

St. Josephs Health

Antibiotic Recommendations for the Empiric Treatment of Colitis

	Infectious Diarrhea^{1,2}	Inflammatory Colitis³⁻¹²	Ischemic Colitis¹³⁻¹⁵
Diagnostic Testing	Enteric Pathogen by PCR <i>C. difficile</i> toxin PCR (negative)	CT scan Colonoscopy	CT scan Colonoscopy
Indication for Empiric Antibiotic Treatment	Immunocompetent adults, empiric antimicrobial therapy is not recommended Exception: Traveler's diarrhea or bloody diarrhea and fever ≥ 101°F with severe illness.	Ulcerative colitis/Crohn's disease: Not recommended unless suspected extraluminal complications or systemic signs of toxicity Antibiotics (ciprofloxacin) are indicated in the outpatient setting in combination with infliximab or adalimumab to improve fistula closures and to decrease fistula drainage	Patients with Moderate or Severe disease should receive antibiotics Moderate disease (classified as having up to 3 risk factors): <ul style="list-style-type: none">• Male sex• SBP < 90 mmHg• HR >100 beat/min• Abdominal pain without rectal bleeding• BUN > 20• Hemoglobin <12 g/dL• LDH >350 U/L• Serum Na <136 mmol/L• WBC >15,000 per uL• Colonoscopically identified mucosal ulceration Severe Disease <ul style="list-style-type: none">• Peritoneal signs• Pneumatosis on CT• Gangrene on colonoscopy• Pancolonic or isolated right colon ischemia• More than 3 risk factors above
Empiric Treatment	Azithromycin 1 po x 1	No antibiotics are recommended	Ceftriaxone 1g IV q 24h + Metronidazole 500mg IV q 12h Duration: continued for at least 3 days, if improved after 72 hours continue for 7 days

References

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