



STD TREATMENT GUIDELINES TABLE FOR ADULTS & ADOLESCENTS 2011

These recommendations for the treatment of STDs reflect the **2010 CDC STD Treatment Guidelines**. The focus is primarily on STDs encountered in outpatient practice. This table is intended as a source of clinical guidance and is not a comprehensive list of all effective regimens. For more information, please refer to the complete CDC document at http://www.cdc.gov/std/treatment/2010/

The following are available resources in New York City: Call the NYCDOHMH at 212-788-4443 or go to http://www.nyc.gov/health/std to learn more about STDs and how to report infections; to request assistance with confidential notification of sexual partners of patients with syphilis or HIV infection; and to obtain additional information about NYC DOHMH clinical services. Health care providers can access the latest NYC public health information by joining NYC MED at http://www.nyc.gov/health/nycmed.

DOSING ABBREVIATIONS: d=day; qd=once each day; bid= twice daily; tid=three times a day; qid=four times a day; po=by mouth; IM=intramuscular injection; IV=intravenous; mg-milligram; g=gram; hs=hour of sleep; prn=as needed.

DISEASE	RECOMMENDED REGIMENS	ALTERNATIVE REGIMENS
CHLAMYDIA ¹		
Uncomplicated Genital/Rectal/Pharyngeal Infections	Azithromycin 1g po x 1 or Doxycycline§ 100mg po bid x 7 d	Erythromycin base 500mg po qid x 7 d or Erythromycin ethylsuccinate 800mg po qid x 7 d or Ofloxacin [§] 300mg po bid x 7 d or Levofloxacin [§] 500mg po qd x 7 d
Pregnant Women ²	Azithromycin 1g po x 1 or Amoxicillin 500mg po tid x 7 d	Erythromycin base 500mg po qid x 7 d or Erythromycin base 250mg po qid x 14 d or Erythromycin ethylsuccinate 800mg po qid x 7 d or Erythromycin ethylsuccinate 400mg po qid x 14 d
		uncomplicated gonorrhea infection and is the only recommended
regimen for pharyngeal infections. Dual the Uncomplicated Genital/Rectal Infections	Ceftriaxone 250mg IM x 1 or, if not an option Cefixime 400mg po x 1, or Other single-dose injectable cephalosporin ⁵ PLUS Azithromycin 1g po x 1 or	Cefpodoxime 400mg po x 1 or Cefuroxime axetil 1g po x 1 or Azithromycin 2g po x 1 ⁶
Pharyngeal Infections	Doxycycline§ 100mg po BID x 7 d Ceftriaxone 250mg IM x 1 PLUS Azithromycin 1g po x 1 or Doxycycline§ 100mg po BID x 7 d	
PELVIC INFLAMMATORY DISEASE Oral regimens (For parenteral regimens, see www.cdc.gov/std/treatment/2010/)	Ceftriaxone 250 mg IM x 1 or Cefoxitin 2g IM x 1 with Probenecid 1g po x 1 PLUS Doxycycline§ 100mg po BID x 14 d with or without Metronidazole ⁷ 500mg po bid x 14 d	Ofloxacin ^{§,8} 400mg po bid x 14 d or Levofloxacin ^{§,8} 500mg po qd x 14 d with or without Metronidazole ⁷ 500mg po bid x 14 d Ceftriaxone 250mg IM x 1 plus Azithromycin 1g po q week x 2 with or without Metronidazole ⁷ 500mg po bid x 14 d
CERVICITIS 9	Azithromycin 1g po x 1 or Doxycycline§100mg po bid x 7d	
NONGONOCOCCAL URETHRITIS	Azithromycin 1g po x 1 Doxycycline 100mg po bid x 7 d	Erythromycin base 500mg po qid x 7 d or Erythromycin ethylsuccinate 800mg po qid x 7 d or Levofloxacin 500mg po qd x 7 d or Ofloxacin 300mg po bid x 7 d
RECURRENT AND PERSISTENT URETHRITIS ¹⁰	Metronidazole 2g po x 1 or Tinidazole 2g po x 1 PLUS Azithromycin 1g po x 1 (if not used initially)	
ACUTE EPIDIDYMITIS	Likely due to gonorrhea or chlamydia ¹¹ : Ceftriaxone 250mg IM x 1 PLUS Doxycycline 100mg po bid x 10 d Likely due to enteric organisms or with a negative GC culture or NAAT ¹¹ : Levofloxacin 500mg po qd x 10 d or Ofloxacin 300mg po bid x 10 d	For men at risk for both sexually transmitted and enteric organisms: Ceftriaxone 250mg IM x 1 plus Levofloxacin 500mg po qd x 10 d or Ofloxacin 300mg po bid x 10 d
TRICHOMONIASIS	,	
Non-pregnant women ¹²	Metronidazole 2g po x 1 or Tinidazole 13 2g po x 1	Metronidazole 500mg po bid x 7 d
Pregnant Women	Metronidazole 2g po x 1	Metronidazole 500mg po bid x 7 d
BACTERIAL VAGINOSIS	Metanidanda FOO:	Tinidanala 13 On marada a Ondara
Adults/Adolescents	Metronidazole 500mg po bid x 7 d or Metronidazole gel 0.75%, one full applicator (5g) intra-vaginally qd x 5 d or Clindamycin cream ¹⁴ 2%, one full applicator (5g) intra-vaginally qhs x 7 d	 Tinidazole¹³ 2g po qd x 2 d or Tinidazole¹³ 1g po qd x 5 d or Clindamycin 300mg po bid x 7 d or Clindamycin ovules 100mg intravaginally qhs x 3d
Pregnant Women	Metronidazole 500mg po bid x 7 d or Metronidazole 250mg tid x 7 d or Clindamycin 300mg po bid x 7d	

