

## 5 Infections

**Comment:** Please refer to appropriate guidelines for specific indications

[Primary Care Management of Infection Guidance](#)

Patients receiving Chemotherapy Who Become Unwell –Guidance for Community Healthcare Practitioners  
British Lymphology Society – Consensus Document on the Management of Cellulitis in Lymphoedema  
<https://www.lymphoedema.org/>

1.Amoebic infection	Primary Care	Acute/ Specialist Services
<b>No formulary choices</b>		
2. Bacterial infection	Primary Care	Acute/ Specialist Services
<b>Antibacterials</b>		
<b>Aminoglycosides</b>		
Amikacin		✓
Gentamicin		✓
Tobramycin (iv, nebulised)		✓
<b>Comment:</b> Tobramycin nebuliser solution for inhalation is restricted for use in cystic fibrosis only.		
<b>Carbapenems</b>		
Ertapenem (restricted use, seek microbiology advice)		✓
Meropenem (restricted use, seek microbiology advice)		✓
<b>Cephalosporins</b>		
Cefalexin (for UTI)	✓	✓
Cefotaxime (iv)	✓	✓
<b>Comment:</b> Cefotaxime IV restricted for paediatrics/neonates. Use in Primary Care for treatment of invasive meningococcal disease in children and young people.		
Ceftazidime		✓
Ceftriaxone		✓
Cefuroxime		✓
<b>Comment:</b> Cefuroxime for use in paediatrics in the hospital setting.		
<b>Glycopeptide antibacterials</b>		
Teicoplanin		✓
Vancomycin (oral product may be prescribed in primary care for the treatment of C. diff. as per FV guidelines)	✓	✓
<b>Lincosamides</b>		
Clindamycin	✓	✓

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**Forth Valley Formulary Last amended September 23**

## 5 Infections

<b>Macrolides</b>			
	Azithromycin	✓	✓
	Clarithromycin	✓	✓
	Erythromycin	✓	✓
<b>Monobactams</b>			
	Aztreonam		✓
<b>Comment:</b> Aztreonam used only following microbiological advice in Cystic Fibrosis.			
<b>Nitroimidazole derivatives</b>			
	Metronidazole	✓	✓
<b>Penicillin, antipseudomonal with beta-lactamase inhibitor</b>			
	Piperacillin with tazobactam		✓
<b>Penicillin, beta-lactamase sensitive</b>			
	Phenoxymethylpenicillin	✓	✓
	Benzathine benzylpenicillin (for use by GUM clinic)		✓
	Benzylpenicillin	✓	✓
	Procaine benzylpenicillin injection (unlicensed product, for use by GUM clinic)		✓
<b>Penicillin broad-spectrum</b>			
	Amoxicillin	✓	✓
<b>Penicillins, broad spectrum with beta-lactamase inhibitor</b>			
	Co-amoxiclav (Generally not 1 <sup>st</sup> line in Primary Care)	✓	✓
<b>Penicillins, mecillinam-type</b>			
	Pivmecillinam (for UTIs only)	✓	✓
<b>Penicillins, penicillinase-resistant</b>			
	Flucloxacillin	✓	✓
	Temocillin		✓
<b>Comment:</b> Temocillin only to be used following microbiological advice.			
<b>Polymyxins</b>			
	Colistimethate sodium	⊕	✓
<b>Quinolones</b>			
	Ciprofloxacin (in primary care 1 <sup>st</sup> line use only in acute pyelonephritis & prostatitis)	✓	✓
	Levofloxacin	⊕	✓
	Moxifloxacin		✓
	Ofloxacin	✓	✓
<b>Comment:</b> Moxifloxacin restricted to 2 <sup>nd</sup> line treatment in Community Acquired Pneumonia. Ofloxacin restricted to orchitis, prostatitis and pelvic inflammatory disease only.			

