



Treatment Protocol

4604

Effective April 1, 2018	Expires March 31, 2019
Approval: Medical Director Reza Vaezazizi, MD	Signed
Approval: REMSA Director Bruce Barton	Signed

Policy:
Toxic Exposure, Inhalation, or Ingestion

Applies To:
PSP, EMT, AEMT, PM, MICN, BHP, EMS System

Enter from the Universal Patient Treatment Protocol
For specific Emergency Stabilization or Patient Management of **Toxic Exposure, Inhalation, or Ingestion**

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Pertinent Findings

Environment <i>Evidence of:</i> Accident Suicide Crime <i>Evidence of:</i> Substance Route Quantity Preserve evidence	History <i>Substance: Chemicals (both liquids and powders), Chlorine, Cyanide, Hydrogen Sulfide, Hydrofluoric Acid, Phosgene</i> <i>Other toxins</i> <i>Route, quantity, and time</i> <i>SAMPLE history</i>	Physical <i>Altered mental status, agitation, seizures</i> <i>Altered respirations, dyspnea, apnea</i> <i>Bradycardia, tachycardia, dysrhythmia</i> <i>Hypotension or hypertension</i> <i>Hypothermia or hyperthermia</i> <i>Sluggish, dilated or pinpoint pupils</i> <i>Skin signs and secretions</i> <i>Abdominal pain, nausea, and vomiting</i>	Differential <i>Alcohol, Epilepsy, Insulin, Overdose, Uremia, Trauma, Infection, Psychosis, Stroke</i> <i>Carbamates</i> <i>Organophosphates</i> <i>Other toxic exposure, inhalation, or ingestion</i>
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Emergency Stabilization or Patient Management

If you are exposed to hazardous materials follow your agency's procedure or, if none:
 Begin self-decontamination and self-treatment
 Don escape hood when appropriate, if equipped
 Escape to a safe location: 300 feet or more upwind, uphill, and upstream
 Identify yourself as a patient

When you encounter possible hazardous materials follow your agency's procedure or, if none:
 Stage in a safe location: 300 feet or more upwind, uphill, and upstream
 Maintain exit routes and deny entry
 Ensure Hazardous Materials Response Team (HMRT) response
 Mount a wind streamer to your vehicle's antenna and monitor wind direction
 Do not enter until the On Scene Incident Commander has deemed it reasonably 'safe to enter'

When decontaminating the patient(s) follow your agency's procedure or, if none and you are trained/equipped:
 Remove and bag patient's clothing, jewelry, etc.
 Brush off dry chemicals and dilute excess liquid chemicals
 Wash patient with mild soap and water
 Rinse and flush with large amounts of water
 Flush contaminated eyes with saline for 15 minutes or until pain and irritation subside
 Cover with warm dry clothing and/or blankets
 Consult container label or any onsite MSDS for decontamination instructions
 Remove label or copy page from MSDS, preserve in sealed plastic bag, and transport

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Emergency Stabilization or Patient Management <i>(continued)</i>				
<p><i>Do not induce vomiting</i></p> <p>Antidote: Consult container label or onsite MSDS for antidote instructions Read and relate decontamination and antidote instructions to the base hospital (BH)</p> <p><i>Do not spread contamination! Never transport a contaminated patient, container, or materials!</i></p>		E M T	A E M T	P M
<p>Albuterol 0.083% HHN or in-line with a ventilatory device; or MDI when equipped For bronchospasm associated with suspected toxic inhalation See the REMSA Calculation Chart for concentration, and patient specific dosage and volume May repeat as clinically indicated</p>			A E M T	P M

Return to Universal Patient Treatment Protocol				
<p><i>For continuing Scene Management, Emergency Stabilization, Patient Disposition, or Patient Management</i></p>	P S P	E M T	A E M T	P M

***** Base Hospital Orders *****				
<p>Initiate, repeat, or modify standing orders within scope of practice As ordered For suspected toxic exposure, inhalation, or ingestion</p> <p>Assist with the administration of physician prescribed, site supplied antidote As ordered For suspected toxic exposure, inhalation, or ingestion</p> <p>Milk or Potable Water PO As ordered For suspected toxic ingestion</p>		E M T	A E M T	P M
<p>Activated Charcoal PO As ordered For suspected toxic ingestion</p>			A E M T	P M
<p>Calcium Chloride 10% As ordered For cardiac dysrhythmias associated with toxic exposure, inhalation, or ingestion</p> <p>Magnesium Sulfate 50% As ordered For cardiac dysrhythmias associated with toxic exposure, inhalation, or ingestion</p>				P M
<p>Assess, clarify, monitor, treat within scope of practice, and determine or change disposition and/or destination As ordered Mode of transport is an operational decision</p>		E M T	A E M T	P M