

## **ANTIMICROBIAL DOSING CHART:**

Indication	Common Pathogens	Preferred Therapy	Severe Cephalosporin Allergy	Duration
Appendicitis	Escherichia coli Bacteroi des fragilis Strep anginosus Pseudomonas aeruginosa	Ceftriaxone (IV) 50-75 mg/kg/dose Q24h (Max dose 2,000 mg)  PLUS  Metronidazole (IV/PO) 10 mg/kg/dose Q8h (Max dose 500 mg)	Ciprofloxacin (IV) 10-15 mg/kg/dose Q12h (Max dose 400 mg)  PLUS  Metronidazole (IV/PO) 10 mg/kg/dose Q8h (Max dose 500 mg)	Uncomplicated: Pre-op dosing only  Perforated: Duration of therapy variable and based on clinical course
		For perorated appendicitis, switch to oral when clinically appropriate:  Am oxicillin-Clavulanate (PO) 20-25 mg/kg/dose Q12h (Max dose Am oxicillin 800 mg liquid / 875 tablet)  Use 7:1 formulations:  • Amoxicillin 400 mg/Clavulanate 57 mg  • Amoxicillin 875 mg/Clavulanate 125 m	For perforated appendicitis, switch to oral when clinically appropriate:  Ciprofloxacin (PO) 10-20 mg/kg/dose Q12h (Max dose 500 mg)  PLUS  Metronidazole PO) 10 mg/kg/dose Q8h (Max dose 500 mg)	

## References:

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