- Contraindicated in pregnant and nursing women
- Annual screening for women aged 25 years or younger. Reinfection is common; retest 3 months after treatment.

 Test-of-cure (preferably by NAAT) 3-4 weeks after completion of therapy is recommended. Pregnant women also should be retested 3 months after treatment.
- Annual screening for women at increased risk, e.g. aged 25 years or younger. Reinfection is common; retest 3 months after treatment.

 For treatment failure or *in vitro* resistance to cephalosporins: Treat with Ceftriaxone 250mg IM (plus azithromycin 1g or doxycycline 100mg bid x 7 d); consult an ID specialist; perform culture and
- susceptibility studies; ensure partner treatment; and in NYC, report to the DOHMH by calling 212-788-4443. Obtain a test-of-cure 3 weeks after treatment. Ceftizoxime 500mg IM; or cefoxitin 2g IM with probenecid 1g PO; or cefotaxime 500mg IM
 Due to concerns over emerging antimicrobial resistance, use should be limited to those with severe cephalosporin allergy or history of severe reaction to penicillin.
- Metronidazole offers additional anaerobic coverage and will treat BV and trichomoniasis, if present.
- A quinolone-based regimen can be considered if a cephalosporin is not feasible and if individual risk and local prevalence of gonorrhea are low. If the test for gonorrhea is positive, the addition of azithromycin 2g po as a single dose is recommended.
- Presumptive regimen. Co-treat for gonorrhea if local prevalence is high (>5%). Treat for BV and trichomoniasis, if present.
- 10 Recommended treatment for patients with persistent symptoms if compliant with initial regimen and re-exposure can be excluded. Consider testing for T.vaginalis infection.
- Among sexually-active men aged <35 yrs, epididymitis is more likely caused by *C. trachomatis* or *N. gonorrheae*. For men who practice insertive anal intercourse or men aged >35 yrs, epididymitis may be caused by enteric organisms.
- ¹² 7-day Metronidazole regimen may be more effective in HIV-infected women
- Safety during pregnancy has not been established (Pregnancy Category C); interruption of breastfeeding is recommended during treatment and for 3 days after last dose.
 Oil-based; might weaken latex condoms and diaphragms for up to 5 days after use

