

DRUG CATEGORY SYMPTOMOLOGY CHART

Major Indicators	CNS Depressants	CNS Stimulants	Hallucinogens	Phencyclidine (PCP)	Narcotic Analgesic	Inhalants	Cannabis
HGN	Present	None	None	Present	None	Present	None
Vertical Nystagmus	Present (high doses)	None	None	Present	None	Present (high doses)	None
Lack of Convergence	Present	None	None	Present	None	Present	Present
Pupil Size	Normal (1)	Dilated	Dilated	Normal	Constricted	Normal (4)	Dilated (6)
Reaction to Light	Slow	Slow	Normal (3)	Normal	Little or none visible	Slow	Normal
Pulse Rate	Down (2)	Up	Up	Up	Down	Up	Up
Blood Pressure	Down	Up	Up	Up	Down	Up/Down (5)	Up
Body Temperature	Normal	Up	Up	Up	Down	Up/Down Normal	Normal
Muscle Tone	Flaccid	Rigid	Rigid	Rigid	Normal to Flaccid	Flaccid	Normal
General Indicators	Uncoordinated Disoriented Sluggish Thick, Slurred speech Drunk-like Behavior Drowsiness Droopy Eyes Fumbling Gait Ataxia *Note Methaqualone Pulse elevated & Body tremors ETOH & Quaaludes elevate pulse Soma & Quaaludes dilate pupils	Restlessness Body tremors Excited Euphoric Talkative Exaggerated reflexes Anxiety Grinding teeth (bruxism) Redness to nasal area Runny nose Loss of appetite Insomnia Increased alertness Dry mouth Irritability	Dazed appearance Body tremors Synesthesia Hallucinations Paranoia Uncoordinated Nausea Disoriented Difficulty in speech Perspiring Poor perception of time & distance Memory loss Disorientation Flashbacks *Note: LSD piloerection may be observed (goose bumps, hair standing on end)	Perspiring Warm to the touch Blank stare Very early angle of HGN onset Difficulty in speech Incomplete verbal responses Repetitive speech Increased pain threshold Cyclic behavior Confused Agitated Hallucinations Possibly violent and combative Chemical odor "moon walking"	Droopy eyelids – (Ptosis) "On the nod" Drowsiness Depressed reflexes Low, raspy, slow speech Dry mouth Facial itching Euphoria Fresh puncture marks Nausea Track marks *Note Tolerant users exhibit relatively little psychomotor impairment (Hippus-rhythmic pulsating of pupils as they dilate and constrict within fixed limits)	Residue of substance around nose and mouth. Odor of substance Possible nausea Slurred speech Disorientation Confusion Bloodshot, watery eyes Lack of muscle control Flushed face Non-communicative Intense headaches **Note: Anesthetic gases cause below normal blood pressure; Volatile Solvents and aerosols cause above normal blood pressure	Marked reddening of conjunctiva Odor of marijuana Marijuana debris in mouth Body tremors Eyelid tremors Relaxed inhibitions Increased appetite Impaired perception of time & distance Disorientation Possible paranoia (Rebound dilation – pupils pulsate in size, growing steadily larger on expansion pulsation 2mm or larger)
Duration of Effects	Barbiturates: 1-16 hours Tranquilizers: 4-8 hours Methaqualone: 4-8 hours	Cocaine: 5-90 minutes Amphetamines: 4-8 hours Methamphetamine: 12 hours	Duration varies widely from one hallucinogen to another	Onset: 1-5 minutes Peak effects: 15-30 minutes Exhibits effects up to 4-6 hours	Heroin: 4-6 hours Methadone: Up to 24 hours Others: vary	6-8 hours for most volatile solvents Anesthetic gases and aerosols very short duration	2-3 hours exhibits effects (Impairment may last up to 24 hours without awareness of effect)
Usual methods of Administration	Oral Injected occasionally	Insufflation (snorting) Smoked Injected Oral	Oral Insufflation Smoked Injected Transdermal	Smoked Oral Insufflation Injected Eye drops	Injected Oral Smoked Insufflated	Insufflated (historically have been taken orally)	Smoked Oral
Overdose Signs	Shallow breathing Cold, clammy skin Pupils dilated Rapid weak pulse Coma	Agitation Increased body temperature Hallucinations Convulsions	Long intense trip	Long intense trip	Slow shallow breathing Clammy skin Coma Convulsions	Coma	Fatigue Paranoia

Footnote: These indicators are the most consistent with the category. Keep in mind that there may be variations due to individual reaction, dose taken and drug interactions.

1. Soma, Quaaludes usually dilate pupils
2. Quaaludes & ETOH may elevate
3. Certain psychedelic amphetamines may cause slowing
4. Normal but may be dilated
5. Down with anesthetic gases, but up with volatile solvents and aerosols
6. Pupil size possibly normal

Normal ranges

Pulse: 60-90 beats per minute

Pupil size: 2.5 – 5.0 (Room Light); 5.0 – 8.5 (Near Total Darkness); 2.0 – 4.5 (Direct Light)

Blood pressure: 120-140 Systolic; 70-90 Diastolic

Body temperature: 98.6 +/- 1.0 degree