



EMS System for Metropolitan Oklahoma City and Tulsa 2024 Medical Control Board Treatment Protocols



EMS SECTION

Approved 11/08/23, Effective 1/15/24, replaces all prior versions

12B – SMOKE INHALATION ADULT & PEDIATRIC

TREATMENT PRIORITIES

1. Personal safety
2. Patient safety
3. Vital signs
(including EtCO₂, if equipped)
4. Oxygenation support
 - > O₂ 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
O₂ 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 CO₂ & MONITOR WAVEFORM CAPNOGRAPHY (if equipped)
ADULT: APPLY Bi/CPAP IF INDICATED (if equipped)

ADULT & PEDIATRIC WEIGHT **≥15 kg**: NEBULIZED ALBUTEROL 5 mg OR LEVALBUTEROL 2.5 mg
PEDIATRIC WEIGHT **<15 kg**: NEBULIZED ALBUTEROL 2.5 mg OR LEVALBUTEROL 1.25 mg
MAY REPEAT ALBUTEROL OR LEVALBUTEROL ENROUTE X 1 AS NEEDED

PLACE SUPRAGLOTTIC AIRWAY IF INDICATED & ONLY IF BVM VENTILATIONS INEFFECTIVE

EMT-I85

AEMT

ADULT: INTUBATE IF INDICATED

IV ACCESS

ADULT: IV NS TKO IF SYS BP \geq 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 \geq (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)