Peritoneal Dialysis Peritonitis

**Initial orders**
- CBC, BMP, Lipase, hepatic function panel

**Peritoneal dialysis patient with:**
- Abdominal pain
- Fever
- Cloudy effluent

**Vitals and PE**

- Consult nephrology fellow
- Obtain effluent sample:
  - Cell count + diff
  - Culture
  - Gram Stain
- Accessing/using peritoneal catheter is not standard for most ED nurses.

**Concerns for sepsis?**

- Yes: Add blood cultures + IV antibiotics
- No: Intraperitoneal antibiotics with **gram positive** + **gram negative** coverage
  Order via "peritoneal dialysis" orderset as fluid additives. Discuss w/ pharmacy as needed.

**Gram positive:**
- Vancomycin (15-30 mg/kg), or
- Cefazolin (15-20 mg/kg)

**Gram negative:**
- Gentamicin (0.6 mg/kg), or
- Cefazidime (1,000-1,500 mg), or
- Cefepime (1,000 mg)

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