

1. Diagnostic Tests

- **Urinalysis (UA)** with culture and sensitivity to confirm infection and assess for bacterial resistance.
- **Basic Metabolic Panel (BMP)** to evaluate kidney function and electrolyte balance.
- **Pregnancy Test:** Due to the recent missed doses of oral contraceptives, a urine or serum pregnancy test is recommended to rule out pregnancy before prescribing antibiotics like fluoroquinolones, which are contraindicated during pregnancy.

2. Medications

Since T.B. can be managed as an outpatient, the following oral medications are recommended:

1. **Ciprofloxacin 500 mg every 12 hours**

- **Prescription:** ciprofloxacin 500 mg tablets, take 1 tablet by mouth twice daily for 7 days. Dispense #14. No refills.
- **Rationale:** Ciprofloxacin is preferred for uncomplicated pyelonephritis due to its high efficacy against common pathogens and its good renal penetration, as supported by IDSA guidelines

2. **Acetaminophen 500 mg orally every 6 hours as needed** for fever or pain.

- **Prescription:** Acetaminophen 500 mg tablets, take 1 tablet by mouth every 6 hours as needed. Dispense #20. Refills: 0.

3. **Ondansetron 4 mg orally every 8 hours as needed** for nausea.

- **Prescription:** Ondansetron 4 mg tablets, take 1 tablet by mouth every 8 hours as needed. Dispense #10. Refills: 0.

3. Consults/Referrals