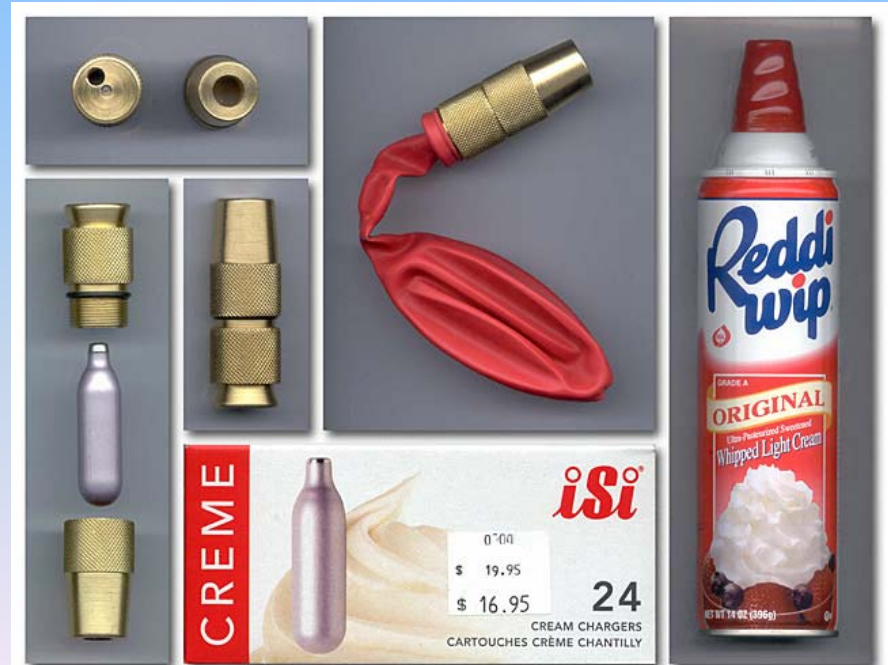


# Inhalants



Nitrous Oxide Hardware  
Photo by Erowid, © 2002 Erowid.org



# Inhalants

- ❖ **Sometimes called “Deliriants” because they produce a brief state of delirium**
  - **Incoherent excitement**
  - **Confused speech**
  - **Restlessness**
  - **Possible hallucinations**
- ❖ **CNS Stimulants, CNS Depressants or Hallucinogens**
- ❖ **Difluoroethane**

# **Types of Inhalants**

**❖ Volatile Solvents**

**❖ Anesthetic Gasses**

**❖ Aerosols**

# Volatle Solvents

## ❖ Evaporate easily to produce fumes

- Plastic cement
- Fingernail polish remover
- Petroleum products
- Paints
- Liquid correction fluid



# Anesthetic Gases

## ❖ Drugs that abolish pain

- Amyl Nitrate
- Butyl Nitrate
- Ether
- Isobutyl Nitrate
- Nitrous Oxide



## ❖ Vasodilation



# Aerosols

## ❖ Hydrocarbon gas that produces drug effects

- Hair spray
- Frying pan lubricants
- Deodorants
- Computer duster
- Insecticides

