

MFT TRUST FORMULARY

Manchester University
NHS Foundation Trust

Oxford Road Campus & Trafford

	BNF Chapter
Section 1:	Gastro-Intestinal System
Section 2:	Cardiovascular System
Section 3:	Respiratory System
Section 4:	Central Nervous System
Section 5:	Infections
Section 6:	Endocrine System
Section 7:	Obstetrics, gynaecology & urinary tract disorders
Section 8:	Malignant disease & immunosuppression
Section 9:	Nutrition & blood
Section 10:	Musculoskeletal & Joint Diseases
Section 11:	Eye
Section 12:	Ear, nose & oropharynx
Section 13:	Skin
Section 14:	Immunological products & vaccines
Section 15:	Anaesthesia
Section 16:	Miscellaneous

Version 7.9 (June 2021)



Prescribers must always bear in mind when prescribing medicines recommended as "treatment options" by NICE, that this is an opportunity for the clinician and the patient to consider and discuss its use alongside other potential treatment options available.

Formulary status definitions

Formulary (OK to be prescribed - but after any 1st or 2nd line options)

1st line formulary (when there are few formulary options, this is the 1st choice)

2nd line formulary (when there are few formulary options, this is the 2nd choice)

Where there is no preferred 1st line agent provided, the drug choice appears in alphabetical order.

1st line medicines for certain therapeutic groups and any restrictions placed upon prescribing are indicated in the box after the medicine name. Where modified release preparations of a formulary drug are available a comment will clarify its status. Newly licensed modified release preparations of existing formulary drugs will remain non-formulary until a review is carried out and recommendations are published. Where published guidance from NICE, MTRAC or the CSM is available, a reference to this is made either in the box after the medicine name or under the section title. Prescribing guidance issued by the Area Prescribing Committee is also included where it is available.



PCT Red/Amber/Green classifications

Adult RAG, DNP & Grey list

Paediatric RAG, DNP & Grey list

Red

Drugs designated red are considered to be specialist medicines and prescribing responsibility for these medicines should normally remain with the consultant or specialist clinician. These drugs should not be initiated or prescribed in primary care. It is recommended that the supply of these specialist medicines should be organised via the hospital pharmacy, this may include arranging for supply via a home care company. These drugs should not be initiated or prescribed in primary care. It is recommended that the supply of these specialist medicines should be organised via the hospital pharmacy, this may include arranging for supply via a home care company.

Amber

Drugs designated amber are suitable for shared care arrangements under a shared care protocol. Prescribing may be transferred from secondary to primary care once the patient is stabilised and agreed shared care arrangements have been established. Alternatively primary care may initiate under the supervision of secondary care if this option is given in the shared care document. It is recommended that shared care arrangements should be drawn up following local discussion and agreement by prescribing parties.

Green

Drugs designated green are suitable for initiation (unless specified otherwise) and ongoing prescribing within primary care.

Green specialist initiation

Drugs designated green with specialist initiation are suitable for on-going prescribing within primary care. Little or no monitoring is required. Transfer of prescribing should occur after initiation and an initial review (unless specified) in secondary care.

Green following specialist recommendation

For drugs that can be initiated by primary care following written or verbal advice from a specialist and can then subsequently be safely prescribed in primary care with little or no monitoring required.

Unlicensed:

Unlicensed indications are automatically classified as red unless designated otherwise on the list below. If a medicine is unlicensed this should be highlighted in the template as follows: drug name

Do Not Prescribe:

Products which have been reviewed by the GM Formulary & Managed Entry Subgroup and have been deemed not suitable for prescribing for adults and children in primary or secondary care within Greater Manchester (in addition to all medicines with a "not NHS" or "DLCV" classification in the BNF, those agents with a NICE "Do not do" recommendation, and those agents included in the NHS England: "Items which should not routinely be prescribed in primary care" guidance).

MMC Medicines Management Committee decision tables

Summary of Product Characteristics

Blueteq Enabled Forms

British National Formulary (BNF)

Controlled Drug

British National Formulary for Children (BNFC)

High Cost Medicine

NICE guidance

Payment by Results high cost excluded drug

PCT Guidelines

Greater Manchester Medicines Management Group FORMULARY



GMMMG Adult Red/Amber/Green; DNP and Grey Drug List

GMMMG Paediatric Red/Amber/Green; DNP and Grey Drug List

GMMMG Approved Shared Care Guidelines

Useful Links

All Wales Medicines Strategy Group

British HIV Association (BHIVA)

British National Formulary (No password required)

British National Formulary for Children (No password required)

Committee on Human Medicines

electronic Medicines Compendium (eMC)

General Pharmaceutical Council (GPhC)

Greater Manchester Medicines Management Group (GMMMG)

Medicines and Healthcare products Regulatory Agency (MHRA)

Midlands Therapeutics Review and Advisory Committee (MTRAC)

National Institute for Health and Clinical Excellence (NICE)

NHS Evidence

NICE Pathways

Scottish Medicines Consortium (SMC)

Specialist Pharmacist Service (SPS)

Section 1: Gastro-Intestinal System

Supported by the
formulary (click here)



1.1 Dyspepsia & gastro-oesophageal reflux disease

- 1.1.1 Antacids & Simeticone
- 1.1.2 Compound Alginites & Proprietary Indigestion Preparations

1.2 Anti-spasmodics & other drugs altering gut motility

- Antimuscarinics
- Other Antispasmodics
- Motility Stimulants

1.3 Antisecretory drugs & mucosal protectants

- 1.3.1 H₂-Receptor Antagonists
- 1.3.3 Chelates & Complexes
- 1.3.5 Proton Pump Inhibitors

1.4 Acute diarrhoea

- 1.4.2 Antimotility Drugs

1.5 Chronic bowel disorders

- 1.5.1 Aminosalicylates
- 1.5.2 Corticosteroids & Enemas
- 1.5.3 Drugs Affecting the Immune Response
 - Cytokine Modulators

1.6 Laxatives

- 1.6.1 Bulk-forming Laxatives
- 1.6.2 Stimulant Laxatives
- 1.6.3 Faecal Softeners
- 1.6.4 Osmotic Laxatives
- 1.6.5 Bowel Cleansing Preparation
- 1.6.6 Peripheral opioid-receptor antagonists
- 1.6.7 Other drugs used in constipation

1.7 Local preparations for anal & rectal disorders

- 1.7.2 Compound Haemorrhoidal Preparations with Corticosteroids
- 1.7.4 Management of anal fissures

1.9 Drugs affecting intestinal secretions

- 1.9.1 Drugs affecting biliary composition & flow
- 1.9.2 Bile acid sequestrants
- 1.9.4 Pancreatin

1.10 Miscellaneous preparations

Trust Guidelines

Adult medicines and prescribing guidelines
Paediatric medicines and prescribing guidelines
Neonatal guidelines (link to Staffnet site)
[Non-formulary Conversion Table](#)

NICE Guidance

Biosimilar Medicines (KTT15)
Coeliac disease: recognition, assessment and management (NG20)
Faecal Incontinence (CG49)
Irritable Bowel Syndrome (CG61)
Diarrhoea and vomiting in children under 5 (CG84)
Constipation in children and young people (CG99)
Acute upper GI bleeding (CG141)
Crohn's disease (CG152)
Ulcerative colitis (CG166)
Dyspepsia and gastro-oesophageal reflux disease (CG184)
Ulcerative colitis (acute exacerbations) - infliximab (TA163)
Crohn's disease - infliximab & adalimumab (TA187)
Constipation (women) - prucalopride (TA211)
Infliximab, adalimumab & golimumab for treating moderately to severely active ulcerative colitis (TA329)
Vedolizumab for treating moderately to severely active ulcerative colitis (TA342)
Naloxegol for treating opioid induced constipation (TA345)
Vedolizumab for treating moderately to severely active Crohn's disease after prior therapy (TA352)
Obeticholic acid for treating primary biliary cholangitis (TA443)
Ustekinumab for moderately to severely active Crohn's disease after previous treatment (TA456)
Eluxadoline for treating irritable bowel syndrome with diarrhoea (TA471)
Tofacitinib for moderately to severely active ulcerative colitis (TA547)
Darvadstrocel for treating complex perianal fistulas in Crohn's disease (TA556)
Ustekinumab for treating moderately to severely active ulcerative colitis (TA633)
Naldemedine for treating opioid-induced constipation (TA651)

