Summary of CDC STI Treatment Guidelines, 2021

This wall chart reflects recommended regimens found in CDC’s Sexually Transmitted Infections Treatment Guidelines, 2021. This summary is intended as a source of clinical guidance. When more than one regimen is noted, the sequence is in alphabetical order unless the choices for therapy are given in priority. The recommended regimens should be used primarily; alternative regimens can be considered in instances of substantial drug allergy or other contraindications. An important component of STI treatment is partner management. Providers can arrange for the evaluation and treatment of sex partners either directly or with assistance from state and local health departments. Complete guidelines can be found online at www.cdc.gov/stdtreatment.

### Summary of CDC STI Treatment Guidelines, 2021

#### Bacterial Vaginosis
- **Recommended Regimen:** metronidazole 500 mg orally 2x/day for 7 days
- **Alternative Regimen:** ciprofloxacin 500 mg orally 2x/day for 7 days

#### Chlamydial Infections
- **Adults and adolescents:** doxycycline 100 mg orally 2x/day for 7 days

#### Gonorrhea
- **Recommended Regimen:** ceftriaxone 500 mg IM in a single dose
- **Alternative Regimen:** ceftizoxime 1 gm every 8 hours

#### Cervicitis, Urethritis, Pharyngitis, or Oropharyngitis
- **Recommended Regimen:** metronidazole 2 gm orally in a single dose

#### Syphilis
- **Primary:** benzathine penicillin G 7.2 million units total, intramuscularly
- **Secondary:** benzathine penicillin G 7.2 million units total, intramuscularly
- **Tertiary:** azithromycin 1 gm orally in a single dose

#### Gonococcal Genital Infections
- **Recommended Regimen:** ceftriaxone 500 mg IM in a single dose
- **Alternative Regimen:** cefotaxime 1 gm IM every 8 hours

#### Perianal or Genital Warts
- **Recommended Regimen:** sinecatechins 15% ointment
- **Alternative Regimen:** cryotherapy with liquid nitrogen

#### Herpes Simplex
- **First clinical episode of genital herpes:** acyclovir 400 mg orally 5 times a day for 7–10 days

#### Tuberculosis
- **Recommended Regimen:** isoniazid 300 mg orally daily for 2 months, followed by isoniazid 300 mg orally daily and rifampin 600 mg orally daily for 4 months

#### Polio Inflammatory Infections
- **Recommended Regimen:** ceftriaxone 500 mg IM in a single dose
- **Alternative Regimen:** cefotaxime 1 gm IM every 8 hours

#### Pneumonia
- **Recommended Regimen:** ceftriaxone 500 mg IM in a single dose
- **Alternative Regimen:** azithromycin 1 gm orally in a single dose

#### Acute Bronchiolitis
- **Recommended Regimen:** prednisone 0.5 mg/kg body weight orally on alternate days for 7 doses
- **Alternative Regimen:** dexamethasone 0.3 mg/kg body weight orally daily for 2 days

#### Trichomoniasis
- **Recommended Regimen:** metronidazole 500 mg orally 2x/day for 7 days

#### Yeast (Vaginal or Oral)
- **Recommended Regimen:** fluconazole 150 mg orally in a single dose

<table>
<thead>
<tr>
<th>Disease</th>
<th>Recommended Regimen</th>
<th>Alternative Regimen</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bacterial Vaginosis</td>
<td>metronidazole 500 mg orally 2x/day for 7 days</td>
<td>ciprofloxacin 500 mg orally 2x/day for 7 days</td>
</tr>
<tr>
<td>Chlamydial Infections</td>
<td>doxycycline 100 mg orally 2x/day for 7 days</td>
<td>amoxicillin 500 mg orally 2x/day for 7 days</td>
</tr>
<tr>
<td>Gonorrhea</td>
<td>ceftriaxone 500 mg IM in a single dose</td>
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<td>Cervicitis, Urethritis, Pharyngitis, or Oropharyngitis</td>
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</tr>
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<td>Syphilis</td>
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<td>azithromycin 1 gm orally in a single dose</td>
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<td>Perianal or Genital Warts</td>
<td>sinecatechins 15% ointment</td>
<td>cryotherapy with liquid nitrogen</td>
</tr>
<tr>
<td>Herpes Simplex</td>
<td>acyclovir 400 mg orally 5 times a day for 7–10 days</td>
<td>valacyclovir 1 gm orally 2x/day for 7–10 days</td>
</tr>
<tr>
<td>Tuberculosis</td>
<td>isoniazid 300 mg orally daily for 2 months, followed by isoniazid 300 mg orally daily and rifampin 600 mg orally daily for 4 months</td>
<td>ethambutol 15 mg/kg body weight/day, divided into 4 doses daily for 14 days</td>
</tr>
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<td>Polio Inflammatory Infections</td>
<td>ceftriaxone 500 mg IM in a single dose</td>
<td>azithromycin 1 gm orally in a single dose</td>
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<td>Pneumonia</td>
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<td>Acute Bronchiolitis</td>
<td>prednisone 0.5 mg/kg body weight orally on alternate days for 7 doses</td>
<td>dexamethasone 0.3 mg/kg body weight orally daily for 2 days</td>
</tr>
<tr>
<td>Trichomoniasis</td>
<td>metronidazole 500 mg orally 2x/day for 7 days</td>
<td>clotrimazole 200 mg vaginally at bedtime, 1x/day for 5 days</td>
</tr>
<tr>
<td>Yeast (Vaginal or Oral)</td>
<td>fluconazole 150 mg orally in a single dose</td>
<td>clotrimazole 200 mg vaginally at bedtime, 1x/day for 14 days</td>
</tr>
</tbody>
</table>

#### Additional Notes
- **1:** Pregnancy status should be confirmed before initiating treatment for any suspected or confirmed STI.
- **2:** Providers should consider one-time lavage of the infected eye with saline solution.
- **3:** A biopsy evaluation to exclude high-grade squamous intraepithelial lesion should be performed before treatment is initiated.
- **4:** Management of herpes in pregnancy.
- **5:** Other parenteral third-generation cephalosporin regimens can be used:
  - ceftizoxime 1 gm every 8 hours
  - ceftazidime 1 gm every 8 hours
  - azithromycin 1 gm orally in a single dose
  - metronidazole 2 gm orally in a single dose

#### Accessible versions
- **Summary of CDC STI Treatment Guidelines, 2021**
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