

# EMS System for Metropolitan Oklahoma City and Tulsa 2025 Medical Control Board Treatment Protocols



Approved 9/04/24, Effective 1/15/25, replaces all prior versions

# 11B - COLD ILLNESS/INJURY ADULT & PEDIATRIC

# TREATMENT PRIORITIES

- 1. Warming therapy
- 2. Vital signs
- Modified cardiac arrest resuscitation (when applicable)

# EMD

PROTECT FROM COLD REMOVE WET CLOTHING WARM WITHOUT RUBBING AFFECTED AREAS DO NOT GIVE ALCOHOL TO DRINK

# EMERGENCY MEDICAL DISPATCHER EMERGENCY MEDICAL RESPONDER EMT EMT-INTERMEDIATE 85 ADVANCED EMT PARAMEDIC

**EMT** 

EMR

GENERAL SUPPORTIVE CARE REMOVE FROM COLD ENVIRONMENT 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  $O_2$  VIA NC, NRB, OR BVM AS APPROPRIATE (WARM & HUMIDIFIED  $O_2$  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)