GMMMG Formulary

Formulary Homepage
Chapter 1: Gastro-Intestinal system (Complete)
GMMMG Adult Red/Amber/Green; DNP and Grey Drug List
GMMMG Paediatric Red/Amber/Green Drug List

1.1 Dyspepsia & gastro-oesophageal reflux disease		
1.1.1 Antacids & Simeticone		
Aluminium & Magnesium Containing Antacids		
Co-magaldox		1st line use
195/220 suspension ^{SF}	 	
Magnesium Trisilicate	 	
suspension	 	
Simeticone alone (activated dimeticon)		
Simeticone		RESTRICTED Paediatric use only
Infacol® 40mg/mL liquid	 	
1.1.2 Compound Alginate & Proprietary Indigestion Preparations		
Alginate raft-forming oral suspensions ^{SF}	 	
suspension	 	

1.2 Anti-spasmodics & other drugs altering gut motility



Antimuscarinics

Hyoscine Butylbromide

10mg tablets; 20mg/1mL injection

Glycopyrronium Bromide

Sialanar® 400micrograms/mL oral solution



Other Antispasmodics

Mebeverine Hydrochloride

135mg tablets

Peppermint oil

capsules

Motility Stimulants

Metoclopramide

10mg tablets (see also section 4.6)

Domperidone

Green

10mg tablets (see also section 4.6)

1st line use



1st line use



Use where 1st line unsuitable



MHRA

MHRA

Regulating Medicines and Medical Devices

1.3 Antisecretory drugs & mucosal protectants



1.3.1 H₂-receptor antagonists

Ranitidine

150mg; 300mg tablets



1.3.3 Chelates & Complexes

Sucralfate

1g tablets; oral suspension (restricted Wythenshawe)

Bismuth Subsalicylate (*Pepto-Bismol®*)



RESTRICTED
Adults, H. Pylori eradication regime

262.5mg chewable tablets

1.3.5 Proton Pump Inhibitors

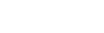
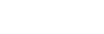
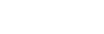
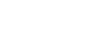
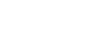
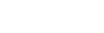
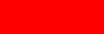
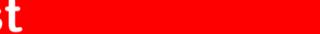
Omeprazole

10mg; 20mg; 40mg capsules

Lansoprazole

15mg; 30mg capsules

Other PPIs are not available at this Trust



1.4 Acute diarrhoea		GMMG
1.4.2 Antimotility Drugs		
Loperamide hydrochloride		1 st line use
2mg capsules; 1mg/5mL syrup ^{SF}	NICE	BNF emc
Codeine Phosphate		RESTRICTED Adults - high output stomas
15mg; 30mg & 60mg tablets	BNF	emc
Eluxadoline		RESTRICTED Gastro. Consultants only in line with NICE
Green	NICE MMC	BNF emc
75mg; 100mg tablets		

1.5 Chronic bowel disorders



1.5.1 Aminosalicylates

Mesalazine

tablets; M/R tablets; M/R granules; enema; foam enema; suppositories

Balsalazide Sodium

750mg capsules

**PRESCRIBE BY BRAND NAME**

1.5.2 Corticosteroids & Enemas

Prednisolone

5mg tablets

Budesonide (*Budenofalk®*)

3mg capsules; rectal foam

Budesonide (*Jorveza®*)

1mg orodispersible tablets

Budesonide

3mg CR capsules

Hydrocortisone

foam enema

Short chain fatty acid enema



Nutricol® enema

1.5.3 Drugs Affecting the Immune Response

Azathioprine



tablets; oral solution (see also sections 8.2.1; 10.1.3 & 13.5.3)

Cyclosporin (oral and I.V. preparations)



capsules; infusion; oral solution (see also section 8.2.2)

Mercaptopurine



tablets; oral suspension (see also section 8.1.3)

Methotrexate (s/c and oral preparations)



tablets; injection; oral solution (see also section 10.1.3)

Vedolizumab



infusion

**1st line use**

Cytokine Modulators

Adalimumab



injection (see also sections 10.1.3 & 13.5.3)

Infliximab



infusion (see also sections 10.1.3 & 13.5.3)

Golimumab



injection (see also sections 10.1.3)

Tofacitinib



tablets (see also sections 10.1.3)

Ustekinumab



injection (see also sections 10.1.3)

ICAM-1 Inhibitor

Alicaforse



enema

**1st line use****RESTRICTED Gastro. Consultants in line with NICE TA342 & TA352****RESTRICTED Gastro. Consultants for Crohn's Disease & Ulcerative colitis as per NICE****RESTRICTED Gastro. Consultants for Crohn's Disease & Ulcerative colitis as per NICE****RESTRICTED Gastro. Consultants for Crohn's Disease & Ulcerative colitis as per NICE****RESTRICTED Consultants only in line with NICE****RESTRICTED Gastro. Consultants as per NICE****RESTRICTED Gastro. Consultants only - pouchitis**

1.6 Laxatives



1.6.1 Bulk-forming Laxatives

Ispaghula husk

3.5g sachets



BNF

1st line use

1.6.2 Stimulant Laxatives

Docusate Sodium

capsules; oral solution



BNF

1st line use

Senna

tablets; oral solution



BNF

1st line use

Bisacodyl

tablets; suppositories



BNF



Glycerol

suppositories



BNF



Sodium Picosulfate

oral solution



BNF



Co-Danthramer

oral suspension



BNF



Co-Danthrusate

oral suspension



BNF



1.6.3 Faecal Softeners

Arachis oil

enema



BNF



1.6.4 Osmotic Laxatives

Lactulose

oral solution



BNF



Macrogols (Polyethylene glycols)

sachets



MMC

BNF



Phosphates (Rectal)

128mL enema



BNF



Sodium Citrate (Rectal)

450mg micro-enema



BNF



1.6.5 Bowel Cleansing Preparations

Sodium Picosulfate with Magnesium Citrate

Picolax® oral powder



BNF



Macrogols (Klean-Prep® & Moviprep®) oral powder

oral powder



BNF



1.6.6 Peripheral opioid-receptor antagonists

Methylnaltrexone Bromide

injection



BNF



Naldemedine

Green

200 microgram tablets



NICE

MMC

BNF



Naloxegol

12.5mg; 25mg tablets



NICE

MMC

BNF



NPSA alert

1st line useRESTRICTED
Adults, Palliative Care onlyRESTRICTED
Adults only in line with TA651RESTRICTED
Adults only in line with TA345

1.6.7 Other drugs used in constipation		
Prucalopride 1mg; 2mg tablets	NICE MMC BNF emc	RESTRICTED - Adult women, Gastro. Consultants only
Linaclotide Green 290 micrograms capsules	MMC BNF emc	RESTRICTED - 3rd line use Adults Gastro. Consultants only

1.7 Local preparations for anal & rectal disorders



1.7.2 Compound Haemorrhoidal Preparations with Corticosteroids

Anusol®

ointment

Proctosedyl®

ointment

Scheriproct®

ointment; suppositories

1.7.4 Management of anal fissures

Glyceryl Trinitrate

Rectogesic® 0.4% ointment

Diltiazem Hydrochloride



2% cream; ointment



1st line for anal fissure

1.9 Drugs affecting intestinal secretions



1.9.1 Drugs affecting biliary composition & flow

Ursodeoxycholic acid

150mg tablets



1st line use

Obeticholic acid



Ocaliva® 5mg; 10mg tablets



RESTRICTED Hepatology
Consultants only 2nd line per TA443

1.9.2 Bile acid sequestrants

Colestyramine

powder 4g sachet (see also section 2.12)



1st line use

Colesevelam Hydrochloride



625mg tablets (see also section 2.12)

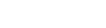
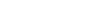
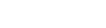
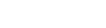
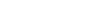


