

CEA Pre-Diagnostic Case Study Discussion:

Part 2

Treatment Plan: Diverticulosis

Diagnostic Tests:

- CBC: WBC 14.2
- CRP: 30 mg/L
- Abdomen/ Pelvis CT with and without Contrast:
 - a) Inflammation of the colon and the surrounding areas occurring alongside existing diverticula.
 - b) Thickening of the colon 4 mm
 - c) No abscess or perforation

Medications and Nonpharmacological Treatments:

Medications:

- Ciprofloxacin PO Q12 hours for 10 days- if complicated diverticulitis
- Metronidazole PO 500mg Q8 hours for 10 days- if complicated diverticulitis
- Acetaminophen 325mg PO every 4-6 hours as needed for pain
- Recent research indicates that antibiotics may not benefit patients with mild acute uncomplicated diverticulitis despite their historical use as first-line treatment (Peery et al., 2021).

Nonpharmacological Treatments:

- Clear liquid diet
- Heating Pad or warm baths for pain and comfort