



METABOLIC

AGENTS

Carbon Monoxide
Cyanogen Chloride
Hydrogen Cyanide
Hydrogen Sulfide
Sodium Monofluoroacetate

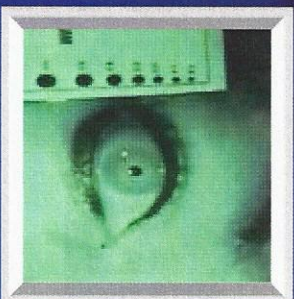
Hydrogen Cyanide

Symptoms include

- Vertigo
- Tachycardia
- Tachypnea
- Cyanosis
- Flu-like symptoms
- Non-specific neurological symptoms

Indicative tests

- Cyanide in blood
- Increased ion gap
- Metabolic acidosis
- Narrow pO_2 difference between arterial and venous samples



NERVE

AGENTS

Sarin (GB)
Soman (GD)
Tabun (GA)
VX
Organophosphate and some Carbamate Pesticides

Sarin

Symptoms include

- Diarrhea, diaphoresis
- Urination
- Miosis
- Bradycardia, bronchospasm, bronchorrhea
- Emesis
- Lachrimation
- Salivation

Indicative tests

- Sarin metabolite in urine
- Decreased cholinesterase
- Increased ion gap
- Metabolic acidosis



BLISTER

AGENTS

Sulfur Mustard
Nitrogen Mustard
Phosgene Oxime
Lewisites, Ethyl and Methylchloroarsine

Sulfur Mustard

Symptoms include

- Itching
- Erythema
- Yellowish blisters
- Flu-like symptoms
- Delayed eye irritation

Indicative tests

- Thiodiglycol or SBMT present in urine



CHOKING

AGENTS

Phosgene
Diphosgene
Ammonia
Fluorine, Chlorine, Bromine and associated acid fumes

Phosgene

Symptoms include

- Upper respiratory tract irritation
- Rhinitis
- Coughing
- Choking
- Delayed pulmonary edema

Indicative tests

- Decreased pO_2
- Decreased pCO_2



METALLIC

AGENTS

Compounds containing Antimony, Arsenic, Barium, Beryllium, Cadmium, Lead, Mercury, Thallium and other toxic metals

Mercury Compounds

Symptoms include

- Cough
- Metallic taste
- CNS effects
- Shortness of breath
- Flu-like symptoms
- Visual disturbances

Indicative tests

- Proteinuria
- Blood mercury
- Urine mercury

CHEMICAL TERRORISM

PRODUCED BY THE NEW MEXICO SCIENTIFIC LABORATORY DIVISION 2012



NEW MEXICO
DEPARTMENT OF HEALTH
www.health.state.nm.us



SCIENTIFIC LABORATORY DIVISION
www.sld.state.nm.us



Call Poison Control 24/7 for treatment information:
1-800-222-1222

NM State Emergency Operations Center: 505-476-9635

Call the NM Scientific Laboratory Division Chemical Terrorism Analytic Response Section for the appropriate specimen collection, packaging & shipping information at 505-383-9027

AFTER HOURS CALL THE NM EPIDEMIOLOGY & RESPONSE DIVISION AT 505-827-0006

Local Public Health Office:

