

| MAJOR INDICATORS                | CNS DEPRESSANTS   | CNS STIMULANTS   | HALLUCINOGENS  | PHENCYCLIDINE   | NARCOTIC ANALGESIC  | INHALANTS  | CANNIBIS  |
|---------------------------------|---|--|--|---|---|--|---|
| 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<br>DISORIENTED<br>SLUGGISH<br>THICK SLURRED<br>SPEECH<br>DRUNK-LIKE<br>BEHAVIOR<br>DROWSINESS<br>DROOPY EYES<br>FUMBLING<br>GAIT ATAXIA<br><br>*NOTE<br>METHA-QUALONE<br>PULSE ELEVATED<br>& BODY TREMORS<br><br>ETOH &<br>QUAALUDES<br>ELEVATE PULSE<br><br>SOMA &<br>QUAALUDES<br>DILATE PUPILS | RESTLESSNESS<br>BODY TREMOR<br>EXCITED<br>EUPHORIC<br>TALKATIVE<br>EXAGGERATED<br>REFLEXES<br>ANXIETY<br>GRINDING TEETH<br>(BRUXISM)<br>REDNESS TO NASAL<br>AREA<br>RUNNY NOSE<br>LOSS OF<br>APPETITE<br>INSOMNIA<br>INCREASED<br>ALERTNESS<br>DRY MOUTH<br>IRRITABILITY | DAZED<br>APPEARANCE<br>BODY TREMORS<br>SYNESTHESIA<br>HALLUCINATIONS<br>PARANOIA<br>UNCOORDINATED<br>NAUSEA<br>DISORIENTED<br>DIFFICULTY IN<br>SPEECH<br>PERSPIRING<br>POOR PERCEPTION<br>OF TIME &<br>DISTANCE<br>MEMORY LOSS<br>DISORIENTATION<br>FLASHBACKS<br><br>*NOTE: LSD,<br>PILORECTION MAY<br>BE OBSERVED<br>(GOOSE BUMPS,<br>HAIR STANDING ON<br>END) | PERSPIRING<br>WARM TO TOUCH<br>BLANK STARE<br>VERY EARLY<br>ANGLE OF HGN<br>ONSET<br>DIFFICULTY IN<br>SPEECH<br>INCOMPLETE<br>VERBAL<br>RESPONSES<br>REPETITIVE<br>SPEECH<br>INCREASED PAIN<br>THRESHOLD<br>CYCLIC BEHAVIOR<br>CONFUSED<br>AGITATED<br>HALLUCINATIONS<br>POSSIBLY VIOLENT<br>& COMBATIVE<br>CHEMICAL ODOR<br>*MOON WALKING* | DROOPY<br>EYELIDS-(PTOSIS)<br>*ON THE NOD*<br>DROWSINESS<br>DEPRESSED<br>REFLEXES<br>LOW, RASPY,<br>SLOW SPEECH<br>DRY MOUTH<br>FACIAL ITCHING<br>EUPHORIA<br>FRESH<br>PUNCTURE<br>MARKS<br>NAUSEA<br>TRACK MARKS<br><br>*NOTE : TOLERANT<br>USERS EXHIBIT<br>RELATIVELY<br>LITTLE<br>PSYCHOMOTOR<br>IMPAIRMENT<br>(HIPPIUS-<br>RHYTHMIC<br>PULSATING OF<br>PUPILS AS THEY<br>DILATE AND<br>CONTRACT) | RESIDUE OF<br>SUBSTANCE<br>AROUND NOSE &<br>MOUTH<br>ODOR OF<br>SUBSTANCE<br>POSSIBLE NAUSEA<br>SLURRED SPEECH<br>DISORIENTATION<br>CONFUSION<br>BLOODSHOT,<br>WATERY EYES<br>LACK OF MUSCLE<br>CONTROL<br>FLUSHED FACE<br>NON-<br>COMMUNICATIVE<br>INTENSE<br>HEADACHES<br>*NOTE *:<br>ANESTHETIC<br>GASES CAUSE<br>BELOW NORMAL<br>BLOOD PRESSURE;<br>VOLATILE<br>SOLVENTS