



CONSIDERATIONS FOR THERAPY

Methodology Statements

1. Respiratory Panel

Treatment considerations are developed using a guideline-based framework to support outpatient management of respiratory infections. These antimicrobial listings are updated annually to account for emerging antimicrobial therapies and recent guideline changes. Organisms are interpreted within defined clinical syndromes, and detection alone does not mandate antibiotic therapy. Recommendations prioritize antimicrobial stewardship principles, including avoidance of antibiotics for viral infections and use of the narrowest effective therapy when indicated.

Considerations for therapy are informed by:

- IDSA Clinical Practice Guideline for Group A Streptococcal Pharyngitis (2012; current standard)
- ATS/IDSA Community-Acquired Pneumonia Guidelines (2019)
- IDSA Acute Bacterial Rhinosinusitis Guidelines (2012; current standard)
- CDC Outpatient Respiratory Clinical Guidance (current as of 2026)
- Sanford Guide to Antimicrobial Therapy (2026 Edition)

2. Urinary Tract Infection (UTI) Panel

Treatment considerations are structured to support management of **symptomatic uncomplicated urinary tract infections in outpatient settings**. Recommendations reflect established first-line outpatient therapies and evidence-based efficacy data for common uropathogens, consistent with current clinical guidance and the Sanford Guide. Antimicrobial listings are updated annually to account for emerging antimicrobial therapies and recent guideline changes.

Resistance gene detection is interpreted alongside organism identification and clinical presentation. When resistance markers (e.g., *dfrA*, *sul1/2*, ESBL, carbapenemase, *mecA*) are identified, antimicrobial options are adjusted in accordance with established genotype–phenotype correlations.

Considerations for therapy are informed by:

- IDSA Clinical Practice Guideline for Acute Uncomplicated Cystitis & Pyelonephritis (2011; current standard)
- IDSA Guidance for Complicated Urinary Tract Infections (most recent update)
- IDSA Guidance on Treatment of Antimicrobial-Resistant Gram-Negative Infections (2024 update)
- CDC Core Elements of Outpatient Antibiotic Stewardship (2016; current framework)
- Sanford Guide to Antimicrobial Therapy (2026 Edition)





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3. Vaginitis / Genital Panels

Treatment considerations are designed to support outpatient evaluation and management of common vaginal and sexually transmitted infections. Antimicrobial listings are updated annually to account for emerging antimicrobial therapies and recent guideline changes. Organisms are interpreted within defined clinical syndromes, and therapy considerations assume compatible symptoms and examination findings.

Considerations for therapy are informed by:

- CDC Sexually Transmitted Infection Treatment Guidelines (2021; current standard)
- ACOG Practice Bulletins on Vaginitis and Sexually Transmitted Infections (most recent updates)
- Sanford Guide to Antimicrobial Therapy (2026 Edition)

4. Gastrointestinal (Diarrheal Disease) Panel

Treatment considerations are developed to support outpatient management of acute infectious diarrhea. Antimicrobial listings are updated annually to account for emerging antimicrobial therapies and recent guideline changes.

Considerations for therapy are informed by:

- IDSA Clinical Practice Guidelines for Infectious Diarrhea (2017; current standard)
- IDSA/SHEA Clinical Practice Guidelines for Clostridioides difficile Infection (2021 update)
- CDC Yellow Book – Travelers’ Diarrhea (most recent edition)
- AAP Red Book: Report of the Committee on Infectious Diseases (2021–2024 edition)
- Sanford Guide to Antimicrobial Therapy (2026 Edition)

5. Wound Panel

Treatment considerations are structured to support outpatient management of common mild-to-moderate skin and soft tissue infections. Antimicrobial listings are updated annually to account for emerging antimicrobial therapies and recent guideline changes. Organisms are interpreted within clinical context, and therapy considerations reflect severity stratification and typical pathogen patterns in outpatient wound care.

Considerations for therapy are informed by :

- IDSA Skin and Soft Tissue Infection Guidelines (2014; current standard)
- IDSA Clinical Practice Guidelines for Diabetic Foot Infections (2012; reaffirmed)
- CDC Core Elements of Outpatient Antibiotic Stewardship (2016; current framework)
- Sanford Guide to Antimicrobial Therapy (2026 Edition)
- Expert Panel Review Comprised of Infectious Disease Physicians

