EMS System for Metropolitan Oklahoma City and Tulsa
2027 Medical Control Board Treatment Protocols

Approved 9/2/26, Effective 1/15/27, replaces all prior versions

EMS Section

9D – PAIN MANAGEMENT MEDICAL

(ACUTE ONSET & CHRONIC TYPE)

ADULT & PEDIATRIC

Treatment Priorities

1. Vital Signs
2. Opioid/Opiate Analgesia as Clinically Appropriate Per Protocol

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

EMD

ADVISE TO AVOID PHYSICAL EXERTION
OR ENVIRONMENTAL STRESS (TEMP EXTREMES).
DO NOT MOVE THE PATIENT UNLESS IN DANGER
DO NOT ATTEMPT TO SPLINT INJURIES

EMR | EMT

GENERAL SUPPORTIVE CARE (MEDICAL PT) OR TRAUMA AND HYPOVOLEMIC SHOCK SUPPORTIVE CARE (TRAUMA PT)
OBTAIN VITAL SIGNS
O_2 VIA NC, NRB, OR BVM AS APPROPRIATE
APPLY CARDIAC MONITOR (when available)

EMT-I85 | AEMT

GENERAL SUPPORTIVE CARE (MEDICAL PT) OR TRAUMA AND HYPOVOLEMIC SHOCK SUPPORTIVE CARE (TRAUMA PT)
OBTAIN VITAL SIGNS
O^2 VIA NC, NRB, OR BVM AS APPROPRIATE
APPLY CARDIAC MONITOR (when available)

AEMT or HIGHER LICENSE

ADULT: ACETAMINOPHEN < 70kg, 500mg IVPB over 10+ mins.
ACETAMINOPHEN ≥ 70kg, 1000mg IVPB over 10+ mins.
PEDIATRIC: ACETAMINOPHEN ≥ 10kg, 15 mg/kg (MAX 1000mg) IVPB OVER 10+ MINS.

PARAMEDIC

ANALGESIA (IF REQUIRED – PARAMEDIC DISCRETION, PARTICULARLY WITH CHRONIC PAIN SYMPTOMS)

FOR OPIATE USE, ADULT MUST HAVE SYS BP ≥ 100 mmHg; PEDIATRIC MUST HAVE SYS BP ≥ (70 + 2x age in years) mmHg

ADULT: FENTANYL 1 mcg/kg SLOW IVP/IM/IN, MAXIMUM DOSE 100 mcg. MAY REPEAT EVERY 10 MINUTES TO MAXIMUM CUMULATIVE DOSE OF 3 mcg/kg or 250 mcg WHICHEVER IS LESSER.

OR

ADULT: KETAMINE 0.3 mg/kg IV/IO UP TO A MAX OF 30 mg in 100 mL NS INFUSED OVER 10 MINUTES; May repeat once at 0.15 mg/kg IV/IO MAX of 20 mg in 100 mL NS Infused over 15 minutes

KETAMINE 0.3 mg/kg UP TO MAX of 30 mg IN BREATH ACTUATED NEBULIZER (ADD NS TO MAKE TOTAL VOLUME 5 mL), OXYGEN ON 6-8 LPM. May repeat once at 0.15 mg/kg UP TO MAX of 20 mg IN BREATH ACTUATED NEBULIZER (ADD NS TO MAKE TOTAL VOLUME 5 mL)

OR

ADULT: MORPHINE SULFATE 2 - 4 mg SLOW IVP, MAY REPEAT 2 - 4 mg EVERY 5 MINUTES TO A TOTAL OF 10 mg.

OR

ADULT: HYDROMORPHONE 0.5 - 1 mg SLOW IVP, MAY REPEAT EVERY 10 MINUTES TO MAXIMUM CUMULATIVE DOSE OF 2 mg.

PEDIATRIC: OLMCP ORDER ONLY
OLMCP CONSULT IF FURTHER ANALGESIA REQUIRED

CONTINUOUS ASSESSMENT & TREATMENT PER APPLICABLE PROTOCOL