**Toxidrome**

**Anticholinergic**

**Affected Areas**
- Central Nervous System (CNS)
- Autonomic nervous system (parasympathetic portion)

**Immediate Symptoms**
- Blurred vision
- Coma
- Decreased
- Delirium
- Dry
- Fever
- Flushing
- Hallucinations
- Ileus
- Memory loss
- Mydriasis
- Myoclonus
- Psychosis
- Seizures

**Ongoing Symptoms**

**Initial**
- Peripheral parasympathetic signs and symptoms ("blind as a bat, . . .")

**Then**
- Confusion, with hallucinations and agitated delirium

**Eventually**
- Stupor and coma

**Finally**
- Recovery of consciousness with paranoia

**Examples**
- **Chemical Warfare Agents**
  - BZ (3-quinuclidinyl benzilate)*

  *May be weaponized

- **Toxic Industrial Chemicals/Toxic Industrial Materials**
  - BZ (3-quinuclidinyl benzilate)*
  - Other glycolate anticholinergics (tropane alkaloids)
    - Atropine
    - Hyoscyamine
    - Scopolamine

  *May be weaponized

**Sensitive Populations**
- No particularly sensitive populations

**Concerns About This Syndrome**
- Recognition by providers of the characteristic nature of anticholinergic hallucinations and other central nervous system effects; recognition of central nervous system vs. autonomic nervous system (peripheral) signs and symptoms; possible confusion between cholinergic, anticholinergic, and anticholinesterase

**Common Treatment Protocols**
- Physostigmine
- Cooling
- Benzodiazepines
- General Supportive Care

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Not meant to be a complete care guideline. Please refer to the CHEMM website for more information: [https://chemm.hhs.gov/mmghome.htm](https://chemm.hhs.gov/mmghome.htm)