RESTRICTED adults. Gastro & Lipid
Clinic Consultants only

1.9.4 Pancreatin

Pancreatin

capsules



1.10 Miscellaneous preparations

Glucarpidase



Voraxaze® 1,000 unit injection (see also sections 8.4, 10.4 & 13.14)

PbR X

MMC

emc

RESTRICTED
2nd line rescue therapy

Section 2: Cardiovascular System

Supported by the
formulary (click here)



2.1 Positive inotropic drugs

- 2.1.1 Cardiac Glycosides
- 2.1.2 Phosphodiesterase Inhibitors

2.2 Diuretics

- 2.2.1 Thiazides & Related Diuretics
- 2.2.2 Loop Diuretics
- 2.2.3 Potassium-sparing Diuretics & Aldosterone Antagonists
- 2.2.4 Potassium-sparing Diuretics with other Diuretics
- 2.2.5 Osmotic Diuretics

2.3 Anti-arrhythmic drugs

- 2.3.2 Drugs for Arrhythmias

2.4 Beta-adrenoceptor blocking drugs

2.5 Hypertension & heart failure

- 2.5.1 Vasodilator Antihypertensive Drugs
- 2.5.2 Centrally Acting Antihypertensive Drugs
- 2.5.4 Alpha-Adrenoceptor Blocking Drugs
- 2.5.5 Drugs Affecting the Renin-Angiotensin System
 - 2.5.5.1 Angiotensin-Converting Enzyme (ACE) Inhibitors
 - 2.5.5.2 Angiotensin-II Receptor Antagonists

2.6 Nitrates, calcium-channel blockers & other antianginals

- 2.6.1 Nitrates
- 2.6.2 Calcium-channel Blockers
- 2.6.3 Other Antianginal Drugs
- 2.6.4 Peripheral Vasodilators & Related Drugs

2.7 Sympathomimetics

- 2.7.1 Inotropic Sympathomimetics
- 2.7.2 Vasoconstrictor Sympathomimetics
- 2.7.3 Cardiopulmonary Resuscitation

2.8 Anticoagulants & protamine

- 2.8.1 Parenteral Anticoagulants
- 2.8.2 Oral Anticoagulants
- 2.8.3 Protamine Sulfate

2.9 Antiplatelet drugs

2.10 Stable angina, acute coronary syndromes & fibrinolysis

- 2.10.2 Fibrinolytic Drugs

2.11 Antifibrinolytic drugs & haemostatics

2.12 Lipid-regulating drugs

2.13 Local sclerosants

2.14 Miscellaneous preparations

Trust Guidelines

Adult medicines and prescribing guidelines
 Paediatric medicines and prescribing guidelines
 Neonatal guidelines (link to Staffnet site)
[Non-formulary Conversion Table](#)

NICE Guidance

Prophylaxis against infective endocarditis (CG64)
 Stroke (CG68)
 Familial hypercholesterolaemia (CG71)
 Venous thromboembolism - reducing the risk (CG92)
 Unstable angina and NSTEMI (CG94)
 Chest pain of recent onset (CG95)
 Hypertension in pregnancy (CG107)
 Chronic heart failure (CG108) (replaces CG5)
 Stable angina (CG126)
 Hypertension (CG127)
 Myocardial infarction with ST-segment elevation (CG167)
 Myocardial infarction: secondary prevention (CG172)
 Atrial fibrillation: the management of atrial fibrillation (CG180)
 Lipid modification: CV risk assessment and the modification of blood lipids for the 1ry & 2ry prevention of CVD (CG181)
 Acute coronary syndromes - glycoprotein IIb/IIIa inhibitors (review) (TA47) (partially updated by CG94)
 Myocardial infarction - thrombolysis (TA52)
 Guidance on the use of coronary artery stents (TA71) (partially updated by TA152)
 Myocardial perfusion scintigraphy for the diagnosis and management of angina & MI (TA73) (partially updated by TA95 & TA126)
 Hypercholesterolaemia - Ezetimibe (TA132)
 Coronary artery disease - drug eluting stents (TA152)
 Venous thromboembolism - dabigatran (TA157)
 Rivaroxaban for the prevention of VTE (TA170)
 Atrial Fibrillation - dronedarone (TA197)
 Vascular disease - clopidogrel and dipyridamole (TA210)
 Peripheral arterial disease - cilostazol, naftidrofuryl oxalate, pentoxifylline & inositol nicotinate (TA223)
 Myocardial infarction (persistent ST-segment elevation) - bivalirudin (TA230)
 Acute coronary syndromes - ticagrelor (TA236)
 Venous thromboembolism - apixaban (hip and knee surgery) (TA245)
 Atrial fibrillation - dabigatran etexilate (TA249)
 Atrial fibrillation (stroke prevention) - rivaroxaban (TA256)
 Venous thromboembolism (treatment & long term 2ry prevention) - rivaroxaban (TA261)
 Stroke (acute, ischaemic) - alteplase (TA264)
 Chronic heart failure - ivabradine (TA267)
 Stroke & systemic embolism (prevention, non-valvular atrial fibrillation) - apixaban (TA275)
 Pulmonary embolism and recurrent venous thromboembolism - rivaroxaban (TA287)
 Prasugrel with PCI for treating ACS (review of TA182) (TA317)
 Dabigatran etexilate for the treatment and 2ry prevention of DVT and/or PE (TA327)
 Rivaroxaban for preventing adverse outcomes after acute management of acute coronary syndrome (TA335)
 Apixaban for the treatment and 2ry prevention of DVT and/or PE (TA341)
 Edoxaban for treating and for preventing deep vein thrombosis and pulmonary embolism (TA354)
 Edoxaban for preventing stroke and systemic embolism in people with non valvular atrial fibrillation (TA355)
 Ezetimibe for treating primary heterozygous-familial and non-familial hypercholesterolaemia (TA385)
 Sacubitril valsartan for treating symptomatic chronic heart failure with reduced ejection fraction (TA388)
 Alirocumab for treating primary hypercholesterolaemia and mixed dyslipidaemia (TA393)
 Evolocumab for treating primary hypercholesterolaemia and mixed dyslipidaemia (TA394)
 Ticagrelor for preventing atherothrombotic events after myocardial infarction (TA420)
 Rivaroxaban for preventing atherothrombotic events in people with coronary or peripheral artery disease (TA607)
 Dapagliflozin for treating chronic heart failure with reduced ejection fraction (TA679)
 Bempedoic acid with ezetimibe for treating primary hypercholesterolaemia or mixed dyslipidaemia (TA694)
 Andexanet alfa for reversing anticoagulation from apixaban or rivaroxaban (TA697)

GMMMG Formulary

Formulary Homepage
 Chapter 2: Cardiovascular system (Complete)
 GMMMG Adult Red/Amber/Green; DNP and Grey Drug List
 GMMMG Paediatric Red/Amber/Green Drug List

2.1 Positive inotropic drugs		GMMG
2.1.1 Cardiac Glycosides		
Digoxin tablets; elixir; injection		1st line use
Digoxin-specific antibody  infusion		
2.1.2 Phosphodiesterase Inhibitors		
Enoximone		
Perfan® 5mg/1mL injection	  	
Milrinone		1st line use Paediatrics
Primacor® 10mg/10mL injection	  	
Levosimendan		RESTRICTED adults. Cardiology ITU Consultant only
Simdax® 12.5mg/5mL Injection	  	

2.2 Diuretics		GMMG
2.2.1 Thiazides & Related Diuretics		
Bendroflumethiazide tablets		1st line use
Chlortalidone tablets		
Metolazone tablets		2nd line use with loop diuretic
2.2.2 Loop Diuretics		
Furosemide tablets; liquid; injection		1st line use
Bumetanide tablets; oral solution		2nd line use
2.2.3 Potassium-sparing Diuretics & Aldosterone Antagonists		
Amiloride hydrochloride tablets; oral solution		1st line use
Spironolactone tablets		1st line use
Eplerenone tablets		RESTRICTED adults. Cardiology Consultant only
2.2.4 Potassium-sparing Diuretics with other Diuretics		
Co-amilofruse tablets		1st line use
2.2.5 Osmotic Diuretics		
Mannitol infusion		

