

INDICATORS CONSISTENT WITH DRUG CATEGORIES

| | CNS DEPRESSANTS | CNS STIMULANTS | HALLUCINOGENS | DISSOCIATIVE ANESTHETICS | NARCOTIC ANALGESICS | INHALANTS | CANNABIS |
|---------------------|---------------------|----------------|---------------|--------------------------|------------------------|---------------------|-------------|
| HGN | PRESENT | NONE | NONE | PRESENT | NONE | PRESENT | NONE |
| VGN | PRESENT (HIGH DOSE) | NONE | NONE | PRESENT | NONE | PRESENT (HIGH DOSE) | 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 | FLACCID | NORMAL OR FLACCID | NORMAL |

FOOTNOTE: These indicators are those 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 and possibly 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.

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| | Possible Effects | CNS Depressants | CNS Stimulants | Hallucinogens | Dissociative Anesthetics | Narcotic Analgesics | Inhalants | Cannabis |
|----------------------------|---|----------------------------|-----------------------|----------------------|---------------------------------|-------------------------------|----------------------------|--------------------|
| HGN | Present or None | Present | None | None | Present | None | Present | None |
| VGN | Present or None | Present (High Dose) | None | None | Present | None | Present (High Dose) | None |
| Lack of Convergence | Present or None | Present | None | None | Present | None | Present | Present |
| Pupil Size | Normal Dilated Constricted | Normal (1) | Dilated | Dilated | Normal | Constricted | Normal (4) | Dilated (6) |
| Reaction to Light | Normal Slow Little to None Visible | Slow | Slow | Normal (3) | Normal | Little to None Visible | Slow | Normal |
| Pulse Rate | Normal Up Down | Down (2) | Up | Up | Up | Down | Up | Up |
| Blood Pressure | Normal Up Down | Down | Up | Up | Up | Down | Up/Down (5) | Up |
| Body Temperature | Normal Up Down | Normal | Up | Up | Up | Down | Up/Down/Normal | Normal |
| Muscle Tone | Normal Flaccid Rigid | Flaccid | Rigid | Rigid | Rigid | Flaccid | Normal or Flaccid | Normal |

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| MAJOR INDICATORS | CNS DEPRESSANTS | CNS STIMULANTS | HALLUCINOGENS | DISSOCIATIVE ANESTHETICS | NARCOTIC ANALGESICS | INHALANTS | CANNABIS |
|--|--|--|--|---|---|--|--|
| GENERAL INDICATORS | Disoriented Droopy eyes (Ptosis) Drowsiness Drunk-like behavior Gait ataxia Slow, sluggish reactions Thick, slurred speech Uncoordinated *NOTE: With Methaqualone, pulse will be elevated and body tremors will be evident. Alcohol and Quaaludes elevate pulse. Soma and Quaaludes dilate pupils. | Anxiety Body tremors Dry mouth Euphoria Exaggerated reflexes Excited Eyelid tremors Grinding teeth (Bruxism) Increased alertness Insomnia Irritability Redness to nasal area Restlessness Runny nose Talkative | Body tremors Dazed appearance Difficulty w/speech Disoriented Flashbacks Hallucinations Memory loss Nausea Paranoia Perspiring Poor perception of time and distance Synesthesia Uncoordinated NOTE: With LSD, piloerection may be observed (goose bumps, hair standing on end). | Blank stare Confused Chemical odor Cyclic behavior Difficulty w/speech Disoriented Early HGN Onset Hallucinations Incomplete verbal responses Increased pain threshold "Moon Walking" Muscle rigidity Non-communicative Perspiring Possibly violent Sensory distortions Slow, slurred speech Warm to touch | Constricted pupils Depressed reflexes Drowsiness Droopy eyelids (Ptosis) Dry mouth Euphoria Facial itching Nausea "On the Nod" Puncture marks Slow, low, raspy speech Slowed breathing NOTE: Tolerant users exhibit relatively little psychomotor impairment. | Bloodshot, watery eyes Confusion Disoriented Flushed face Intense headaches Lack of muscle control Non-communicative Odor of substance Possible nausea Residue of substance Slow, thick, slurred speech **NOTE: Anesthetic gases cause below normal blood pressure; volatile solvents and aerosols cause above normal blood pressure. | Body tremors Disoriented Debris in mouth Eyelid tremors Impaired perception of time & distance Increased appetite Marked reddening of conjunctiva Odor of Marijuana Possible paranoia Relaxed inhibitions |
| DURATION OF EFFECTS | Barbiturates: 1-16 hours Tranquilizers: 4-8 hours Methaqualone: 4-8 hours | Cocaine: 5-90 minutes Amphetamines: 4-8 hours Meth: 12 hours | Duration varies widely from one hallucinogen to another. LSD: 4-6 hours Psilocybin: 2-3 hours | PCP Onset: 1-5 minutes Peak Effects: 15-30 minutes Exhibits effects up to 4-6 hours DXM: Onset 15-30 min. Effects 3-6 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 – exhibit effects (Impairment may last up to 24 hours, without awareness effects.) |
| USUAL METHODS OF ADMINISTRATION | Oral Injected (occasionally) | Insufflation (snorting) Smoked Injected Oral | Oral Insufflation Smoked Injected Transdermal | Smoked (PCP) Oral Insufflation (PCP) Injected (PCP) Eye drops | Injected Oral Smoked Insufflation | Insufflation (Historically, have been taken orally.) | Smoked Oral |
| OVERDOSE SIGNS | Shallow breathing Cold, clammy skin Pupils dilated Rapid, weak pulse Coma Shallow breathing | Agitation Increased body temperature Hallucinations Convulsions | Long intense "trip" | Long intense "trip" | Slow, shallow breathing Clammy skin Coma Convulsions | Coma | Fatigue Paranoia |