



# EMS System for Metropolitan Oklahoma City and Tulsa 2023 Medical Control Board Treatment Protocols



Draft for Review & Action 5/10/23, Effective 7/1/23, replaces all prior versions

## 3B – DYSPNEA – UNCERTAIN ETIOLOGY ADULT & PEDIATRIC

**TREATMENT PRIORITIES**

- Vital signs (including EtCO<sub>2</sub>, if equipped)
- Oxygenation support
  - > O<sub>2</sub> by NC, NRB
  - > BVM, Bi/CPAP, ETT if indicated
- Ventilation support
  - > BVM, Bi/CPAP, ETT if indicated
- Nebulization therapy
  - > Albuterol

**EMD**

ADVISE TO 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
GENERAL SUPPORTIVE CARE OBTAIN VITAL SIGNS O <sub>2</sub> VIA NC, NRB, OR BVM AS APPROPRIATE APPLY CARDIAC MONITOR (if equipped) <b>ADULT:</b> OBTAIN 12-LEAD ECG & TRANSMIT TO RECEIVING EMERGENCY DEPARTMENT (if equipped) ASSIST PT WITH PT'S OWN ALBUTEROL INHALER/NEBULIZER (when applicable)  <b>EMT OR HIGHER LICENSE:</b> MEASURE END-TIDAL CO <sub>2</sub> & MONITOR WAVEFORM CAPNOGRAPHY (if equipped) <b>ADULT:</b> APPLY Bi/CPAP IF INDICATED (if equipped)  <b>ADULT &amp; PEDIATRIC WEIGHT ≥ 15 kg:</b> NEBULIZED ALBUTEROL 5 mg OR LEVALBUTEROL 2.5 mg <b>PEDIATRIC WEIGHT &lt; 15 kg:</b> 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
<b>ADULT:</b> INTUBATE IF INDICATED PER APPLICABLE PROTOCOLS  IV ACCESS <b>ADULT:</b> IV NS TKO IF SYS BP ≥ 100 mmHg WITHOUT HYPOTENSIVE SYMPTOMS <b>ADULT:</b> IV NS 250 mL BOLUS IF SYS BP < 100 mmHg WITH HYPOTENSIVE SYMPTOMS & NO SIGNS OF PULMONARY EDEMA, <b>ADULT:</b> REPEAT UP TO 2 LITERS NS IF SYS BP REMAINS < 100 mmHg WITH HYPOTENSIVE SYMPTOMS & NO SIGNS OF PULMONARY EDEMA <b>PEDIATRIC:</b> IV NS TKO IF SYS BP ≥ (70 + 2x age in years) mmHg <b>PEDIATRIC:</b> 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 PER PROTOCOL 2G  
CONTINUOUS ASSESSMENT & TREATMENT PER APPLICABLE PROTOCOL(S)