2.3 Anti-arrhythmic drugs		GMMG
2.3.2 Drugs for Arrhythmias		
Adenosine		
injection		 
Amiodarone Hydrochloride	Amber Red	I.V. guidelines
tablets; injection		 
Disopyramide		
capsules; tablets		 
Flecainide Acetate	Red Paeds - until stabilised then Green	I.V. guidelines
tablets; injection		 
Lidocaine (Lignocaine) Hydrochloride		
injection		 
Mexiletine	Red	RESTRICTED adults. Neurology only
NaMuscla® 167mg capsules		 
Mexiletine Hydrochloride		RESTRICTED adults. Cardiology / Neurology only
U Mexitil® 50mg; 100mg; 200mg capsules		 
Propafenone Hydrochloride		
tablets		 
Dronedarone	Green	RESTRICTED adults. Cardiology Consultant only, in line with TA197
tablets		   

2.4 Beta-adrenoceptor blocking drugs		GMMG
2.4 Beta-Adrenoceptor Blocking Drugs		NICE CG108
		NICE CG127
		NICE CG180
Atenolol		
tablets; liquid; injection		  
Bisoprolol Fumarate		  
tablets		RESTRICTED adults. Cardiology Consultant only
Carvedilol		  
tablets		RESTRICTED adults. Cardiology Consultant only ALSO 2ND LINE FOR VARICEAL BLEED
Esmolol Hydrochloride		  
injection		RESTRICTED <i>I.V. only</i>
Etilefrine Hydrochloride		  
tablets		RESTRICTED Haematology Consultants - SCD
Labetalol Hydrochloride		  
tablets; injection		RESTRICTED oral preps in pregnancy
Metoprolol Tartrate		  
tablets; injection		
Nadolol		  
tablets		RESTRICTED paed. ventricular arrhythmias in long QT syndrome
Nebivolol		  
tablets		
Propranolol Hydrochloride		  
tablets; capsules; oral solution; injection		RESTRICTED not in Cardiology
Sotalol Hydrochloride		  
tablets		

2.5 Hypertension & heart failure		GMMG
		NICE CG108
		NICE CG127
		NICE CG180
2.5.1 Vasodilator Antihypertensive Drugs		NHSE PAH
Hydralazine Hydrochloride		1 st line use
tablets; injection	  	
Minoxidil	  	
tablets		
Ambrisentan Red 	PbR X   	RESTRICTED PAH in line with NHSE
tablets		
Bosentan Red 	PbR X   	RESTRICTED PAH in line with NHSE
tablets		
Sildenafil Red 	   	RESTRICTED PAH in line with NHSE
Revatio® tablets; injection	  	
Macitentan Red 	PbR X   	RESTRICTED PAH in line with NHSE
Opsumit® tablets		
Tadalafil Red 	PbR X   	RESTRICTED PAH in line with NHSE
Adcirca® tablets		
2.5.2 Centrally Acting Antihypertensive Drugs		
Clonidine Hydrochloride		
tablets; oral solution; injection; patches	  	
Methyldopa	  	
tablets		
Moxonidine		
tablets	   	RESTRICTED 3 rd line use after other treatments fail
2.5.4 Alpha-Adrenoceptor Blocking Drugs		
Doxazosin		1 st line use
1mg; 2mg & 4mg tablets	  	
Phenoxybenzamine Hydrochloride		
10mg capsules	  	RESTRICTED adults. Specialist initiation only
Phentolamine Mesilate		
injection	  	RESTRICTED adults. Specialist use, theatres only
2.5.5 Drugs Affecting the Renin-Angiotensin System		
2.5.5.1 Angiotensin-Converting Enzyme (ACE) Inhibitors		
Ramipril		1 st line use
1.25mg; 2.5mg; 5mg & 10mg capsules	  	
Captopril		
12.5mg; 25mg & 50mg tablets	  	RESTRICTED Paediatrics only
Lisinopril		
2.5mg; 5mg; 10mg & 20mg tablets	  	RESTRICTED Renal Medicine only
Perindopril		
2mg; 4mg & 8mg tablets	  	

2.5.5.2 Angiotensin-II Receptor Antagonists		
Candesartan Cilexetil		1st line use hypertension
2mg; 4mg; 8mg; 16mg & 32mg tablets	   	
Losartan Potassium	  	2nd line use hypertension
12.5mg; 25mg; 50mg & 100mg tablets		
Irbesartan	   	2nd line use hypertension
75mg;150mg & 300mg tablets		
Valsartan	   	2nd line use hypertension
40mg;80mg & 160mg capsules		
Sacubitril / Valsartan	    	RESTRICTED use in line with NICE TA388
Green		
24mg / 26mg; 49mg / 51mg & 97mg / 103mg tablets		

2.6 Nitrates, calcium-channel blockers & other antianginals		GMMG
2.6.1 Nitrates		
Glyceryl Trinitrate		
S/L tablets; S/L spray; patches; Injection; ointment	 	
Isosorbide Mononitrate	 	
tablets; capsules		
2.6.2 Calcium-channel Blockers		
Amlodipine		1st choice dihydropyridine
tablets; oral solution	 	
Diltiazem		1st choice non-dihydropyridine
tablets; capsules; ointment	 	PRESCRIBE BY BRAND NAME
Nifedipine		2nd choice dihydropyridine
tablets; capsules; oral drops	 	PRESCRIBE BY BRAND NAME
Verapamil Hydrochloride		2nd choice non-dihydropyridine
tablets; injection; oral solution	 	
Nimodipine		RESTRICTED subarachnoid haemorrhage <i>i.v.</i> then oral
tablets; infusion	 	
2.6.3 Other Antianginal Drugs		
Nicorandil		1st line use
tablets	 	
Ivabradine		RESTRICTED adults 2 nd line. Cardiology Consultant only
tablets	   	
Ranolazine		RESTRICTED adults 3 rd line angina patients not suitable for surgery
M/R tablets	  	
2.6.4 Peripheral Vasodilators & Related Drugs		
Naftidrofuryl Oxalate		
capsules	  	
Defibrotide	 	RESTRICTED Specialist use only in line with NHSE
infusion	   	NHSE Commissioning

2.7 Sympathomimetics		GMMG
2.7.1 Inotropic Sympathomimetics		
Dobutamine infusion		RESTRICTED / I.V. Specialist use only
Dopamine Hydrochloride infusion		RESTRICTED / I.V. Specialist use only
Dopexamine infusion		RESTRICTED / I.V. Specialist use only
Isoprenaline injection		RESTRICTED / I.V. Specialist use only
2.7.2 Vasoconstrictor Sympathomimetics		
Ephedrine Hydrochloride injection		RESTRICTED / I.V. Specialist use only
Metaraminol  injection		
Midodrine Green tablets	MMC	Specialist use Cardiology / Healthcare of the elderly
Noradrenaline acid tartrate infusion		RESTRICTED / I.V. Specialist use only
Phenylephrine Hydrochloride injection		RESTRICTED / I.V. Specialist use only
2.7.3 Cardiopulmonary Resuscitation		
Adrenaline / Epinephrine injection		

2.8 Anticoagulants & protamine		GMMG
2.8.1 Parenteral Anticoagulants		NICE CG92
ACD-A Anticoagulant Citrate Dextrose		RESTRICTED Specialist use only CRRT
solution	MMC BNF emc	
Dalteparin Sodium		1st line LMWH
injection	MMC BNF emc	
Epoprostenol	Red ££	RESTRICTED / V. Specialist use only
infusion	PbR X	
Heparin	BNF emc	See Heparin Infusion chart
injection; infusion	BNF emc	
Bivalirudin	Red	RESTRICTED adults. Cardiac Catheter Lab only.
infusion	NICE MMC BNF emc	
Fondaparinux Sodium	Green Red	RESTRICTED adults. Haematology Consultants only.
injection	MMC BNF emc	RESTRICTED Obs & Gynae; ACS & VTE in Renal impairment only. Paeds: haemodialysis
Tinzaparin Sodium	Green Red	
injection	MMC BNF emc	RESTRICTED ACS & VTE in Renal impairment only.
Enoxaparin Sodium	Green Red	
injection	MMC BNF emc	RESTRICTED adults. Treatment of HIT
Argatroban monohydrate		
infusion	MMC BNF emc	

