

EMERGENCY MEDICAL MANAGEMENT OF HAZARDOUS MATERIAL EXPOSURES

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I. Smoke Inhalation

A. Case Presentation

B. Recognition and Danger

1. Hydrogen Chloride (PVC)
2. Phosgene (Carbonyl Chloride)
3. Hydrogen Cyanide
- *4. Carbon Monoxide
5. Others: Acetaldehyde, Formaldehyde, Styrene

C. Action to be Taken

1. Size up
2. Evaluation
3. Set up
4. Coordination with suppression personnel

D. Pathophysiology of Smoke Inhalation

E. Pre-Hospital Assessment

1. History

a. Incident

- What's burning
- Length of exposure
- Open vs. closed environment

b. Patient History

- L.O.C.
- Chief complaint(s): Lacrimation, conjunctival of throat burning, chest tightness, cough; H/A, dizziness, vertigo, nausea → CO inhalation