

# EMS System for Metropolitan Oklahoma City and Tulsa 2019 Medical Control Board Treatment Protocols



Approved 9/12/18, Effective 1/15/19, replaces all prior versions

## 12E - CYANIDE **ADULT & PEDIATRIC**

#### TREATMENT PRIORITIES

- 1. Personal safety
- 2. Patient safety
- 3. Cardiac arrest resuscitation (if applicable)
- 4. Oxygenation/Ventilation
- 5. Hydroxocobalamin administration Enclosed space? Soot in mouth/nose? Altered mental status?

#### **EMD**

DIRECT TO MOVE AWAY FROM SUSPECTED SOURCE IF SAFE TO DO SO CPR BY EMD INSTRUCTION (if applicable) IF AWAKE, AVOID PHYSICAL EXERTION OR ENVIRONMENTAL STRESS (TEMP EXTREMES).

### **EMERGENCY MEDICAL DISPATCHER**

**EMERGENCY MEDICAL RESPONDER** 

**EMT** 

**EMT-INTERMEDIATE 85** 

ADVANCED EMT

**PARAMEDIC** 

#### **EMR**

MAINTAIN PERSONAL & PATIENT SAFETY

**EMT** 

RESUSCITATION PER SECTION 4 (CARDIAC ARREST) PROTOCOLS (if applicable) GENERAL SUPPORTIVE CARE **OBTAIN VITAL SIGNS** 

O<sub>2</sub> HIGH LITER PER MINUTE FLOW (15 LPM +) VIA NRB, OR BVM AS APPROPRIATE APPLY CARDIAC MONITOR (if equipped)

#### **EMT OR HIGHER LICENSE:**

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

PLACE SUPRAGLOTTIC AIRWAY IF INDICATED & ONLY IF BVM VENTILATIONS INEFFECTIVE

#### **EMT-185 AEMT**

#### **ADULT:** INTUBATE IF INDICATED

IV/IO ACCESS - START TWO LINES

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

### **AEMT or HIGHER LICENSE:**

FOR HYDROXOCOBALAMIN, USE SEPARATE LINE FROM ALL OTHER MEDICATIONS ADULT: HYDROXOCOBALAMIN 5 grams IVPB IN 15 MINS - ADMINISTER WITHOUT DELAY

PEDIATRIC: HYDROXOCOBALAMIN 70 mg/kg IVPB TO A MAX OF 5 grams IN 15 MINS - ADMINISTER WITHOUT DELAY

#### **PARAMEDIC**

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