2.8.2 Oral Anticoagulants

Acenocoumarol tablets	  	RESTRICTED warfarin intolerant patients only.
Phenindione tablets	  	
Warfarin Sodium tablets	  	Warfarin dosing chart
Dabigatran Etexilate Green capsules	    	RESTRICTED in line with NICE guidance
Idarucizumab Red Praxbind® infusion	   	RESTRICTED reversal of dabigatran in emergency surgery
Rivaroxaban Green tablets	    	RESTRICTED in line with NICE
Apixaban Green tablets	    	RESTRICTED in line with NICE
Edoxaban Green tablets	    	RESTRICTED in line with NICE
2.8.3 Protamine Sulfate		
Protamine Sulfate injection	  	

2.9 Antiplatelet drugs		GMMG	NICE CG94
Aspirin	tablets (dispersible & E/C); suppositories	 	
Clopidogrel	tablets	 	For ACS patients; stroke patients intolerant of aspirin; high-risk patients who've stroked on aspirin
Ticagrelor	Green tablets; orodispersible tablets	 	In combination with aspirin for primary PCI in ACS patients & in line with NICE TA420
Prasugrel	Green tablets	 	RESTRICTED adults. Cardiac Catheter Lab as per NICE
Dipyridamole	M/R capsules; oral suspension; tablets; injection	 	2 ^{RY} prevention of stroke in patients already on aspirin
Tirofiban	infusion	 	RESTRICTED adults. Cardiac Catheter Lab only (1 st line)
Eptifibatide	injection; infusion	 	RESTRICTED adult patients admitted on this or tirofiban

2.10 Stable angina, ACS & fibrinolysis		GMMG
<ul style="list-style-type: none"> • Stable angina (BNF treatment summary) • Acute coronary syndromes (BNF treatment summary) • Fibrinolytic Drugs (BNF treatment summary) 		NICE CG68
2.10.2 Fibrinolytic Drugs		NICE CG126
Tenecteplase	Red	
injection		NICE MMC BNF emc
Streptokinase	Red	
infusion		NICE BNF emc
Urokinase	Red	
injection		BNI emc
Alteplase	Red	
injection; infusion		NICE MMC BNF emc
		RESTRICTED

2.11 Antifibrinolytic drugs & haemostatics		GMMG
Etamsylate		
tablets	 	
Tranexamic acid	 	
injection; tablets	 	
Aprotinin		RESTRICTED
infusion	 	
Aminocaproic acid		RESTRICTED
sachets	  	
Emicizumab 		RESTRICTED Haematology as per NHSE
<i>Hemlibra®</i> injection	PbR X   	
Voncog alfa	  	RESTRICTED Haematology as per NHSE
<i>Veyondi®</i> injection	  	

2.12 Lipid-regulating drugs		GMMG
Statins		
Simvastatin		
tablets	NICE BNF emc	
Atorvastatin		1 st line use
tablets	NICE BNF emc	
Rosuvastatin		RESTRICTED Not stocked
tablets	NICE MMC BNF emc	
Pravastatin Sodium		RESTRICTED MCSH for cases with potential drug interactions
tablets	NICE BNF emc	
Bile Acid Sequestrants		
Colestyramine	Green	
sachets (see also section 1.9.2)		
Colesevelam Hydrochloride	Green	
tablets (see also section 1.9.2)	MMC BNF emc	RESTRICTED adults. Gastro & Lipid Clinic Consultants only
Fibrates		
Bezafibrate		1 st line use
M/R tablets; tablets	BNF emc	
Fenofibrate		2 nd line use
micronised capsules; micronised tablets	BNF emc	
Omega-3 fatty acid compounds		
Omega-3-acid ethyl esters	Green	
capsules	MMC BNF emc	2 ^{RY} prevention post MI.
Ezetimibe		
Ezetimibe		RESTRICTED adults. Lipid Clinic Consultants only
10mg tablets	NICE MMC BNF emc	
Lipid-regulating drugs		
Alirocumab	Red	RESTRICTED adults. Lipid Clinic Consultants in line with TA393
Praluent® injection	PbR X NICE MMC BNF emc	
Bempedoic acid	Green	RESTRICTED adults. Lipid Clinic Consultants in line with TA694
Nilemido® tablets	PbR X NICE MMC BNF emc	
Bempedoic acid	Green	RESTRICTED adults. Lipid Clinic Consultants in line with TA694
Nustendi® tablets	PbR X NICE MMC BNF emc	
Evolocumab	Red	RESTRICTED adults. Lipid Clinic Consultants for homozygous familial hypercholesterolemia / and use in line with TA394
Repatha® injection	PbR X NICE MMC BNF emc	
Lomitapide	Red ££	RESTRICTED adults. Lipid Clinic Consultants in line with NHSE 170059P
Lojuxta® capsules	PbR X MMC BNF emc	
Volanesorsen	Red	RESTRICTED adults. Lipid Clinic Consultants in line with EAMS only
Waylivra® injection	MMC emc	

2.13 Local sclerosants



Local Sclerosants

Ethanolamine Oleate

injection



Sodium Tetradecyl Sulfate

injection



2.14 Miscellaneous preparations		GMMG
Ajmaline  Gilurytmal® 50mg/10mL injection	 	RESTRICTED adults. Cardiology Consultant only
Dapagliflozin  tablets	   	RESTRICTED in line with NICE TA679
Regadenoson  Rapiscan® 400micrograms/5mL injection	   	RESTRICTED adults. Myocardial perfusion scans

Section 3: Respiratory System

Supported by the
formulary (click here)



3.1 Bronchodilators

- 3.1.1 Adrenoceptor Agonists
- 3.1.2 Antimuscarinic Bronchodilators
- 3.1.3 Theophylline
- 3.1.4 Compound Bronchodilator Preparations
- 3.1.5 Peak Flow Meters, Inhaler Devices & Nebulisers
 - Inhaler Devices
 - Nebuliser Diluent

3.2 Corticosteroids

- Compound preparations

3.3 Cromoglicate & related therapy & leukotriene receptor antagonists

- 3.3.1 Cromoglicate & Related Therapy
- 3.3.2 Leukotriene Receptor Antagonists
- 3.3.3 Phosphodiesterase type-4 inhibitors

3.4 Antihistamines, hyposensitisation & allergic emergencies

- 3.4.1 Antihistamines
- 3.4.2 Allergen Immunotherapy
- 3.4.3 Allergic Emergencies

3.5 Respiratory stimulants & pulmonary surfactants

- 3.5.1 Respiratory Stimulants
- 3.5.2 Pulmonary Surfactants

3.6 Oxygen (refer to oxygen guidelines)

3.7 Mucolytics

3.8 Aromatic inhalations

3.9 Cough preparations

- 3.9.1 Cough Suppressants
 - Cough Suppressants (Palliative Care ONLY)
- 3.9.2 Demulcent & expectorant cough preparations

3.10 Systemic Nasal Decongestants

3.11 Antifibrotics

Trust Guidelines

[Adult medicines and prescribing guidelines](#)
[Paediatric medicines and prescribing guidelines](#)
[Neonatal guidelines \(link to Staffnet site\)](#)
[Non-formulary Conversion Table](#)

NICE Guidance

[Chronic Obstructive Pulmonary Disease update \(CG101\)](#)
[Idiopathic pulmonary fibrosis \(CG163\)](#)
[Inhaler devices for children under 5 \(TA10\)](#)
[Asthma \(older children\) - inhaler devices \(TA38\)](#)
[Asthma \(in children\) - corticosteroids \(TA131\)](#)
[Asthma \(in adults\) - corticosteroids \(TA138\)](#)
[Venom anaphylaxis - immunotherapy pharmalgen \(TA246\)](#)
[Asthma \(severe, persistent, patients aged 6+, adults\) - omalizumab \(review of TA133, TA201\) \(TA278\)](#)
[Omalizumab for previously treated chronic spontaneous urticaria \(TA339\)](#)
[Roflumilast for treating chronic obstructive pulmonary disease \(replaces TA244\) \(TA461\)](#)
[Reslizumab for treating severe eosinophilic asthma \(TA479\)](#)
[Pirfenidone for treating idiopathic pulmonary fibrosis \(replaces TA282\) \(TA504\)](#)
[Benralizumab for treating severe eosinophilic asthma \(TA565\)](#)
[Lanadelumab for preventing recurrent attacks of hereditary angioedema \(TA606\)](#)
[Mepolizumab for treating severe eosinophilic asthma \(replacing TA431\) \(TA671\)](#)