DISEASE	RECOMMENDED REGIMENS	ALTERNATIVE REGIMENS
		1
ACUTE PROCTITIS ^{15, 16}	Ceftriaxone 250mg IM x 1 PLUS	
	Doxycycline§ 100mg po bid x 7 d	
LYMPHOGRANULOMA VENEREUM	Doxycycline§ 100mg po bid x 21 d	Erythromycin base 500mg po qid x 21 d or
		Azithromycin 1g po q week x 3 weeks
CHANCROID	Azithromycin 1g po x 1 or Ceftriaxone 250mg IM x 1 or	
	Ciprofloxacin [§] 500mg po bid x 3 d	
	Erythromycin base 500mg po tid x 7 d	
		all stages of syphilis and is the only treatment with documented
efficacy for syphilis during pregnancy. 17	,	
Adults (including HIV-Co-infected) ¹⁸ Primary, Secondary, and Early Latent	Benzathine penicillin G 2.4 million units IM x1	Doxycycline ^{19,§} 100mg po bid x 14 d or
Filliary, Secondary, and Early Latent	Delizatilile periiciliiri G 2.4 million units ilvi x i	• Tetracycline 19.§ 500mg po gid x 14 d or
		Ceftriaxone ¹⁹ 1g IM or IV qd x 10-14 d
Late Latent and Latent of Unknown	Benzathine penicillin G 7.2 million units,	• Doxycycline ^{19,§} 100mg po bid x 28 d or
duration ²⁰	administered as 3 doses of 2.4 million units IM	• Tetracycline ^{19,§} 500mg po qid x 28 d
Neurosyphilis	each, at 1-week intervals ²¹ • Aqueous crystalline penicillin G 18-24	Procaine penicillin G,
Neurosypniis	million units qd, administered as 3-4	2.4 million units IM qd x 10-14 d plus
	million units IV q 4 hrs or continuous infusion x	Probenecid 500mg po qid x 10-14 d ²² or
D (14)	10-14 d ²²	Ceftriaxone ¹⁹ 2g IM or IV qd x 10-14 d ²²
Primary, Secondary, and Early Latent	Benzathine penicillin G 2.4 million units IM x1	None. If PCN allergic, desensitize and treat.
Late Latent and Latent of Unknown	Benzathine penicillin G 7.2 million units,	None. If PCN allergic, desensitize and treat.
duration ²⁰	administered as doses of 2.4 million units	rvone. In roll and gio, accombined and accus
	IM each, at 1-week intervals	
Neurosyphilis	Aqueous crystalline penicillin G 18-24 This is a second of the	Procaine penicillin G, A selling units IM ad v40 44 d plus
	million units qd, administered as 3-4 million units IV q 4 hrs or continuous infusion x	2.4 million units IM qd x10-14 d plus Probenecid 500mg po qid x 10-14 d ²²
	10-14 d ²²	If PCN allergic, desensitize and treat
DISEASE	RECOMMENDED REGIMENS	
DISEASE ANOGENITAL WARTS (Human Papillom External Genital/Perianal ²³	a Virus) Patient Applied	Provider Administered
ANOGENITAL WARTS (Human Papillom	Patient Applied Podofilox 0.5% solution/gel ^{24,25} : apply bid x 3 d	Provider Administered • Cryotherapy: repeat applications q1-2 weeks or
ANOGENITAL WARTS (Human Papillom	Patient Applied Podofilox 0.5% solution/gel ^{24,25} : apply bid x 3 d followed by 4 d no treatment; use for up to 4 cycles.	Cryotherapy: repeat applications q1-2 weeks or
ANOGENITAL WARTS (Human Papillom	Patient Applied Podofilox 0.5% solution/gel ^{24,25} : apply bid x 3 d followed by 4 d no treatment; use for up to 4 cycles. Total area treated not to exceed 10cm ² and total	 Cryotherapy: repeat applications q1-2 weeks or Podophyllin resin§ 10%-25%: apply q1-2 weeks prn; wash off
ANOGENITAL WARTS (Human Papillom	Patient Applied Podofilox 0.5% solution/gel ^{24,25} : apply bid x 3 d followed by 4 d no treatment; use for up to 4 cycles.	Cryotherapy: repeat applications q1-2 weeks or
ANOGENITAL WARTS (Human Papillom	Patient Applied • Podofilox 0.5% solution/gel ^{24,25} : apply bid x 3 d followed by 4 d no treatment; use for up to 4 cycles. Total area treated not to exceed 10cm² and total volume used ≤ 0.5mL per day or • Imiquimod 5% cream² ^{4,26} : apply qhs 3x/week for up	 Cryotherapy: repeat applications q1-2 weeks or Podophyllin resin§ 10%-25%: apply q1-2 weeks prn; wash off after 1-4 hours. Total area treated not to exceed 10cm² and total volume used ≤ 0.5mL per day or
