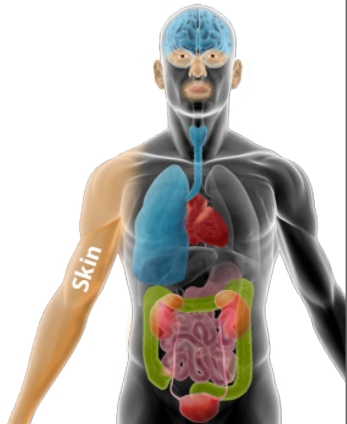


Affected Areas

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

Common Treatment Protocols

Physostigmine

Cooling

Benzodiazepines

General Supportive Care

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