GMMMG Formulary

[Formulary Homepage](#)
[Chapter 3: Respiratory system \(Complete\)](#)
[GMMMG Adult Red/Amber/Green; DNP and Grey Drug List](#)
[GMMMG Paediatric Red/Amber/Green Drug List](#)

3.1 Bronchodilators



3.1.1 Adrenoceptor agonists

3.1.1.1 Selective beta₂ agonists

Salbutamol

Red injection



MMC BNF emc

Terbutaline Sulfate

Red injection



BNF emc

Salmeterol



BNF emc

Formoterol Fumarate



MMC BNF emc

Asthma BTS step 3
add-on therapy

3.1.1.2 Other Adrenoceptor Agonists

Ephedrine Hydrochloride



BNF emc

3.1.2 Antimuscarinic Bronchodilators

Ipratropium Bromide



BNF emc

1st line use

Tiotropium



MMC BNF emc

2nd line use
COPD maintenance

Aclidinium Bromide



MMC BNF emc

2nd line use
COPD maintenance

Eklira Genuair®



MMC BNF emc

Glycopyrronium Bromide



MMC BNF emc

2nd line use
COPD maintenance

Seebri Breezhaler®



MMC BNF emc

Umeclidinium Bromide



MMC BNF emc

2nd line use
COPD maintenance

Incruse Ellipta®



MMC BNF emc

Aclidinium Bromide / Formoterol Fumarate Dihydrate

3rd line use
COPD maintenance

Duaklir Genuair®



MMC BNF emc

3.1.3 Theophylline

Theophylline



BNF emc

1st line use

M/R tablets; M/R capsules

PREScribe BY BRAND NAME

Aminophylline

Red injection



BNF emc

M/R tablets; injection

PREScribe BY BRAND NAME

3.1.4 Compound Bronchodilator Preparations



Ipratropium Bromide / Salbutamol



BNF emc

Combivent®

3rd line use
COPD maintenance

Indacaterol Maleate / Glycopyrronium Bromide



BNF emc

Ultibro®

3rd line use
COPD maintenance

Tiotropium Bromide Monohydrate / Olodaterol Hydrochloride



BNF emc

Spiolto Respimat®

3rd line use
COPD maintenance

Umeclidinium Bromide / Vilanterol Trifénatate



BNF emc

Anoro Ellipta®

3rd line use
COPD maintenance

3.1.5 Peak Flow Meters, Inhaler Devices & Nebulisers		GMMMG asthma inhaler guide
Inhaler Devices		GMMMG asthma management
Volumatic® (spacer inhaler)	NICE BNF	
Aerochamber® Plus (spacer device)	NICE BNF	
Able Spacer® (spacer device)	NICE MMC BNF	
Nebuliser Diluent		
Sodium Chloride		
0.9% nebuliser diluent	BNF emc	

3.2 Corticosteroids

Corticosteroids

Beclometasone Dipropionate

MDI (Clenil Modulite® 50, 100, 200, 250)

Beclometasone Dipropionate CFC-free (prescribe by brand name)



MDI (Qvar Easi-Breathe® or Qvar Autohaler® 50, 100)

Budesonide

DPI (Easyhaler®; Pulmicort® Turbohaler® 100, 200, 400)

500micrograms/2mL & 1mg/2mL nebuliser liquid

Fluticasone Propionate

MDI (FlixotideEvohaler®) 50, 125, 250;

DPI (FlixotideAccuhaler® 50,100, 250, 500)

Compound preparations

Budesonide / Formoterol fumarate

DPI (Symbicort Turbohaler® 100/6, 200/6, 400/12);

DPI (Duoresp Spiromax® 160/4.5, 320/9)

Beclometasone Dipropionate / Formoterol fumarate

MDI (Fostair®100/6, 200/6); DPI (Fostair NEXThaler® 100/6, 200/6)

Fluticasone Furoate / Vilanterol Trifénatate

DPI (Relvar Ellipta® 92/22 asthma or COPD; 184/22 asthma)

Fluticasone Propionate / Salmeterol

MDI (Sirdupla® 125, 250)

Fluticasone Propionate / Salmeterol

MDI (SeretideEvohaler® 50, 125, 250)

Fluticasone Propionate / Formoterol Fumarate

MDI (Flutiform® 50/5, 125/5, 250/10)

Beclometasone dipropionate / Formoterol fumarate / Glycopyrronium bromide

MDI (Trimbow® 87/5/9 micrograms)

Fluticasone Furoate / Vilanterol Trifénatate / Umeclidinium Bromide

DPI (Trelegy Ellipta® 92/55/22 micrograms)



GMMMG COPD mgmt pathway

Asthma BTS step 3 management



Asthma BTS step 3 management



Asthma BTS step 3 management



Asthma BTS step 3 management



Asthma BTS step 3 management



Asthma BTS step 3 management



Asthma BTS step 3 management



RESTRICTED - COPD patients who require triple therapy



RESTRICTED - COPD patients who require triple therapy

3.3 Cromoglicate & related therapy & leukotriene receptor antagonists	GMMG
3.3.1 Cromoglicate & Related Therapy	
Sodium Cromoglicate	
	 
3.3.2 Leukotriene Receptor Antagonists	
Montelukast	
tablets; chewable tablets; sachets	BTS step 2 or 3 in paediatrics
3.3.3 Phosphodiesterase type-4 inhibitors	
Roflumilast	 
tablets	RESTRICTED as per NICE TA461

3.4 Antihistamines, hyposensitisation & allergic emergencies



3.4.1 Antihistamines

Non-sedating antihistamines

Cetirizine Hydrochloride

tablets; oral solution

Loratadine

tablets; oral solution

Desloratadine

tablets; oral solution

Fexofenadine

tablets

Sedating antihistamines

Chlorphenamine Maleate

tablets; oral solution; injection

Hydroxyzine Hydrochloride

tablets; oral solution

Promethazine Hydrochloride

tablets; oral solution

Alimemazine Tartrate

tablets; oral solution

3.4.2 Allergen Immunotherapy

Bee venom extract

Red

injection

Wasp venom extract

Red

injection

Grass & Rye or tree pollen extract

Red

Pollinex®

Grass Pollen extract

DNP

Grazax® oral lyophilisates

Allergoid immunotherapy tablets



Lofarma Lais®

Omalizumab

Omalizumab

Red

££

injection

Anti-interleukin-5 (IL-5) antibody

Benralizumab

Red

££

injection

Mepolizumab

Red

££

injection

Reslizumab

Red

££

infusion

3.4.3 Allergic Emergencies

Adrenaline / Epinephrine

		PRESCRIBE BY BRAND NAME		
injection		 	BNF	emc
Berotralstat	Red  ££ 	PbR X	MMC	BNF 
Orladeyo® capsules			MMC	BNF 
C1 esterase inhibitor	Red  ££ 	PbR X	MMC	BNF 
Berinert®; Cinryze® injection		PbR X	MMC	BNF 
Conestat Alfa	Red  ££ 		MMC	BNF 
Ruconest® injection		PbR X	MMC	BNF 
Icatibant	Red  ££ 		MMC	BNF 
Firazyr® injection		PbR X	MMC	BNF 
Lanadelumab	Red  ££ 		MMC	BNF 
Takhzyro® injection		PbR X	NICE	MMC BNF 
Oxandrolone	 tablets		MMC	BNF 

