

San Mateo County Emergency Medical Services

Pediatric Smoke Inhalation Injury

For patients with smoke inhalation

History

- Number and severity of other victims
- Industrial or residential fire
- Duration of inhalation
- Social history - smoking
- Past medical history
- Other trauma
- Odor

Signs and Symptoms

- Facial burns, pain, and/or swelling
- Cherry red skin
- Loss of consciousness
- Hypotension/shock
- Airway compromise/distress could be indicated by hoarseness/wheezing
- Seizure/AMS after industrial or closed space fire consider cyanide poisoning

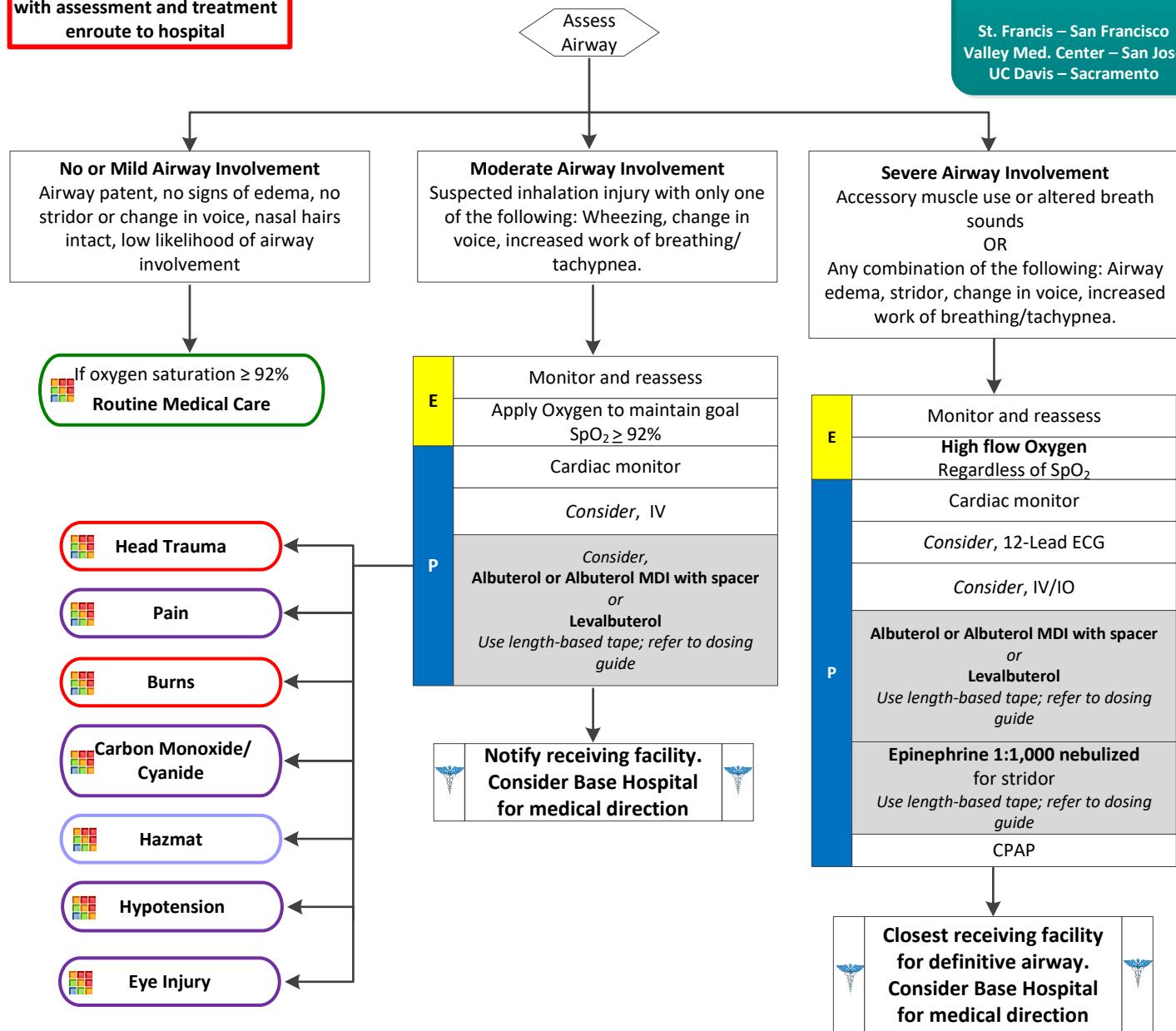
Differential

- Foreign Body Aspiration
- Asthma exacerbation
- Cyanide poisoning
- Carbon monoxide poisoning
- Thermal injury
- Heart failure
- Acute respiratory distress syndrome

Scene safety. Quantify and triage patients. Load and go with assessment and treatment enroute to hospital

Approved Burn Receiving Centers

St. Francis – San Francisco
Valley Med. Center – San Jose
UC Davis – Sacramento



**SAN MATEO COUNTY HEALTH
EMERGENCY
MEDICAL SERVICES**

Treatment Protocol PR07

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Effective April 2025

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Pearls

- Ensure patient is properly decontaminated before placing in ambulance and transport to hospital.
- Contact Hazmat or Poison Control Center with questions about chemical or guidance on immediate treatment.
- If able, obtain the name of chemical(s) patient was exposed to pass information along to receiving hospital staff.
- If able, remove patient's clothing before placing in ambulance and transport to hospital.

