

AZITHROMYCIN (ZITHROMAX, Z-Pak)

Class

Antimicrobial – antibiotic; macrolide

Action 📖

Reversibly binds to 50S ribosomal subunit of susceptible organisms inhibiting protein synthesis; effective against mild to moderate infections caused by pyogenic streptococci, *Streptococcus pneumoniae*, *Haemophilus influenzae*, *Mycobacterium avium–intracellulare*, and *Staphylococcus aureus*

Indications ✓	Contraindications ✗
<ul style="list-style-type: none"> ➤ Acute bacterial sinusitis ➤ Mild community-acquired pneumonia ➤ Chancroid ➤ Pharyngitis ➤ Uncomplicated skin infections ➤ Urethritis 	<ul style="list-style-type: none"> ➤ Known allergy to azithromycin ➤ Pregnancy ➤ Patients receiving Astemizole or Cisapride

Dose

- ❑ **Bronchitis/Pneumonia, Ear Infection, Cutaneous Abscess, Ingrown Toenail:**
 - ❑ 500mg PO first dose then 250mg daily for 4 days
- ❑ **Gastroenteritis, Tonsillopharyngitis** 500mg PO daily X 3 days
- ❑ **Urinary Tract Infection** 1g PO once

Side Effects 😞	Adverse Reactions ⚠️
<ul style="list-style-type: none"> → Nausea/vomiting → Diarrhea → Abdominal pain 	<ul style="list-style-type: none"> → Angioedema → Cholestatic jaundice