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ANOGENITAL WARTS (Human Papillom External Genital/Perianal ²³	Patient Applied Podofilox 0.5% solution/gel ^{24,25} : apply bid x 3 d followed by 4 d no treatment; use for up to 4 cycles. Total area treated not to exceed 10cm² and total volume used ≤ 0.5mL per day or Imiquimod 5% cream²4,26: apply qhs 3x/week for up to 16 weeks; wash off after 6-10 hours or Sinechatechin 15% ointment²4,25,26,27: apply tid (0.5cm strand of ointment per wart) for a maximum of 16 weeks	 Cryotherapy: repeat applications q1-2 weeks or Podophyllin resin[§] 10%-25%: apply q1-2 weeks prn; wash off after 1-4 hours. Total area treated not to exceed 10cm² and total volume used ≤ 0.5mL per day or Trichloroacetic acid (TCA) 80%- 90% or Bichloroacetic acid (BCA) 80%- 90%: apply q week prn
ANOGENITAL WARTS (Human Papillom External Genital/Perianal ²³ ANOGENITAL HERPES (HSV-2 and HSV-2)	Patient Applied Podofilox 0.5% solution/gel ^{24,25} : apply bid x 3 d followed by 4 d no treatment; use for up to 4 cycles. Total area treated not to exceed 10cm² and total volume used ≤ 0.5mL per day or Imiquimod 5% cream²⁴.²6: apply qhs 3x/week for up to 16 weeks; wash off after 6-10 hours or Sinechatechin 15% ointment²⁴.²5.²6.²7: apply tid (0.5cm strand of ointment per wart) for a maximum of 16 weeks	 Cryotherapy: repeat applications q1-2 weeks or Podophyllin resin[§] 10%-25%: apply q1-2 weeks prn; wash off after 1-4 hours. Total area treated not to exceed 10cm² and total volume used ≤ 0.5mL per day or Trichloroacetic acid (TCA) 80%- 90% or Bichloroacetic acid (BCA) 80%- 90%: apply q week prn
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ANOGENITAL WARTS (Human Papillom External Genital/Perianal ²³ ANOGENITAL HERPES (HSV-2 and HSV First Clinical Episode	Patient Applied Patient Applied Podofilox 0.5% solution/gel ^{24,25} : apply bid x 3 d followed by 4 d no treatment; use for up to 4 cycles. Total area treated not to exceed 10cm² and total volume used ≤ 0.5mL per day or Imiquimod 5% cream²⁴.²6: apply qhs 3x/week for up to 16 weeks; wash off after 6-10 hours or Sinechatechin 15% ointment²⁴.²5.²6.²7: apply tid (0.5cm strand of ointment per wart) for a maximum of 16 weeks 1) Acyclovir 400mg po tid x 7-10 d or 200mg po 5x/day x 7-10 d or Famciclovir 250mg po tid x 7-10 d or Valacyclovir 1g po bid x 7-10 d Suppressive Therapy Acyclovir 400mg po bid or	 Cryotherapy: repeat applications q1-2 weeks or Podophyllin resin[§] 10%-25%: apply q1-2 weeks prn; wash off after 1-4 hours. Total area treated not to exceed 10cm² and total volume used ≤ 0.5mL per day or Trichloroacetic acid (TCA) 80%- 90% or Bichloroacetic acid (BCA) 80%- 90%: apply q week prn Surgery—electrocautery, excision, laser, curretage Episodic Therapy for Recurrent Episodes Acyclovir 400mg po tid x 5 d or
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ANOGENITAL WARTS (Human Papillom External Genital/Perianal ²³ ANOGENITAL HERPES (HSV-2 and HSV First Clinical Episode	Patient Applied Patient Applied Podofilox 0.5% solution/gel ^{24,25} : apply bid x 3 d followed by 4 d no treatment; use for up to 4 cycles. Total area treated not to exceed 10cm² and total volume used ≤ 0.5mL per day or Imiquimod 5% cream²⁴,²⁶: apply qhs 3x/week for up to 16 weeks; wash off after 6-10 hours or Sinechatechin 15% ointment²⁴,²₅²,²₀²; apply tid (0.5cm strand of ointment per wart) for a maximum of 16 weeks 1) Acyclovir 400mg po tid x 7-10 d or 200mg po 5x/day x 7-10 d or Famciclovir 250mg po tid x 7-10 d Suppressive Therapy Acyclovir 400mg po bid or Famciclovir 250mg po bid or	 Cryotherapy: repeat applications q1-2 weeks or Podophyllin resin[§] 10%-25%: apply q1-2 weeks prn; wash off after 1-4 hours. Total area treated not to exceed 10cm² and total volume used ≤ 0.5mL per day or Trichloroacetic acid (TCA) 80%- 90% or Bichloroacetic acid (BCA) 80%- 90%: apply q week prn Surgery—electrocautery, excision, laser, curretage Acyclovir 400mg po tid x 5 d or 800mg po bid x 5 d or 800mg po tid x 2 d or Famciclovir 125mg po bid x 5 d or 1g po bid x 1 d or 500mg po x1, then 250 mg bid x 2d or
