<table>
<thead>
<tr>
<th>AGENTS</th>
<th>BLOOD</th>
<th>METAL</th>
<th>NERVE</th>
<th>BLISTER</th>
<th>PULMONARY</th>
<th>BIOTOXINS</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Carbon Monoxide (CO)</td>
<td>• Arsenic</td>
<td>• Sarin (GB)</td>
<td>• Sulfur Mustard (HD)</td>
<td>• Ammonia</td>
<td>• Sarin (GB)</td>
<td></td>
</tr>
<tr>
<td>• Hydrogen Cyanide (HCN)</td>
<td>• Lead</td>
<td>• Soman (GD)</td>
<td>• Nitrogen Mustard</td>
<td>• Chlorine</td>
<td>• Soman (GD)</td>
<td></td>
</tr>
<tr>
<td>• Hydrogen Sulfide</td>
<td>• Cadmium</td>
<td>• Tabun (GA)</td>
<td>• Lewisite (L)</td>
<td>• Phosgene</td>
<td>• Tabun (GA)</td>
<td></td>
</tr>
<tr>
<td>• Cyanogen Chloride</td>
<td>• Thallium</td>
<td>• VX</td>
<td>• VX</td>
<td>• Diphosgene</td>
<td>• VX</td>
<td></td>
</tr>
</tbody>
</table>

**SYMPTOMS INCLUDE:**
- Tachycardia
- Tachypnea
- Coma
- Seizures

**SYMPTOMS INCLUDE:**
- Neurologic Symptoms
- Renal Dysfunction
- Metallic Taste

**SYMPTOMS INCLUDE:**
- Salivation
- Lacrimation (tears)
- Muscle Weakness
- Diarrhea
- Dyspnea
- Vomiting
- Miosis (pupil constriction)
- Seizures

**SYMPTOMS INCLUDE:**
- Erythema (rash)
- Burns
- Blisters
- Bone Marrow Suppression

**SYMPTOMS INCLUDE:**
- Upper Respiratory Irritation
- Cough
- Dyspnea
- Delayed Pulmonary Edema

**SYMPTOMS INCLUDE:**
- Shock (ricin, abrin)
- Organ Failure (ricin, abrin)
- Paralysis (botulinum)

**INDICATIVE LAB TESTS**
- Lactic Acid (HCN)
- Acid Base Assessment
- Narrow pO$_2$ difference between venous & arterial samples
- Carboxyhemoglobin (COHb)

**INDICATIVE LAB TESTS**
- Renal Assessment
- Proteinuria
- Blood/Urine Metal Levels

**INDICATIVE LAB TESTS**
- Decreased Cholinesterases
- Increased Anion Gap
- Metabolic Acidosis

**INDICATIVE LAB TESTS**
- Hematological Assessment (delayed reaction)
- Renal Assessment
- Proteinuria

**INDICATIVE LAB TESTS**
- Urine Abrine, Ricinine
- Serum Botulinum Toxin Level

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**Nebraska Public Health Laboratory**
for specimen collection, packaging and shipping information
*(402) 559-3590*
or After Regular Hours Pager (402) 888-5588

**Nebraska Regional Poison Control Center**
for symptoms & treatment of chemical agent exposures
*(800) 222-1222*