Toxidrome

Knockdown Agent-Simple Asphyxiant

**Affected Areas**
- Central Nervous System
- Cardiac

**Immediate Symptoms**
- Altered state of consciousness
- Progression from fatigue and lightheadedness to coma
- Seizures
- Cardiac signs

**Ongoing Symptoms**
- **Inhalation Exposure**
  - **Mild to moderate:**
    - Flushing of the skin
    - Fatigue
    - Lightheadedness
  - **Severe:**
    - Nausea
    - Anxiety
    - Difficulty breathing
- **Life Threatening:**
  - Convulsions
  - Respiratory distress

**Fatal:**
- Severe convulsions
- Irreversible respiratory distress

**Ingestion Exposure**
- **Mild to moderate:**
  - Vomiting
  - Abdominal pain
  - Fatigue
  - Lightheadedness
- **Severe:**
  - GI irritation
  - Sedation
  - Confusion
  - Mild increased lactate
  - Seizures/convulsions
- **Life Threatening:**
  - Hypertension
  - GI Perforation

**Examples**
- **Chemical Warfare Agents**
  - Cyanide*
- **Toxic Industrial Chemicals/Toxic Industrial Materials**
  - Cyanide*
  - Sodium azide
  - Carbon monoxide
  - Aniline
  - Arsine
  - Nitrogen
  - *May be weaponized

**Sensitive Populations**
- No particularly sensitive populations

**Common Treatment Protocols**
- Supportive care for all agents and to rule out other diagnoses: Oxygen
  - For cyanides: Cyano kits
  - For other agents specific antidotes may be available: Chelators for arsenic

**Sensitive Populations**
- Lactic acidosis apnea
- Coma
- Seizure
- Hematemesis

**Concerns About This Syndrome**
- No special concerns.