



# 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

## 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)