



# 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

## 9A ABDOMINAL PAIN/NAUSEA/VOMITING/DIARRHEA ADULT & PEDIATRIC

**TREATMENT PRIORITIES**  
 1. Supportive care  
 2. IVF if needed for hypotension  
 3. Antiemetic for active vomiting

**EMD**  
 ADVISE TO REST IN COMFORTABLE POSITION  
 ADVISE NO FOOD OR DRINK  
 ADVISE TO AVOID MOVEMENT UNLESS NECESSARY

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

**EMR**      **EMT**  
 GENERAL SUPPORTIVE CARE  
 OBTAIN VITAL SIGNS  
 O2 VIA NC OR NRB AS APPROPRIATE

**EMT-I85**      **AEMT**  
 IV ACCESS  
**ADULT:** IV NS TKO IF SYS BP  $\geq$  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  $\geq$  (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

**PARAMEDIC**  
 ANTIEMETIC (IF ACTIVELY VOMITING)  
**ADULT:** ONDANSETRON 4 mg IVP/ODT. MAY REPEAT ONCE IN 10 MINUTES  
**PEDIATRIC:** ONDANSETRON 0.1 mg/kg IVP TO A MAXIMUM SINGLE DOSE OF 4 mg  
 IF AGE  $>$  2 years, MAY GIVE ONDANSETRON 4 mg ODT  
 ANALGESIA (IF REQUIRED)  
 FOR OPIATE USE, ADULT MUST HAVE SYS BP  $\geq$  100 mmHg; PEDIATRIC MUST HAVE SYS BP  $\geq$  (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:** 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(S)