## ❖ Rag or bag



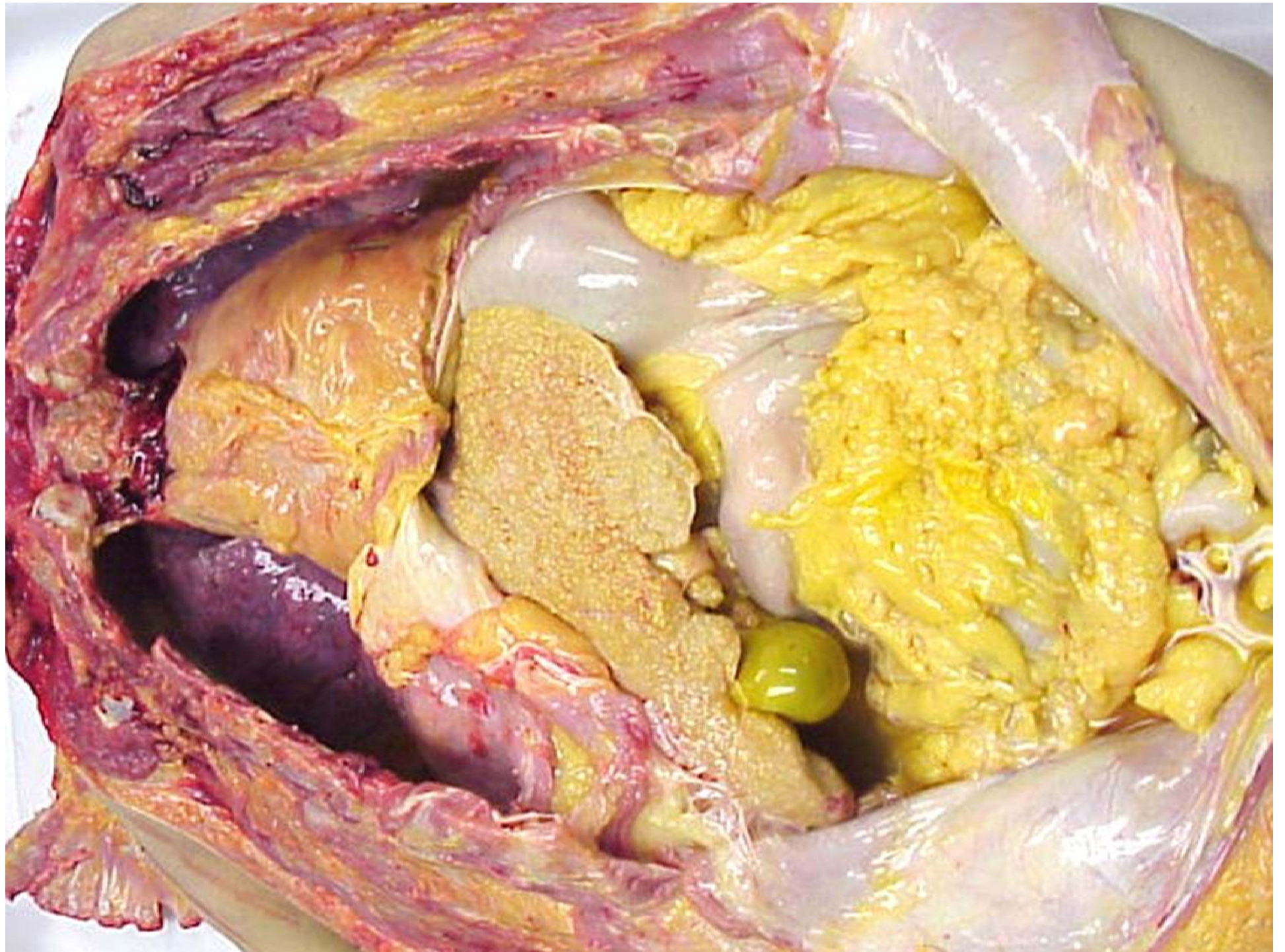
# Methods of Ingestion



**Insufflation**







# General Indicators

- ❖ Antagonistic
- ❖ Bizarre thoughts
- ❖ Confusion
- ❖ Distorted perceptions
- ❖ Dizziness
- ❖ Drowsiness
- ❖ Euphoria
- ❖ Floating sensations
- ❖ Hallucinations
- ❖ Inebriation
- ❖ Intense headaches
- ❖ Nausea
- ❖ Salivation

# Onset and Duration

## ❖ Onset:

- Immediate



## ❖ Duration:

- Volatile Solvents
  - 6 - 8 hours
- Aerosols
  - Several hours
- Anesthetic Gases
  - Few seconds - 20 min

# Overdose Signs

- ❖ **Coma**
- ❖ **Depressed respiration**
- ❖ **Nausea**
- ❖ **Sudden sniffling death**
- ❖ **Vomiting**

# Drug Matrix Chart

<b>HGN</b>	<b>Present</b>
<b>VGN</b>	<b>Present (High Dose)</b>
<b>LACK OF CONVERGENCE</b>	<b>Present</b>
<b>PUPIL SIZE</b>	<b>Normal *</b>
<b>REACTION TO LIGHT</b>	<b>Slow</b>
<b>PULSE RATE</b>	<b>Up</b>
<b>BLOOD PRESSURE</b>	<b>Up or Down **</b>
<b>BODY TEMPERATURE</b>	<b>Up, Down or Normal</b>
<b>MUSCLE TONE</b>	<b>Normal or Flaccid</b>

**\* May be dilated**

**\*\* Down with anesthetic gases, up with volatile solvents and aerosols**