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Sulfonamides			
	Co-trimoxazole	⊕	✓
<b>Comment:</b> Co-trimoxazole to be restricted for treatment and prophylaxis of Pneumocystis Pneumonia, Stenotrophomonas multiphilia or following microbiological advice			
Tetracyclines and related drugs			
	Doxycycline (1st line)	✓	✓
	Lymecycline (2nd line for acne only)	✓	✓
	Oxytetracycline	✓	✓
	Tetracycline	✓	✓
Other antibacterials			
	Chloramphenicol		✓
	Daptomycin		✓
	Fosfomycin (oral for UTI use only)	✓	✓
	Fusidic acid / sodium fusidate	✓	✓
	Linezolid (Restricted use, seek microbiology advice)		✓
	Trimethoprim	✓	✓
Antimycobacterial			
	Rifaximin 550mg tablets (Targaxan®)	⊕	✓
<b>2.1 Anthrax</b>		Primary Care	Acute/ Specialist Services
<i>No formulary choices</i>			
<b>2.2 Leprosy</b>		Primary Care	Acute/ Specialist Services
Antimycobacterial			
	Dapsone	⊕	✓
<b>2.3 Lyme disease</b>		Primary Care	Acute/ Specialist Services
<i>No specific formulary choices</i>			
<b>2.4 Methicillin-resistant Staphylococcus aureus</b>		Primary Care	Acute/ Specialist Services
<i>No specific formulary choices</i>			

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2.5 Tuberculosis		Primary Care	Acute/ Specialist Services
<b>Antimycobacterials</b>			
	Rifampicin	⊕	✓
	Rifater® (rifampicin with isoniazid with pyrazinamide)	⊕	✓
	Rifinah® 150 & 300 (rifampicin with isoniazid)	⊕	✓
<b>Other Antimycobacterial</b>			
	Ethambutol	⊕	✓
	Isoniazid	⊕	✓
	Pyrazinamide	⊕	✓
2.6 Urinary-tract infections		Primary Care	Acute/ Specialist Services
<b>Antibacterial</b>			
	Nitrofurantoin	✓	✓
3. Antifungals		Primary Care	Acute/ Specialist Services
<b>Echinocandin antifungals</b>			
	Anidulafungin		✓
	Caspofungin		✓
<b>Polyene antifungals</b>			
	Amphotericin B (iv)		✓
<b>Triazole antifungals</b>			
	Fluconazole oral	✓	✓
	Fluconazole (iv)		✓
<b>Comment:</b> Fluconazole capsules 1st line for oral thrush in adults, 50mg daily for 7 – 14 days.			
	Itraconazole	✓	✓
	Posaconazole (for onco-hematology patients only)		✓
	Voriconazole		✓
<b>Comment:</b> Amphotericin, anidulafungin, caspofungin, voriconazole should only be used following microbiology advice			
4. Helminth infection		Primary Care	Acute/ Specialist Services
<b>Anthelmintics</b>			
	Mebendazole	✓	✓

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5. Protozoal infection		Primary Care	Acute/ Specialist Services
<b>Malaria</b>			
<b>Antimalarials</b>			
<b>Comment:</b> Treatment of malaria is prescribable on the NHS. Prophylaxis is not prescribable on the NHS, but private prescriptions can be provided.			
	Artemether with lumefantrine (Riamet®)	⊕	✓
	Atovaquone with proguanil	⊕	✓
	Chloroquine (Avoclor®)	⊕	✓
	Primaquine	⊕	✓
	Quinine	⊕	✓
<b>Comment:</b> To be prescribed following discussion with Infectious Disease.			
	Doxycycline	⊕	✓
6. Viral infections		Primary Care	Acute/ Specialist Services
<b>6.1 Coronavirus, COVID-19</b>			
<i>No formulary choices</i>			
6.2 Hepatitis		Primary Care	Acute/ Specialist Services
<i>No formulary choices</i>			
6.3 Hepatitis infections		Primary Care	Acute/ Specialist Services
<b>6.3a Chronic hepatitis B</b>			
<b>Antivirals – Nucleoside analogues</b>			
	Entecavir	⊕	✓
<b>Antivirals – Nucleotide analogues</b>			
	Adefovir dipivoxil (Hepsera®)		✓
<b>Immunostimulants - Interferons</b>			
	Peginterferon alfa-2a (Pegasys®)		✓
	Tenofovir disoproxil	⊕	✓

