

# ***Poison (Part -2)***



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# Poison



## **Poisoning Causes:**

- Cleaning products
- Household products, such as nail polish remover and other personal care products
- Pesticides

# Poison



## **Poisoning causes(contd...):**

- Metals, such as lead ,Mercury, which can be found in old thermometers and batteries
- Prescription and over-the-counter drugs when combined or taken the wrong way
- Contaminated food

# Poison



## *Poisoning causes(contd...):*

- Plants, such as poison ivy and poison oak
- Venom from certain snakes
- Substances that may act as poisons

# Poison



## *Poisoning causes(contd...)*

### **Chemicals**

- Household e.g. bleach, kerosene
- Industrial e.g. methanol, ethylene glycol, cyanide, arsenic
- Pesticides e.g. organophosphates, organochlorines (e.g. DDT), rat poison Therapeutic drug overdose e.g. paracetamol, aspirin, iron tablets, nifedipine, phenobarbitone

# Poison



## ***Poisoning causes(contd...)***

### ***Toxic plants***

e.g. poisonous mushrooms, toxic herbal preparations

### ***Bites and stings of venomous animals***

e.g. snakes, scorpions, bees, spiders, aquatic animals

# Poison



## **Symptoms:**

- Vomiting
- Diarrhoea
- Upper abdominal pain
- Jaundice
- Difficulty breathing

# Poison



## ***Symptoms*** (Contd...)

- Palpitations
- Skin rashes
- Scanty urine
- Tongue discolouration
- Unusual fetor (smell on breath)



# Poison



## ***Symptoms(contd...)***

- Changes in breathing rate or regularity
- Changes in pulse rate or regularity
- Skin lesions
- Abdominal tenderness
- Changes in pupil size (small or enlarged)
- Seizures

# Poison



## *Classification of Poisons according to motive or nature of use*

1. **Homicidal:** Arsenic, Aconite, Digitalis, Abrus Precatorius, Strychnos nux vomica.
2. **Suicidal:** Opium, Barbiturate, Organophosphorus, carbolic acid, copper sulphate.
3. **Accidental:** Aspirin, organophosphorus, copper sulphate, snakes bite, Ergot, CO, CO<sub>2</sub>, H<sub>2</sub>S.
4. **Abortifacient:** Ergot, Quinine, Calotropis,.
5. **Stupefying agent:** Dhatura, cannabis, chloral hydrate.

# Poison



## Symptoms of **Aspirin overdose**

Restlessness  
Irritability  
Excessive and  
unorganized talking  
Fear or nervousness  
Dizziness  
Confusion  
Abnormally  
excited mood  
Hallucinations  
Drowsiness  
Loss of  
consciousness

Systemic :  
Fever

Double vision

Uncontrollable  
shaking  
Seizures

Burning  
throat pain

Vomiting  
Pain

Decreased  
urination



# *Thank You*