3.5 Respiratory stimulants & pulmonary surfactants



3.5.1 Respiratory Stimulants

Doxapram Hydrochloride

injection

Caffeine Citrate



injection

3.5.2 Pulmonary Surfactants

3.3.2 Fullnames



RESTRICTED
apnoea in premature babies

3.3.2 Fullnames

Curosurf® liquid



PbR X

3.6 Oxygen (refer to oxygen guidelines)

 BNF
for children GMMG

3.7 Mucolytics



Mucolytics

Sodium Chloride (hypertonic)

Nebusal® 7% nebulles

Carbocisteine

capsules; oral solution; sachets

Dornase Alfa

Red

££

Pulmozyme® nebulles

PbR X

BNF emc

BNF emc

Ivacaftor

Red

££

Kalydeco® tablets; granules

PbR X

BNF emc

Lumacaftor with Ivacaftor

Red

££

Orkambi® tablets; granules

PbR X

BNF emc

Tezacaftor with Ivacaftor

Red

££

Symkevi® tablets

PbR X

BNF emc

Elexacaftor with Tezacaftor and Ivacaftor

Red

££

Kaftrio® tablets

PbR X

BNF emc

BNF **MMC** **emc**

BNF</b

3.8 Aromatic inhalations



Aromatic Inhalations

Benzoin Tincture, Compound, BP

Friars' Balsam liquid

Menthol and Eucalyptus Inhalation, BP 1980

inhalation vapour



3.9 Cough preparations



3.9.1 Cough Suppressants

Codeine Phosphate

oral solution

Pholcodine

oral solution

Dextromethorphan hydrobromide

oral solution

Cough Suppressants (*Palliative Care ONLY*)

Methadone Hydrochloride

liquid

Morphine Hydrochloride

oral solution

3.9.2 Demulcent & expectorant cough preparations

Simple Linctus

liquid

 BNF
for children

BNF
for children

for children
MMC **BNF** **emc**

RESTRICTED non-ketotic hyperglycinaemia

ANSWER

BNF emc

BNF emc

BNF
for children

3.10 Systemic nasal decongestants

Systemic Nasal Decongestants

Pseudoephedrine Hydrochloride

tablet; oral solution



emc



green cross



blue cross



orange cross



red cross



purple cross



yellow cross



pink cross



grey cross



white cross



black cross



brown cross



green cross



blue cross



orange cross



red cross



purple cross



yellow cross



pink cross



grey cross



white cross



black cross



brown cross



green cross



blue cross



orange cross



red cross



purple cross



yellow cross



pink cross



grey cross



white cross



black cross



brown cross



green cross



blue cross



orange cross



red cross



purple cross



yellow cross



pink cross



grey cross



white cross



black cross



brown cross



green cross



blue cross



orange cross



red cross



purple cross



yellow cross



pink cross



grey cross



white cross



black cross



brown cross



green cross



blue cross



orange cross



red cross



purple cross



yellow cross



pink cross



grey cross



white cross



black cross



brown cross



green cross



blue cross



orange cross



red cross



purple cross



yellow cross



pink cross



grey cross



white cross



black cross



brown cross



green cross



blue cross



orange cross



red cross



purple cross



yellow cross



pink cross



grey cross



white cross



black cross



brown cross



green cross



blue cross



orange cross



red cross



purple cross



yellow cross



pink cross



grey cross



white cross



black cross



brown cross



green cross



blue cross



orange cross



red cross



purple cross



yellow cross



pink cross



grey cross



white cross



black cross



brown cross



green cross



blue cross



orange cross



red cross



purple cross



yellow cross



pink cross



3.11 Antifibrotics

Antifibrotics

Pirfenidone



capsules; tablets

GMMG

**RESTRICTED
Respiratory Consultants only
NOT STOCKED**



Chapter 4: Central Nervous System

Supported by the
formulary (click here)



4.1 Hypnotics & anxiolytics

- 4.1.1 Hypnotics
- 4.1.2 Anxiolytics
- 4.1.3 Barbiturates

4.2 Drugs used in psychoses & related disorders

- 4.2.1 Antipsychotic Drugs
- 4.2.2 Antipsychotic Depot Injections
- 4.2.3 Drugs used for mania and hypomania

4.3 Antidepressant drugs

- 4.3.1 Tricyclic & Related Antidepressant Drugs
- 4.3.2 Monoamine-Oxidase Inhibitors (MAOIs)
- 4.3.3 Selective Serotonin Re-uptake Inhibitors (SSRIs)
- 4.3.4 Other Antidepressant Drugs

4.4 CNS stimulants & drugs used for ADHD

4.5 Drugs used in the treatment of obesity

4.6 Drugs used in nausea & vertigo

4.7 Analgesics

- 4.7.1 Non-Opioid Analgesics
- 4.7.2 Opioid Analgesics
- 4.7.3 Neuropathic Pain
- 4.7.4 Antimigraine Drugs

4.8 Antiepileptic drugs

- 4.8.1 Control of the Epilepsies
- 4.8.2 Drugs Used in Status Epilepticus

4.9 Drugs used in Parkinsonism & related disorders

- 4.9.1 Dopaminergic Drugs Used in Parkinsonism
- 4.9.2 Antimuscarinic Drugs Used in Parkinsonism
- 4.9.3 Drugs Used in Essential Tremor, Chorea, Tics & Related Disorders

4.10 Drugs used in substance dependence

4.11 Drugs for dementia

Trust Guidelines

Adult medicines and prescribing guidelines
 Paediatric medicines and prescribing guidelines
 Neonatal guidelines (link to Staffnet site)
[Non-formulary Conversion Table](#)

NICE Guidance

Post-traumatic Stress Disorder (CG26)
 Depression in Children & Young People (CG28)
 Obsessive compulsive disorder (OCD) & body dysmorphic disorder (BDD) (CG31)
 Management of Obesity (CG43) (replaces TA22, TA31 & TA46)
 Drug misuse: opioid detoxification (CG52)
 Management of Depression (CG90)
 Depression with a chronic physical health problem (CG91)
 Sedation in under 19s: using sedation for diagnostic and therapeutic procedures (CG112)
 Anxiety (CG113) (replaces CG22)
 Epilepsy (CG137)
 Neuropathic pain - pharmacological management (CG173)
 Psychosis and schizophrenia in adults (CG178)
 Bipolar disorder: the assessment and management in adults, children & young people in 1ry & 2ry care (CG185)
 Eating Disorders: recognition and treatment (NG69)
 Parkinson's disease in adults (NG71)
 Attention deficit hyperactivity disorder: diagnosis and management (NG87)
 Stop smoking interventions and services (NG92)
 Dementia: supporting people with dementia and their carers in health and social care (NG97)
 Motor Neurone Disease: Riluzole (TA20)
 Guidance on the use of zaleplon, zolpidem & zopiclone for short-term management of insomnia (TA77)
 Drug Misuse: Methadone & Buprenorphine (TA114)
 Drug Misuse: Naltrexone (TA115)
 Smoking Cessation: Varenicline (TA123)
 Schizophrenia - aripiprazole (TA213)
 Alzheimer's disease - donepezil, galantamine, rivastigmine & memantine (TA217) (replaces TA111)
 Botulinum toxin type A for the prevention of headaches in adults with chronic migraine (TA260)
 Bipolar disorder (children) - aripiprazole (TA292)
 Nalmefene for reducing alcohol consumption in people with alcohol dependence (TA325)
 Vortioxetine for treating major depressive episodes (TA367)
 Xeomin (botulinum neurotoxin type A) for treating chronic sialorrhoea (TA605)
 Cannabidiol with clobazam for treating seizures associated with Dravet syndrome (TA614)
 Cannabidiol with clobazam for treating seizures associated with Lennox–Gastaut syndrome (TA615)
 Fremanezumab for preventing migraine (TA631)
 Galcanezumab for preventing migraine (TA659)

GMMMG Formulary

[Formulary Homepage](#)
[Chapter 4: Central Nervous system \(Complete\)](#)
[GMMMG Adult Red/Amber/Green; DNP and Grey Drug List](#)
[GMMMG Paediatric Red/Amber/Green Drug List](#)

4.1 Hypnotics & anxiolytics

4.1.1 Hypnotics

Benzodiazepines

Temazepam



tablets; oral solution

Nitrazepam

tablets; oral suspension

Zaleplon, Zolpidem & Zopiclone

Zopiclone

tablets

Chloral & Derivatives

Chloral Hydrate

oral solution; suppositories

Clomethiazole

192mg capsules

Sodium Oxybate

Sodium Oxybate



oral solution



RESTRICTED

2nd line narcolepsy with cataplexy

Melatonin

Melatonin

capsules; tablets; oral solution

Melatonin (licensed product 1st line) - Paediatric patients, e.g. sleep disorders, ADHD



Melatonin (licensed product only) - Adult patients over 55yrs of age



4.1.2 Anxiolytics

Benzodiazepines

Chlordiazepoxide hydrochloride

capsules

Diazepam

tablets; liquid; injection; rectal tube

Lorazepam

tablets; injection

Oxazepam

tablets

Busiprone

Buspirone Hydrochloride

tablets

Others

Pregabalin



capsules; oral solution

4.1.3 Barbiturates

NO DRUGS ARE RECOMMENDED FROM THIS GROUP



Symptomatic relief of acute alcohol withdrawal



RESTRICTED generalised anxiety disorder after standard treatment following NICE has failed.



