

ED Peritoneal Dialysis Suspected Peritonitis

For rapid management of peritoneal dialysis patients with suspected peritonitis

If patient is septic, please use the ED Sepsis order set, give IV antibiotics and consult nephrology

[**link to ED Peritoneal Dialysis Peritonitis Guideline \(attached\)](#)

General

- Nursing (all pre-checked)
 - Vital signs -T-P-R, BP q 1 hour Today start at ***
 - Enter Patient weight
 - STAT, Once First occurrence Today at ***
 - Nursing Communication
 - Routine, Until Discontinued starting Today at *** until specified
 - Only R5 nurse may access the peritoneal dialysis catheter (ED RN to call R5 charge x6089)
 - R5 nursing consult (ED RN to call R5 charge x6089)

IV Fluids

- 0.9% NaCl infusion
 - *** mL/hr, Intravenous, STAT once today at ***

Intraperitoneal Fluids

- If no fluid in peritoneal cavity to sample, order:
 - Diasylate-LC/LM/1.5% dextrose CAPD 2000 mL peritoneal dialysis solution
 - Intraperitoneal, Stat, once Today at ***
 - Instill 1000 mL and allow to dwell for 60 minutes prior to collecting fluid for cell count/culture.

Labs

- ED Labs (all pre-checked)
 - CBC + Differential
 - Stat, First occurrence Today at ***
 - Comprehensive Metabolic Panel MMC ED Only
 - Stat, First occurrence Today at ***
- Microbiology (all pre-checked)

BLOOD

- Culture Blood – Series of Two (from ED sepsis phase 1 order set 1495)
 - Culture Blood - #1 of 2

And

- Culture Blood #2 of 2

PERITONEAL FLUID (modified from Peritoneal Fluid Tests 1563)

- Cell Count Fluid
 - Stat, First occurrence Today at ***
 - Collection Instructions: Peritoneal Fluid (may only be drawn by R5 nurse)

- Culture Fluid w/Gram Stain
 - Stat, First occurrence Today at ***
 - Peritoneal Fluid

Specimen Source: Peritoneal Fluid (may only be drawn by R5 nurse)

Collection Instructions: inoculate blood culture bottles with 5-8 mLs of peritoneal fluid. Also send 1 mL to lab for cell count and 1 mL for the culture and gram stain.

Medications

*Antibiotics should be given intraperitoneal [IP] **after** PD fluid obtained for cell count and culture.*

*IP antibiotics are favored over IV antibiotics, **unless** the patient septic/critically ill.*

Both gram negative and gram positive coverage should be given and may be placed in same bag for intraperitoneal administration

Antibiotics should dwell for 6 hours

Antimicrobial – Intraperitoneal

1. Order fluid for the intraperitoneal antibiotics: (pre-check)

- Diasylate-LC/LM/1.5% dextrose CAPD 2,000 mL peritoneal dialysis solution
 - Intraperitoneal, Stat once today at ***
 - This fluid is the carrier for the intraperitoneal antibiotics

2. Order IP antibiotics (must have selected #1 above)

No beta-lactam allergy:

- Vancomycin 20 mg/kg intraperitoneal x 1 (stat, once Today at ***)
Max dose of 2000 mg, **AND**
- Cefepime 1000 mg intraperitoneal x 1 (stat, once Today at ***)

If beta-lactam allergy:

- Vancomycin 20 mg/kg intraperitoneal x 1 (stat, once Today at ***)
Max single dose of 2000 mg, **AND**
- Gentamycin 0.6 mg/kg intraperitoneal x 1 (stat, once Today at ***)
Max single dose of 100 mg

Consultations

- Nephrology consultation (pre-checked)
- Consultation to pharmacy (pre-checked)
 - Reason for consult: intraperitoneal antibiotics

For administrative purpose only

DO NOT de-select item(s)

This is a peritoneal dialysis patient with suspected peritonitis

Ad-hoc Orders

Emergency Department Management of the Peritoneal Dialysis Patient with Suspected Peritonitis