AND<br>AEROSOLS CAUSE<br>ABOVE NORMAL<br>BLOOD PRESSURE | MARKED<br>REDDENING OF<br>CONJUNCTIVA<br>ODOR OF<br>MARIJUANA<br>MARIJUANA<br>DEBRIS IN MOUTH<br>BODY TREMORS<br>EYELID TREMORS<br>RELAXED<br>INHIBITIONS<br>INCREASED<br>APPETITE<br>IMPAIRED<br>PERCEPTION OF<br>TIME & DISTANCE<br>DISORIENTATION<br>POSSIBLE<br>PARANOIA<br>(REBOUND –<br>PUPILS PULSATE IN<br>SIZE, GROWING<br>LARGER ON<br>EXPANSION<br>PULSATIONS) |
| DURATIONS OF EFFECTS            | BARBITURATES:<br>1-16 HOURS<br>TRANQUILIZERS:<br>4-8 HOURS<br>METHAQUA-LONE<br>4-8 HOURS  | COCAINE: 5-90<br>MINUTES<br>AMPHETAMINES: 4-8<br>HOURS<br>METHAMPHETAMINE<br>12 HOURS  | DURATIONS VARIES<br>WIDELY FROM ONE<br>HALLUCINOGEN TO<br>ANOTHER  | ONSET: 1-5<br>MINUTES<br>PEAK EFFECTS: 15-<br>30 MINUTES<br>EXHIBITS EFFECTS<br>UP TO 4-6 HOURS   | HEROIN: 4-6<br>HOURS<br>METHADONE UP<br>TO 24 HOURS<br>OTHERS: VARY   | 6-8 HOURS FOR<br>MOST VOLATILE<br>SOLVENTS –<br>ANESTHETIC<br>GASES AND<br>AEROSOLS VERY<br>SHORT DURATION   | 2-3 HOURS<br>EXHIBITS EFFECTS<br>– (IMPAIRMENT<br>MAY LAST UP TO 24<br>HOURS WITHOUT<br>AWARENESS OF<br>EFFECT)   |
| USUAL METHODS OF ADMINISTRATION | ORAL INJECTED –<br>OCCASIONALLY   | INSUFFLATION<br>(SNORTING) SMOKED<br>INJECTED<br>ORAL  | ORAL<br>INSUFFLATION<br>SMOKED<br>INJECTED<br>TRANSDERMAL  | SMOKED<br>ORAL<br>INSUFFLATION<br>INJECTED<br>EYE DROPS   | INJECTED<br>ORAL<br>SMOKED<br>INSUFFLEATED  | INSUFFLATED<br>(HISTORICALLY,<br>HAVE BEEN TAKEN<br>ORALLY)  | SMOKED<br>ORAL  |
| OVERDOSE SIGNS                  | SHALLOW<br>BREATHING<br>COLD CLAMMY<br>SKIN, PUPILS<br>DILATED, RAPID<br>WEAK PULSE<br>COMA   | AGITATION<br>INCREASED BODY<br>TEMP<br>HALLUCINATIONS<br>CONVULSIONS   | LONG INTENSE TRIP  | LONG INTENSE<br>TRIP  | SLOW SHALLOW<br>BREATHING SKIN,<br>COMA<br>CONVULSIONS  | COMA   | FATIGUE<br>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.

**NORMAL RANGES**

1. SOMA QUALUDES USUALLY DILATE PUPILS
2. QAALUDES AND ETOH MAY ELEVATE
3. CERTAIN PSYCHADELIC AMPHETAMINES 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

PULSE: 60-90 BEATS PER MINUTE  
PUPIL SIZE:  
ROOM LIGHTING: 2.5MM – 5.0MM  
NEAR TOTAL DARKNESS: 5.0MM – 8.5MM  
DIRECT LIGHT: 2.0MM-4.5MM  
BLOOD PRESSURE: 120-140 SYSTOLIC  
70-90 DIASTOLIC  
BODY TEMPERATURE: 98.6 +/- 1.0 DEGREE