



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

TREATMENT PRIORITIES
 1. Warming therapy
 2. Vital signs
 3. Modified cardiac arrest resuscitation (when applicable)

11B - COLD ILLNESS/INJURY ADULT & PEDIATRIC

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

EMD

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

EMR	EMT
<p>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 O₂ VIA NC, NRB, OR BVM AS APPROPRIATE (WARM & HUMIDIFIED O₂ if equipped) APPLY CARDIAC MONITOR (if equipped)</p> <p>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</p> <p>FROSTBITE? APPLY LOOSE STERILE DRESSINGS AND SPLINT INVOLVED EXTREMITIES</p> <p>EMT OR HIGHER LICENSE: MEASURE END – TIDAL CO₂ & MONITOR WAVEFORM CAPNOGRAPHY (if equipped, **Mandatory use if pt intubated) PLACE SUPRAGLOTTIC AIRWAY IF INDICATED & ONLY IF BVM VENTILATIONS INEFFECTIVE</p>	

EMT-I85	AEMT
<p>ADULT: INTUBATE IF INDICATED</p> <p>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</p> <p>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</p>	

PARAMEDIC
<p>ADULT: MEDICATION ASSISTED INTUBATION IF INDICATED</p> <p>HYPOTHERMIC CARDIAC ARREST?</p> <p>ADULT/PEDIATRIC: WITH BODY TEMPERATURE <30°C (<86°F) CONTINUE CPR, WITHHOLD MEDICATIONS, LIMIT TO A SINGLE DEFIBRILLATION FOR VENTRICULAR FIBRILLATION/PULSELESS VT</p> <p>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</p> <p>CONTINUE REWARMING MEASURES UNTIL ROSC OR OLMCP AUTHORIZES TERMINATION OF RESUSCITATION</p> <p>CONTINUOUS ASSESSMENT & TREATMENT PER APPLICABLE PROTOCOL(S)</p>