

TREATMENT PRIORITIES 1. Warming therapy

resuscitation (when applicable)

Vital signs 3. Modified cardiac arrest

# 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

## 11B - COLD ILLNESS/INJURY **EMERGENCY MEDICAL DISPATCHER ADULT & PEDIATRIC** RESPONDER **EMT EMD EMT-INTERMEDIATE 85** PROTECT FROM COLD **ADVANCED EMT** REMOVE WET CLOTHING WARM WITHOUT RUBBING AFFECTED AREAS DO NOT GIVE ALCOHOL TO DRINK **PARAMEDIC**

**EMT** 

GENERAL SUPPORTIVE CARE
REMOVE FROM COLD ENVIRONMENT REMOVE WET/RESTRICTIVE CLOTHING APPLY HEAT PACKS TO GROIN, NECK, AXILLA COVER PATIENT WITH BLANKETS TO EXTENT CLINICALLY POSSIBLE OBTAIN VITAL SIGNS

O<sub>2</sub> VIA NC, NRB, OR BVM AS APPROPRIATE (WARM & HUMIDIFIED O<sub>2</sub> if equipped) APPLY CARDIAC MONITOR (if equipped)

#### UNRESPONSIVE HYPOTHERMIA PATIENT STATUS?

ASSESS BREATHING/PULSE FOR UP TO 45 SECONDS PERFORM CPR IF IN CARDIOPULMONARY ARREST IF DEFIBRILLATION ADVISED BY AED, LIMIT TO ONE DEFIBRILLATION UNTIL WARMED

### FROSTBITE?

APPLY LOOSE STERILE DRESSINGS AND SPLINT INVOLVED EXTREMITIES

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

MEASURE END – TIDAL CO<sub>2</sub> & MONITOR WAVEFORM CAPNOGRAPHY (if equipped, \*\*Mandatory use if pt intubated) PLACE SUPRAGLOTTIC AIRWAY IF INDICATED & ONLY IF BVM VENTILATIONS INEFFECTIVE

**EMT-185 AEMT** 

ADULT: INTUBATE IF INDICATED

#### IV ACCESS

ADULT: IV NS (WARMED UP TO 43°C (109°F) if available) 500 mL BOLUS IF NO SIGNS OF PULMONARY EDEMA. ADULT: REPEAT UP TO 2 LITERS NS IF PT TEMP <30°C (<86°F), ALTERED MENTAL STATUS, &/OR HYPOTENSION < 100 mmHg PERSISTS IF NO SIGNS OF PULMONARY EDEMA

PEDIATRIC: IV NS 20 mL/kg BOLUS (WARMED AS PER ADULT if available) IF NO SIGNS OF PULMONARY EDEMA **PEDIATRIC:** REPEAT UP TO 60 mL/kg IF PT TEMP <30°C (<86°F), ALTERED MENTAL STATUS, &/OR HYPOTENSION < (70 + 2x age in years) mmHg PERSISTS IF NO SIGNS OF PULMONARY EDEMA

#### **PARAMEDIC**

**ADULT: MEDICATION ASSISTED INTUBATION IF INDICATED** 

## HYPOTHERMIC CARDIAC ARREST?

ADULT/PEDIATRIC: WITH BODY TEMPERATURE <30°C (<86°F) CONTINUE CPR, WITHHOLD MEDICATIONS, LIMIT TO A SINGLE DEFIBRILLATION FOR VENTRICULAR FIBRILLATION/PULSELESS VT

> ADULT/PEDIATRIC: WITH BODY TEMPERATURE ≥30°C (≥86°F) CONTINUE CPR, ADMINISTER DYSRHYTHMIA APPLICABLE MEDICATIONS AT 10 MINUTE INTERVALS AS CORE TEMPERATURE RISES. DEFIBRILLATE PER NORMAL BODY TEMPERATURE INTERVALS

CONTINUE REWARMING MEASURES UNTIL ROSC OR OLMCP AUTHORIZES TERMINATION OF RESUSCITATION

CONTINUOUS ASSESSMENT & TREATMENT PER APPLICABLE PROTOCOL(S)