ups, Christmas trees, beans, d, l amphetamines- <u>Adderall®</u> , Dextroamphetamine sulfate: <u>Dexedrine®</u> **Similar to cocaine(natural & illegal)- main difference: synthetic, longer acting, & cheaper. Methamphetamine: <u>Desoxyn®</u> Slangs: Yaba(pills); only 5mg. Methamphetamine is closely related chemically to amphetamine, but the central nervous system effects of methamphetamine are greater. Amphetamines Congeners: (Moderate) Methylphenidate: <u>Ritalin®</u> , <u>Focalin®</u> , <u>Concerta®</u> , <u>Metadate CD®</u> , <u>Methylin®</u> , <u>Day Trana Patch®</u> Slangs: Pellets, Vitamin R, JIF, MPH, R-ball, Skippy, e smart drug <u>Lisdexamfetamine, Vyvanse®</u> . <u>Fenfluramine- Pondimin®</u> (Illegal in US) Slangs: Fen-phen Diet pills: Phendimetrazine: <u>Bontril®</u> Phentermine: <u>Adipex P®</u> Slangs: Blasting Caps, Chi Powder, Diet Max, Diet Pep, Ephedra 850, Herbal Fuel, Kickers Instant, Mega Ripped, Minithins, New Zest, Now Ripped Fuel Tea Other stimulants: Modafinil- <u>Provigil®</u> ; Sibutramine- <u>Meridia®</u> ; Atomoxetine- <u>Strattera®</u> Nonprescription Stimulants: Over-the-Counter: (Milder) Pseudoephedrine products include- <u>Drixoral</u> , <u>Zyrtec-D 12-Hour</u> , <u>Advil Allergy Sinus</u> , <u>Mucinex D</u> , <u>Children's Motrin Cold</u> , <u>Sine-Aid 18</u> , <u>Claritin-D 24 Hour</u> , <u>Sudafed 24 & 12 Hours</u> , <u>Afrinol</u> . ●Caffeine, energy drinks, and nicotine
DRUGS CAUSING SIMILAR EFFECTS		
With the exception of pain relief & cough suppression, most CNS depressants (like alcohol benzodiazepines & heroin) have similar effects: <u>slowed breathing, tolerance & dependence.</u>	Alcohol, sleeping pills, and GHB. Very similar to the emotional and physical effects of alcohol.	Methylphenidate and dexmethylphenidate, phentermine, benzphetamine, phendimetrazine, cocaine, crack, methamphetamine, khat.
SIGNS OF ABUSE		
<u>Pinpoint(constricted) pupils</u> , droopy eyelids, sunken eyes, sluggishness, slurred speech, depressed reflexes, confused, suppressed cough, constipationed, slow pulse, <u>low blood pressure & shallow breathing</u> , dryness of mouth, euphoria. ● Initial euphoria is followed by a period of sedation, known in street terms as "nodding off."	Typically normal pupil size, thick slurred speech, disorientation, uncoordinated, drowsiness, drunken behavior without odor of alcohol. And <u>impairs memory, awareness, and judgment.</u>	<u>Large (dilated) pupils</u> , nervousness, insomnia, talkative, grinding teeth (bruxism), runny nose, anxiety, over confident, aggressive, paranoid, loss of appetite, body tremors, violent, euphoria, <u>increased in pulse rate & blood pressure.</u>
SHORT-TERM USE		
Alleviates pain, causes drowsiness, constipation, depressed respiration (depending on dosage), can't concentrate & apathetic.	A "sleepy" & uncoordinated feeling during the 1st few days; as the body becomes tolerant to the effects, these feelings diminish.	Elevated blood pressure, increased heart rate, increased respiration, suppressed appetite, sleep deprivation.
LONG-TERM USE: Tolerance, tissue dependence, addiction		
<ul style="list-style-type: none"> Severe constipation, women's period delayed, sexual desire dulled. Heavier users- eyelids droop and the head nods forward, coordinating slowed. 	<ul style="list-style-type: none"> Benzodiazepines: impair the ability to learn new information. Disrupts the transfer of information from short to long-term memory. 	<ul style="list-style-type: none"> Heart disease, mental imbalances, paranoid, aggressive, twitching, malnutrition, psychotic, deplete energy sources & severe depression. Can lead to feelings of hostility or paranoia.
