



UCI Medical Center ACUTE ABDOMINAL PAIN ADULT - MALE OR FEMALE (EXCLUDING FLANK PAIN)

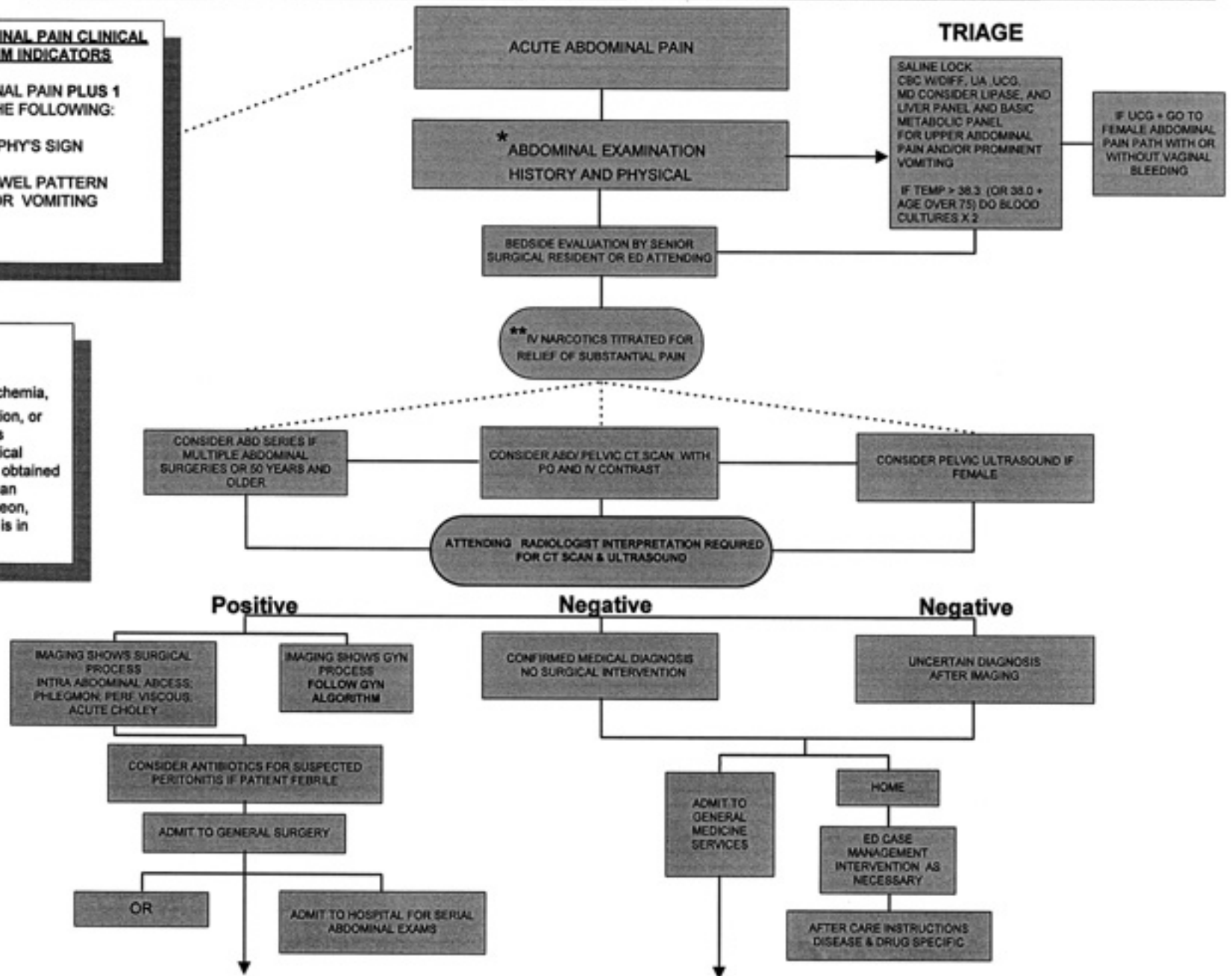
ACUTE ABDOMINAL PAIN CLINICAL ALGORITHM INDICATORS

ACUTE ABDOMINAL PAIN PLUS 1 OR MORE OF THE FOLLOWING:

