



# EMS System for Metropolitan Oklahoma City and Tulsa 2017 Medical Control Board Treatment Protocols



EMS SECTION

Approved 11/9/16, Effective 2/1/17, replaces all prior versions

## 12B – SMOKE INHALATION ADULT & PEDIATRIC

### TREATMENT PRIORITIES

1. Personal safety
2. Patient safety
3. Vital signs  
(including EtCO<sub>2</sub>, if equipped)
4. Oxygenation support
  - O<sub>2</sub> by NC, NRB
  - BVM, Bi/CPAP, ETT if indicated
5. Ventilation support
  - BVM, Bi/CPAP, ETT if indicated
6. Nebulization therapy
  - Albuterol

### EMD

DIRECT TO MOVE AWAY FROM SMOKE IF SAFE TO DO SO  
OPEN AIRWAY IF NOT ALERT & INEFFECTIVE BREATHING  
IF AWAKE, AVOID PHYSICAL EXERTION  
OR ENVIRONMENTAL STRESS (TEMP EXTREMES).  
ADVISE PT SELF-ADMINISTRATION OF MEDICATIONS  
(eg. ALBUTEROL INHALER)  
IF PREVIOUSLY PRESCRIBED FOR SIMILAR SYMPTOMS

EMERGENCY MEDICAL  
DISPATCHER

EMERGENCY MEDICAL  
RESPONDER

EMT

EMT-INTERMEDIATE 85

ADVANCED EMT

PARAMEDIC

EMR

EMT

MAINTAIN PERSONAL & PATIENT SAFETY  
GENERAL SUPPORTIVE CARE  
OBTAIN VITAL SIGNS  
O<sub>2</sub> VIA NC, NRB, OR BVM AS APPROPRIATE  
APPLY CARDIAC MONITOR (if equipped)  
ASSIST PT WITH PT'S OWN ALBUTEROL INHALER/NEBULIZER (when applicable)  
TREAT PER 12C – CARBON MONOXIDE &/OR 12E – CYANIDE AS APPLICABLE

### EMT OR HIGHER LICENSE:

MEASURE END-TIDAL CO<sub>2</sub> & MONITOR WAVEFORM CAPNOGRAPHY (if equipped)  
ADULT: APPLY Bi/CPAP IF INDICATED (if equipped)

ADULT & PEDIATRIC WEIGHT **≥15 kg**: NEBULIZED ALBUTEROL 5 mg  
PEDIATRIC WEIGHT **<15 kg**: NEBULIZED ALBUTEROL 2.5 mg  
MAY REPEAT ALBUTEROL ENROUTE X 1 AS NEEDED

PLACE SUPRAGLOTTIC AIRWAY IF INDICATED & ONLY IF BVM VENTILATIONS INEFFECTIVE

EMT-185

AEMT

ADULT: INTUBATE IF INDICATED

IV ACCESS

ADULT: IV NS TKO IF SYS BP **≥ 100 mmHg** WITHOUT HYPOTENSIVE SYMPTOMS

ADULT: IV NS 250 mL BOLUS IF SYS BP **<100 mmHg** WITH HYPOTENSIVE SYMPTOMS & NO SIGNS OF PULMONARY EDEMA,

ADULT: REPEAT UP TO 2 LITERS NS IF SYS BP REMAINS **< 100 mmHg** WITH HYPOTENSIVE SYMPTOMS & NO SIGNS OF PULMONARY EDEMA

PEDIATRIC: IV NS TKO IF SYS BP **≥ (70 + 2x age in years) mmHg**

PEDIATRIC: IV NS 20 mL/kg BOLUS IF SYS BP **< (70 + 2x age in years) mmHg** IF NO SIGNS OF PULMONARY EDEMA

PARAMEDIC

ADULT: MEDICATION ASSISTED INTUBATION IF INDICATED  
CONTINUOUS ASSESSMENT & TREATMENT PER APPLICABLE PROTOCOL(S)