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ANOGENITAL WARTS (Human Papillom External Genital/Perianal ²³ ANOGENITAL HERPES (HSV-2 and HSV First Clinical Episode Established Infection	Patient Applied Patient Applied Podofilox 0.5% solution/gel ^{24,25} : apply bid x 3 d followed by 4 d no treatment; use for up to 4 cycles. Total area treated not to exceed 10cm² and total volume used ≤ 0.5mL per day or Imiquimod 5% cream²⁴.²6: apply qhs 3x/week for up to 16 weeks; wash off after 6-10 hours or Sinechatechin 15% ointment²⁴.²5.²6.²7: apply tid (0.5cm strand of ointment per wart) for a maximum of 16 weeks 1) Acyclovir 400mg po tid x 7-10 d or 200mg po 5x/day x 7-10 d or Famciclovir 250mg po tid x 7-10 d Suppressive Therapy Acyclovir 400mg po bid or Famciclovir 250mg po bid or Famciclovir 250mg po dor 1g po qd Suppressive Therapy Valacyclovir 500mg po qd or 1g po qd	 Cryotherapy: repeat applications q1-2 weeks or Podophyllin resin[§] 10%-25%: apply q1-2 weeks prn; wash off after 1-4 hours. Total area treated not to exceed 10cm² and total volume used ≤ 0.5mL per day or Trichloroacetic acid (TCA) 80%- 90% or Bichloroacetic acid (BCA) 80%- 90%: apply q week prn Surgery—electrocautery, excision, laser, curretage Acyclovir 400mg po tid x 5 d or 800mg po bid x 5 d or 800mg po bid x 2 d or Famciclovir 125mg po bid x 5 d or 1g po bid x 1 d or 500mg po x1, then 250 mg bid x 2d or Valacyclovir 500mg po bid x 3 d or 1g po qd x 5 days Episodic Therapy for Recurrent Episodes
ANOGENITAL WARTS (Human Papillom External Genital/Perianal ²³ ANOGENITAL HERPES (HSV-2 and HSV First Clinical Episode Established Infection	Patient Applied Patient Applied Podofilox 0.5% solution/gel ^{24,25} : apply bid x 3 d followed by 4 d no treatment; use for up to 4 cycles. Total area treated not to exceed 10cm² and total volume used ≤ 0.5mL per day or Imiquimod 5% cream²⁴.²6: apply qhs 3x/week for up to 16 weeks; wash off after 6-10 hours or Sinechatechin 15% ointment²⁴.²5.²6.²7: apply tid (0.5cm strand of ointment per wart) for a maximum of 16 weeks 1) Acyclovir 400mg po tid x 7-10 d or 200mg po 5x/day x 7-10 d or Famciclovir 250mg po tid x 7-10 d Suppressive Therapy Acyclovir 400mg po bid or Famciclovir 250mg po bid or Famciclovir 250mg po po do r 1g po qd Suppressive Therapy Acyclovir 400-800mg po bid or Valacyclovir 500mg po bid or Acyclovir 400-800mg po bid or tid or	 Cryotherapy: repeat applications q1-2 weeks or Podophyllin resin[§] 10%-25%: apply q1-2 weeks prn; wash off after 1-4 hours. Total area treated not to exceed 10cm² and total volume used ≤ 0.5mL per day or Trichloroacetic acid (TCA) 80%- 90% or Bichloroacetic acid (BCA) 80%- 90%: apply q week prn Surgery—electrocautery, excision, laser, curretage Acyclovir 400mg po tid x 5 d or 800mg po bid x 5 d or 800mg po bid x 2 d or Famciclovir 125mg po bid x 5 d or 1g po bid x 1 d or 500mg po x1, then 250 mg bid x 2d or Valacyclovir 500mg po bid x 3 d or 1g po qd x 5 days Episodic Therapy for Recurrent Episodes Acyclovir 400mg po tid x 5-10 d or
ANOGENITAL WARTS (Human Papillom External Genital/Perianal ²³ ANOGENITAL HERPES (HSV-2 and HSV First Clinical Episode Established Infection	Patient Applied Patient Applied Podofilox 0.5% solution/gel ^{24,25} : apply bid x 3 d followed by 4 d no treatment; use for up to 4 cycles. Total area treated not to exceed 10cm² and total volume used ≤ 0.5mL per day or Imiquimod 5% cream²⁴.²6: apply qhs 3x/week for up to 16 weeks; wash off after 6-10 hours or Sinechatechin 15% ointment²⁴.²5.²6.²7: apply tid (0.5cm strand of ointment per wart) for a maximum of 16 weeks 1) Acyclovir 400mg po tid x 7-10 d or 200mg po 5x/day x 7-10 d or Famciclovir 250mg po tid x 7-10 d Suppressive Therapy Acyclovir 400mg po bid or Famciclovir 250mg po bid or Famciclovir 250mg po dor 1g po qd Suppressive Therapy Valacyclovir 500mg po qd or 1g po qd	 Cryotherapy: repeat applications q1-2 weeks or Podophyllin resin[§] 10%-25%: apply q1-2 weeks prn; wash off after 1-4 hours. Total area treated not to exceed 10cm² and total volume used ≤ 0.5mL per day or Trichloroacetic acid (TCA) 80%- 90% or Bichloroacetic acid (BCA) 80%- 90%: apply q week prn Surgery—electrocautery, excision, laser, curretage Acyclovir 400mg po tid x 5 d or 800mg po bid x 5 d or 800mg po bid x 2 d or Famciclovir 125mg po bid x 5 d or 1g po bid x 1 d or 500mg po x1, then 250 mg bid x 2d or Valacyclovir 500mg po bid x 3 d or 1g po qd x 5 days Episodic Therapy for Recurrent Episodes