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6.3b Chronic Hepatitis C		Primary Care	Acute/ Specialist Services
<b>Comment:</b> Treatment for chronic hepatitis C should be in line with <a href="#">National Clinical Guidelines for the treatment of HCV in adults</a>			
<b>HCV inhibitor</b>			
	Elbasvir with grazoprevir (Zepatier®)		✓
<b>Nucleoside analogues</b>			
	Ribavirin (used in combination with peginterferon alfa-2a)		✓
<b>Nucleotide analogues</b>			
	Ledipasvir with sofosbuvir® (Harvoni®)		✓
	Sofosbuvir (Sovaldi®)		✓
	Sofosbuvir with velpatasvir (Epclusa®)		✓
	Sofosbuvir with velpatasvir with voxilaprevir (Vosevi®)		✓
<b>Protease inhibitors, Hepatitis</b>			
	Glecaprevir with pibrentasvir		✓
Chronic Hepatitis D		Primary Care	Acute/ Specialist Services
	Bulevirtide (Hepcludex®)		✓
<b>Comment:</b> To be prescribed in line with <a href="#">SMC restrictions</a> in patients where interferon based therapy is ineffective, not tolerated or unsuitable.			
6.4 Herpesvirus infections		Primary Care	Acute/ Specialist Services
<b>Nucleoside Analogues</b>			
	Aciclovir (1st line)	✓	✓
	Famciclovir (2nd line)	✓	✓
6.4a Cytomegalovirus infections		Primary Care	Acute/ Specialist Services
<b>Nucleoside analogues</b>			
	Ganciclovir (including ophthalmic implants)		✓
	Valganciclovir	⊕	✓
<b>Comment:</b> Valganciclovir may be continued in primary care for the prevention of CMV infection in patients undergoing a solid organ transplant. Use for other indications is restricted to Hospital use only			

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6.5 HIV infection		Primary Care	Acute/ Specialist Services
<b>HIV-Integrase inhibitors</b>			
	Cabotegravir (Vocabria®) (tablets, prolonged release injection)		✓
	Dolutegravir (Tivicay®)		✓
	Raltegravir (Isentress®)		✓
<b>Non-nucleoside reverse transcriptase inhibitors (NNRTIs)</b>			
	Doravirine (Pifeltro®)		✓
	Efavirenz		✓
	Etravirine (Intelence®)		✓
	Nevirapine		✓
	Rilpivirine (tablets Edurant®, prolonged release injection Rekambys®)		✓
<b>Nucleoside Reverse Transcriptase inhibitors (NRTIs)</b>			
	Abacavir		✓
	Abacavir with lamivudine		✓
	Bictegravir with emtricitabine with tenofovir alafenamide (Biktarvy®)		✓
	Efavirenz with emtricitabine with tenofovir disoproxil		✓
	Elvitegravir with cobicistat with emtricitabine with tenofovir alafenamide (Genvoya®)		✓
	Darunavir with cobicistat with emtricitabine with tenofovir alafenamide (Symtuza®)		✓
	Emtricitabine (Emtriva®)		✓
	Emtricitabine with tenofovir disoproxil		✓
	Emtricitabine with tenofovir alafenamide (Descovy®)		✓
<b>Comment:</b> Descovy® should be used when generic emtricitabine + tenofovir disoproxil is considered unsuitable e.g. due to renal insufficiency or patients with osteopenia			

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	Emtricitabine with tenofovir disoproxil with rilpivirine (Eviplera®)		✓
	Emtricitabine with rilpivirine with tenofovir alafenamide (Odefsey®)		✓
	Lamivudine (Zeffix®, EpiVir®)		✓
	Lamivudine with dolutegravir (Dovato®)		✓
	Lamivudine with zidovudine		✓
	Lamivudine with tenofovir disoproxil with doravirine (Delstrigo®)		✓
	Tenofovir disoproxil		✓

### HIV Pre-Exposure Prophylaxis (PrEP)

	Emtricitabine with tenofovir disoproxil (1 <sup>st</sup> line)		✓
	Emtricitabine with tenofovir alafenamide (Descovy®) (2 <sup>nd</sup> line)		✓

**Comment:** Descovy® should be used when generic emtricitabine + tenofovir disoproxil is considered unsuitable e.g. due to renal insufficiency or patients with osteopenia

### Protease inhibitors, HIV

	Atazanavir		✓
	Atazanavir with cobicistat (Evotaz®)		✓
	Darunavir		✓
	Darunavir with cobicistat (Rezolsta®)		✓
	Darunavir with cobicistat with emtricitabine with tenofovir alafenamide (Symtuza®)		✓
	Lopinavir with ritonavir		✓
	Ritonavir		✓

### 6.6 Influenza

Primary  
Care

Acute/  
Specialist  
Services

### Neuraminidase inhibitors

	Oseltamivir	✓	✓
	Zanamavir (Relenza®)	✓	✓

### 6.7 Respiratory syncytial virus

Primary  
Care

Acute/  
Specialist  
Services

**No formulary choices**

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