

	<b>CNS Depressants</b>	<b>CNS Stimulants</b>	<b>Hallucinogens</b>	<b>Dissociative Anesthetics</b>	<b>Narcotic Analgesics</b>	<b>Inhalants</b>	<b>Cannabis</b>
<b>HGN</b>	Present	None	None	Present	None	Present	None
<b>Vertical Nystagmus</b>	Present <i>(High dose for that individual)</i>	None	None	Present	None	Present	None
<b>Lack of Convergence</b>	Present	None	None	Present	None	Present <i>(High dose for that individual)</i>	Present
<b>Pupil Size</b>	Normal (1)	Dilated	Dilated	Normal	Constricted	Normal (4)	Dilated (6)
<b>Reaction to Light</b>	Slow	Slow	Normal (3)	Normal	Little or none visible	Slow	Normal
<b>Pulse Rate</b>	Down (2)	Up	Up	Up	Down	Up	Up
<b>Blood Pressure</b>	Down	Up	Up	Up	Down	Up/Down (5)	Up
<b>Body Temperature</b>	Normal	Up	Up	Up	Down	Up/Down/Normal	Normal
<b>Muscle Tone</b>	Flaccid	Rigid	Rigid	Rigid	Flaccid	Normal/Flaccid	Normal
<b>General Indicators</b>	Uncoordinated Disoriented Slow, sluggish reactions Thick, slurred speech Drunk-like behavior Gait ataxia Drowsiness Droopy eyelids Fumbling	Restlessness Body tremors Excited Euphoric Talkative Exaggerated reflexes Anxiety Bruxism Redness to nasal area Runny nose Loss of appetite Insomnia Increased alertness Dry mouth Irritability Eyelid tremors	Dazed appearance Body tremors Synesthesia Hallucinations Paranoia Uncoordinated Nausea Disoriented Difficulty in speech Perspiring Memory loss Disorientation Flashbacks Poor perception of time and distance  NOTE: Piloerection may be observed with LSD.	Perspiring (PCP) Warm to the touch Blank stare Slow, slurred speech Incomplete verbal responses Repetitive speech Increased pain threshold Cyclic behavior (PCP) Confused and agitated Possibly violent and combative (PCP) Chemical odor (PCP) "Moon Walking" (PCP) Early HGN onset Hallucinations Sensory distortions	Ptosis "On the nod" Drowsiness Depressed reflexes Low, raspy, slow speech Dry mouth Facial itching Euphoria Fresh puncture marks Nausea Slowed breathing  NOTE: Tolerant users exhibit relatively little psychomotor impairment.	Odor of substance Possible nausea Slurred speech Disorientation Confusion Bloodshot, watery eyes Lack of muscle control Flushed face Non-communicative Intense headaches Residue of substance around nose and mouth	Marked reddening of conjunctiva Odor of marijuana Body tremors Eyelid tremors Relaxed inhibitions Increased appetite Impaired perception of time & distance Possible paranoia Debris in mouth Disorientation
<b>Duration of Effects</b>	Barbiturates: 1-16 hrs. Tranquilizers: 4-8 hrs. Methaqualone: 4-8 hrs.	Cocaine: 5-90 min. Amphetamine: 4-8 hrs. Methamphetamine: 12 hrs.	LSD: 4-6 hrs. Psilocybin: 2-3 hrs.  Duration varies widely from one hallucinogen to another.	<u>PCP</u> Peak effects: 15-30 min. Exhibit effects: Up to 4-6 hrs. <u>DXM</u> Onset: 15-30 min. Effects: 3-6 hrs.	Heroin: 4-6 hrs. Methadone: Up to 24 hrs. Other: Vary	6 - 8 hours for most volatile solvents  Anesthetic gases and aerosols - very short duration (i.e. 5 min.)	2-3 hours - exhibits effects  Impairment may last up to 24 hrs. without awareness of effects.
<b>Methods of Administration</b>	Injected Oral	Insufflated Smoked Injected Oral	Smoked Oral Insufflated Injected Transdermal	Smoked (PCP) Oral Insufflated (PCP) Injected (PCP) Eye drops	Smoked Oral Insufflated Injected	Insufflated	Smoked Oral
<b>Overdose Signs</b>	Shallow breathing Cold, clammy skin Pupils dilated Rapid, weak pulse Coma	Agitation Increased body temp. Hallucinations Convulsions	Long, intense "trip"	Long, intense "trip"	Slow, shallow breathing Clammy skin Coma Convulsions	Coma	Fatigue Paranoia

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

#### Definitions

Bruxism – Grinding teeth  
 Insufflated – Snorted  
 Piloerection – goose bumps, hair standing on end  
 Ptosis – Droopy eyelids

#### Normal Ranges

Blood Pressure:  
 Systolic: 120 - 140  
 Diastolic: 70 - 90  
 Pulse Rate: 60 - 90  
 Body Temp: 98.6 F +/- 1 degree  
 Pupil Size: 3.0 - 6.5  
 Reaction to Light: Within 1 second