- Contraindicated in pregnant and nursing women
- 15 Examine patients by anoscopy and evaluate for infection with HSV, gonorrhea, chlamydia and syphilis
- 16 If painful perianal ulcers are present or mucosal ulcers detected on anoscopy, presumptive therapy should include a regimen for genital herpes and LGV.

 17 Benzathine penicillin G is available in one long-acting formulation, Bicillin® L-A, which contains only benzathine penicillin G. Combination penicillin drug products, such as Bicillin® C-R, contain both long-and short-acting penicillins and should not be used to treat syphilis.
- 18 Most HIV-infected persons respond appropriately to standard benzathine penicillin regimens. HIV-infected patients with syphilis should be treated according to the stage-specific recommendations for HIV-negative persons.
- Use alternative regimens for penicillin-allergic, non-pregnant patients only. Data to support the use of alternatives to penicillin are limited. If compliance or follow-up cannot be ensured, the patient should be desensitized and treated with benzathine penicillin.
- Patients diagnosed with latent syphilis who demonstrate any of the following should have a prompt CSF exam to evaluate for neurosyphilis: 1) neurologic or opthalmic signs or symptoms; 2) evidence of active tertiary syphillis; or 3) serologic or treatment failure.

 An interval of 10-14 days between doses of benzathine penicillin for late or latent syphilis of unknown duration might be acceptable before restarting the sequence of injections.
- ²² Some specialists recommend an additional 2.4 million units of benzathine penicillin G IM qweek for up to 3 weeks after completion of neurosyphilis treatment.
- ²³ Mucosal genital warts (cervical, vaginal, anorectal, urethral meatus) should be managed in consultation with a specialist.
- Safety profile during pregnancy not established; Pregnancy Category C.
 Do not wash off after initial application.
- ²⁶ May weaken condoms and diaphragms.
- ²⁷ Use is not recommended for HIV-infected or other immunocompromised persons, or those with clinical genital herpes.
- 28 If HSV lesions persist or recur while receiving antiviral treatment, suspect antiviral resistance. Obtain a viral isolate for sensitivity testing and consult with an HIV specialist.