WITHDRAWAL		
<ul style="list-style-type: none"> Flu-like symptoms, muscle cramps, <u>dilated pupils</u>, coughing, <u>high blood pressure, rapid pulse, diarrhea</u>, sweating, runny nose, anxiety, severe depression, nausea. Almost opposite symptoms as if using depressants. Mood swings and sleep problems typically last for three to six months but can last up to 18 months. ●Almost never life threatening. 	<ul style="list-style-type: none"> Headaches, tremors, muscles twitching, nausea and vomiting, anxiety, restlessness, yawing, inability to focus, sleep disturbance, dizziness, delirium, convulsions, <u>possible death.</u> Addicted patients should undergo medically supervised detoxification because the treatment dose must be gradually tapered. 	<ul style="list-style-type: none"> Agitation, increased body temperature, hallucinations, convulsions, apathy, long periods of sleep, depression, disorientation & <u>possible death.</u> Severe depression can last for days or weeks or occasionally months. Causes physical and emotional depression, extreme irritability, nervousness, lack of energy, anhedonia (loss of ability to experience pleasure) and craving. Produces symptoms similar to depressant drug use.
SIGNS OF OVERDOSE		
<ul style="list-style-type: none"> Slow and shallow breathing, clammy skin, convulsions, coma, possible death. 	<ul style="list-style-type: none"> Shallow respiration, clammy skin, dilated pupils, weak and rapid pulse, coma, possible death. 	<ul style="list-style-type: none"> Agitation, high body temperature, irregular heartbeat, hallucinations, seizure, convulsions, possible death.
HOW the Drug EFFECTS the BODY		
<ul style="list-style-type: none"> Body becomes insensitive to pain and a decrease in blood pressure, pulse & respiration. ● <u>a single dose can be lethal to an inexperienced user.</u> Opioids affect many organs & tissues in every part of the body especially used in excess. 	<ul style="list-style-type: none"> Depress the overall functioning of the central nervous system-CNS. CNS depressants slow brain activity through actions on the GABA system, producing a calming effect. Can stay in the body for weeks. 	<ul style="list-style-type: none"> Constricts blood vessels, increases heart rate, and raises blood pressure & body temperature, speeds up respiration, suppresses appetite. Cardiovascular failure or lethal seizures. Enhances brain activity, causing an increase in alertness, attention, & energy.
POLY DRUG EFFECTS		
<ul style="list-style-type: none"> Alcohol is especially dangerous when mixed with drugs. Alcohol slows the heart & respiratory system, changes the way messages travel in the brain. Alcohol can also intensify the effects of drugs in the body. Mixed with opioid painkillers, alcohol can slow breathing, causing respiratory failure & death. 	<ul style="list-style-type: none"> Often use in conjunction with other drugs. ● Using CNS depressants with these other substances, particularly alcohol, can slow both the heart and respiration and may lead to death. If more than one depressant drug is used (poly drug) the combination can cause a much greater reaction than simply the sum of the effects. (Synergistic effect). 	<ul style="list-style-type: none"> If a depressant & stimulant are mixed it can cause unexpected & possible life-threatening cardiovascular effects. ● <u>Cocaine and stimulants taken simultaneously increase the risk for heart attack & stroke.</u> Alcohol can also intensify the effects of drugs in the body. Mixed with CNS depressants such as Valium and Xanax, alcohol can slow breathing, causing respiratory failure and death.
ADDITIONAL INFORMATION		
<ul style="list-style-type: none"> Tolerance to some actions of opioids can be so high that a hundredfold increase in dose is required to produce the original effect. The body becomes more sensitive to pain because the body produces fewer of its own painkillers. 	<ul style="list-style-type: none"> Many diagnoses of dementia are actually due to overuse of benzodiazepines. Should be used as short term and for specific conditions, not as long-term medication. 	Stimulants, such as dextroamphetamine (Dexedrine and Adderall) & methylphenidate (Ritalin and Concerta), have chemical structures similar to a family of key brain neurotransmitters called monoamines.
Illegal or Not legitimate for medical use		
Heroin- Slangs: Smack, junk, tar, Mexican brown, cheese, China White, Harry, skag, Rufus, Perze, "H", horse, dava, boy Vick, Vic, Watson 387	Banned in the U.S.- Flunitrazepam-Rohypnol®(Slangs: Circles, Forget Pill, La Rocha, Lunch Money Drug, Mexican Valium, Pingus, R2, Reynolds, Roach, Roofies, Rophies). Rohypnol is now made as an oblong olive green tablet with a speckled blue core that when dissolved in light-colored drinks will dye the liquid blue.	<ul style="list-style-type: none"> Methamphetamine- No Trade Name (Slangs Crank, Ice, Crystal meth, yellow rock, Yaa baa, glass) Forms: Powder & Crystal Cocaine- Slangs: coke, blow, toot, snow, nose Crack Cocaine-Slangs: crack, base, rock, bassay, boulya, pasta, Eve, thizz.
RESOURCES: Book: <u>Uppers, Downers, All Arounders</u> Websites: USDOJ, FDA, NIDA, DEA, SAMHSA, DrugAbuse, GetSmartAboutDrugs, Synopsis of Psychiatry		