- * POSITIVE MURPHY'S SIGN
- * FEBRILE
- * CHANGE IN BOWEL PATTERN
- * NAUSEA AND/OR VOMITING

CAUTION

* If mesenteric ischemia, mesenteric infarction, or aortic dissection is suspected, a surgical consult should be obtained immediately from an experienced surgeon, while the work-up is in progress



| ANTIBIOTIC REGIMENS | |
|---|-------|
| PRIMARY PATHOGENS: gram negative E.coli, klebsiella, anaerobes | |
| Gallbladder - cholecystitis, cholangitis, biliary sepsis, common duct obstruction, peritonitis (bowel perforation, perforated appendix), diverticulitis. | |
| (preferred) | |
| COST PER DAY | |
| Ceftizoxime 1 gm q8H | 12.00 |
| Flagyl (metrodiazole) 500mg q8H | 6.00 |
| Clindamycin 600 mg q8H | 6.00 |
| Gentamicin 5mg/kg once daily or 3 mg/kg loading dose if renal function is normal. | 1.00 |
| If renal function impaired, adjust gentamicin dose downward, or choose another agent | |
| AMP + GENTAMICIN + FLAGYL (metrodiazole) | |
| Ampicillin 2 gm q6H | 1.60 |
| Gentamicin 5mg/kg once daily or 3 mg/kg loading dose if renal function is normal. | 1.00 |
| If renal function impaired, adjust gentamicin dose downward, or choose another agent | |
| Flagyl(metrodiazole) 500 mg q8H | 6.00 |
| For Suspected nosocomial infection or Pseudomonas: | |
| Zosyn 3.375 - 4.5 gm q6H + gentamicin 5mg/kg once daily or 3 mg/kg loading dose if renal function is normal if renal function impaired, adjust gentamicin dose downward, or choose another agent | 50.00 |

| SEVERITY OF ILLNESS CRITERIA FOR ADMISSION | INTENSITY OF SERVICE CRITERIA FOR ADMISSION |
|--|---|
| Uncontrolled GI bleeding Vomiting / Diarrhea / Inadequate oral intake <i>and two</i> : Na \geq 150 Hct \geq 60 / Hgb \geq 20 male or Hct \geq 50 / Hgb \geq 16 female Urine specific gravity \geq 1.030 BUN \geq 45 / Creatinine \geq 3 Postural systolic BP drop \geq 20 Pulse \geq 100/min at rest Abdominal Pain <i>and one of the following</i> T \geq 38.3° C WBC \geq 15,000 Nausea and vomiting Amylase \geq 300 or Lipase $>$ 24 Imaging studies - acute pancreatitis, acute diverticulitis, acute appendicitis, acute cholecystitis Abdominal or Back pain and aneurysm \geq 5 cm on imaging study Abdominal or back pain <i>and one of the following</i> Hypotension Diminished femoral pulse Hematuria | IV fluids Maintenance IV / IM analgesics IV / IM antiemetics GI suction / drainage IV / IM Mg Blood / Blood products Nasogastric Tube |

****IV ANALGESIA**

FENTANYL 50-100 mcg IV q
30-60 minutes for short duration
pain relief

OR

MORPHINE 4-10 mg IV q 3
hours for longer duration pain
relief

**ANTIMICROBIAL PROPHYLAXIS GI
SURGERY:**

GASTRODUODENAL-BILIARY SURGERY
FOR BOWEL SURGERY PROPHYLAXIS
CEFOTETAN 2GM

CEFAZOLIN 1GM AT INDUCTION OF
ANESTHESIA (30-60 MIN BEFORE
INCISION)

*IF ALLERGIC TO PENICILLIN, METRODIAZOLE 500 MG PLUS GENTAMICIN 2MG/KG AT INDUCTION OF ANESTHESIA
EACH PATIENT IS AN INDIVIDUAL AND THE RESPONSES MAY VARY. THE CLINICAL ALGORITHM IS TO BE USED AS A GUIDELINE ONLY.