# Abdominal Pain



**History**
- Age
- Past medical history / surgical history
- Medications
- Onset
- Palliation / provocation
- Quality (cramping, constant, sharp, dull, etc.)
- Region / radiation / referred pain
- Severity (1 – 10)
- Time (duration / repetition)
- Fever
- Last meal eaten
- Last bowel movement / emesis
- Menstrual history (pregnancy)

**Signs and Symptoms**
- Pain (location / migration)
- Tenderness
- Nausea
- Vomiting
- Diarrhea
- Dysuria
- Constipation
- Vaginal bleeding / discharge
- Pregnancy

**Associated Symptoms**
- Fever, headache, weakness, malaise, myalgias, cough, mental status changes, rash

General

EMT

AEMT

Paramedic

**Adult Routine Transport Orders**

Evidence of:
**Dehydration / Vomiting / Volume Loss**
See:
**Non-Traumatic Shock/Dehydration**

Yes

No

**Adult IV/IO**
**0.9 NS wide open**
to maintain systolic BP of 90 mmHg
**if hypotensive**

Consider
**Chest Pain** Protocol

**Cardiac Monitor / 12 Lead ECG**
**Transmit 12 Lead ECG**
**EMT**: 12-lead EKG set up and application for electronic transmission

Treat pain according to
**Pain Management** Protocol

If Nausea/Vomiting
See: **Nausea/Vomiting** Protocol

Transport

# Nausea/Vomiting

Gastrointestinal

Remember to use Body Substance Isolation (BSI) precautions.

INDICATIONS: FOR CONTROL OF NAUSEA AND VOMITING RESULTING FROM

1. Inner ear disturbances
2. Closed head trauma
3. Cardiac-related problems
4. Influenza (flu) symptoms
5. Extremity trauma/fractures
6. Morphine administration
7. Kidney stones
8. Gallbladder disease

**Adult Routine Transport Orders**

**Adult IV/IO**

**Ondansetron (Zofran)**

2 – 4 mg IVP, IO, IM

**Nausea & Vomiting**

**Ondansetron (Zofran)**

8 mg ODT (2 Tablets)

Monitor cardiovascular status, especially in patients with a history of coronary artery disease. Rare cases of tachycardia and angina have been reported.

**Inform patients that a headache requiring analgesic relief is a common effect.**

**250 ml Bolus of 0.9 NS may be indicated**

This may be repeated as needed for treatment of **Dehydration**

In Treating patients with History of CHF or extensive cardiac history, Observe lung sounds prior to and during fluid administration to assess fluid overload.

General

EMT

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# Renal Dialysis



Dialysis: The process of filtering the blood, the way kidneys normally do, using a machine. Dialysis machine filters the blood to rid it of waste products. The filtered blood then returns to the patient through the venous catheter.

Medical concerns for the Renal Dialysis patient are: Pulmonary edema most common, Arrhythmia, Hypertensive crisis, Air embolus, Can occur during the dialysis procedure and Hyperkalemia ( Wide QRS, Sine waves ). DO NOT start IV or take a BP on a limb with a shunt or fistula.

**Adult Routine Transport Orders**

**Pulmonary Edema** → **Pulmonary Edema/CHF** Protocol

**Adult IV/IO**

**Suspected Air Embolus** → Place patient in left side half-prone position with the head down 30%.

**Hypotension** → Must not give fluid bolus to patient in pulmonary edema. In these patients, look for other causes of hypotension (MI, hypoxia).

**Consider NS Fluid Bolus 300 – 500 ml**

**Cautions**:
a) DO NOT take blood pressure on limb with shunt or fistula.
b) DO NOT start IV on limbs with shunt or fistula. EXCEPTION: Rapid deterioration of vital signs and no venous access. An accidental break or rupture of a shunt can lead to rapid exsanguination. Guard shunts appropriately. Control bleeding.

**Transportation**:
a) If patient is **stable**, transport to the hospital where they receive dialysis. If patient is **unstable** transport to nearest hospital.
b) If arrest is not responsive to resuscitative efforts, transport patient to the nearest hospital.

**Personal Precautions:**
*Serum Hepatitis:* common in Dialysis patients.
a) Blood very infectious....avoid contact.
b) Virus gains entrance through cuts and hand to mouth contact.
c) Clean blood on vehicle and/or equipment. Should be wiped up and cleaned with PDI® Sani-Cloth® HB disposable wipes.

d) If exposed, fill out proper exposure forms.

General
EMT
AEMT
Paramedic