NICE CG12

4.2 Drugs used in psychoses & related disorders

GMMG

NICE CG178

4.2.1 Antipsychotic Drugs

Chlorpromazine Hydrochloride

Green

tablets; oral solution; injection

Haloperidol

Green

tablets; capsules; oral solution

Levomepromazine

Green

tablets

Promazine Hydrochloride

tablets; oral solution

Sulpiride

tablets; oral solution

Trifluoperazine

tablets; oral solution

Zuclopentixol

tablets

Atypical Antipsychotic Drugs

Amisulpride

Amber Red

tablets; oral solution

Aripiprazole

Amber Red

tablets; oral solution

Clozapine

Red

tablets

Olanzapine

Amber Red

tablets; orodispersible tablets; oral solution

Quetiapine

Amber Red

tablets; M/R tablets

Risperidone

Amber Red

tablets; orodispersible tablets; oral solution

4.2.2 Antipsychotic Depot Injections

Flupentixol Decanoate

Amber

injection

Fluphenazine Decanoate

Amber

injection

Haloperidol Decanoate

Amber

injection

Risperidone

Amber

injection

Zuclopentixol Decanoate

Amber

injection

MMC BNF emc

NICE MMC BNF emc

RESTRICTED adults.
Consultant Psychiatrist onlyRESTRICTED paediatrics.
Consultant Psychiatrist onlyRESTRICTED - Consultant initiation -
schizophrenia patientsRESTRICTED
Consultant Psychiatrist onlyRESTRICTED
Consultant Psychiatrist onlyRESTRICTED
Consultant Psychiatrist onlyRESTRICTED
Consultant Psychiatrist onlyRESTRICTED
Consultant Psychiatrist only

4.2.3 Drugs used for mania and hypomania

Lithium Carbonate

Amber

tablets; M/R tablets

Lithium Citrate

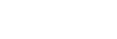
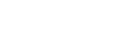
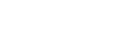
Amber

oral solution

Valproic Acid

Green

Gastro-resistant tablets

**PREScribe BY BRAND NAME****PREScribe BY BRAND NAME**

4.3 Antidepressant drugs		
4.3.1 Tricyclic & Related Antidepressant Drugs		NICE CG28
Tricyclic antidepressants		NICE CG31
Amitriptyline Hydrochloride (standard release preparations only)		NICE CG90
tablets; oral solution	 	NICE CG91
Clomipramine Hydrochloride (standard release preparations only)	 	
capsules	 	
Doxepin Hydrochloride		
capsules	 	
Imipramine Hydrochloride		
tablets	 	
Lofepramine		1st line use
tablets; oral suspension	 	
Nortriptyline		
tablets	 	
Trimipramine		
tablets; capsules	 	
Tricyclic-related antidepressants		
Mianserin Hydrochloride		RESTRICTED initiation by Psychiatrist
tablets	 	
Trazodone Hydrochloride		RESTRICTED initiation by Psychiatrist
capsules; tablets; oral solution	 	
4.3.2 Monoamine-Oxidase Inhibitors (MAOIs)		
Isocarboxazid		RESTRICTED initiation by Psychiatrist
tablets	 	
Phenelzine		RESTRICTED initiation by Psychiatrist
15mg tablets	 	
Tranylcypromine		RESTRICTED initiation by Psychiatrist
10mg tablets	 	
Reversible Monoamine-Oxidase Inhibitors (MAOIs)		
Moclobemide		RESTRICTED 2nd line initiation by Psychiatrist
150mg; 300mg tablets	 	
4.3.3 Selective Serotonin Re-uptake Inhibitors (SSRIs)		
Fluoxetine		
capsules; tablets; dispersible tablets; oral solution	 	
Citalopram		
tablets; oral drops	 	
Sertraline		
tablets; oral suspension	 	
Fluvoxamine maleate		
tablets	 	
Paroxetine		
tablets; oral suspension	 	
Escitalopram		RESTRICTED Mental Health Trust initiation only
tablets	 	

4.3.4 Other Antidepressant Drugs

Venlafaxine			RESTRICTED initiation by Psychiatrist
M/R capsules; tablets; M/R tablets			
Mirtazapine			RESTRICTED initiation by Psychiatrist
tablets; orodispersible tablets; oral solution			
Duloxetine			RESTRICTED initiation by Psychiatrist
gastro-resistant tablets			
Flupentixol			RESTRICTED initiation by Psychiatrist
tablets			
Reboxetine			RESTRICTED initiation by Psychiatrist
tablets			
Tryptophan			RESTRICTED initiation by Psychiatrist
capsules			
Vortioxetine			RESTRICTED initiation by Psychiatrist
tablets			

4.4 CNS stimulants & drugs used for ADHD

4.4 CNS stimulants & drugs used for ADHD

Atomoxetine

Amber

capsules

Dexamfetamine

Amber



tablets

Lisdexamfetamine

Amber



capsules

Methylphenidate

Amber



tablets; M/R tablets; capsules; M/R capsules

Modafinil

Amber Narcolepsy

Red

Postural hypotension/sleep apnoea

tablets



GMMG

NICE NG87

RESTRICTED

on Paediatric / Psychiatric advice

RESTRICTED

on Paediatric / Psychiatric advice

RESTRICTED

2nd line use for ADHD

RESTRICTED

on Paediatric / Psychiatric advice

PRESCRIBE BY BRAND NAME

RESTRICTED

on Paediatric / Psychiatric advice

4.5 Drugs used in the treatment of obesity		GMMG
4.5.1 Anti-Obesity Drugs Acting on the Gastro-Intestinal Tract		NICE CG43
Orlistat capsules		RESTRICTED Consultant initiation - Paeds. only
	   	

4.6 Drugs used in nausea & vertigo



Antihistamines

Cyclizine

tablets; injection

Promethazine Hydrochloride

tablets; oral solution (see also section 3.4.1)

Promethazine Teoclate

tablets

Phenothiazines & Related Drugs

Prochlorperazine

tablets; buccal tablet; injection

Droperidol

injection

Domperidone & Metoclopramide

Domperidone

tablets; oral suspension (see also section 1.2)

Metoclopramide Hydrochloride

tablets; oral suspension; injection (see also section 1.2)

5HT₃-receptor antagonists

Ondansetron

Red Green

tablets; orodispersible tablets; injection; oral solution; orodispersible film

Ondansetron - post operatively and following chemotherapy

Ondansetron - for exceptional use in non-oncology patients with chronic emesis following consultant recommendation and where all other options have failed

Neurokinin 1-receptor antagonist

Aprepitant

80mg; 125mg capsules; 25mg/mL oral suspension

Hyoscine

Hyoscine Hydrobromide

patches; tablets (for Hyoscine Butylbromide see section 1.2)

Other Drugs for Ménière's Disease

Betahistine Dihydrochloride

tablets



1st line use

RESTRICTED

Consultant initiation only for PONV



RESTRICTED - Chemotherapy induced & post-op vomiting

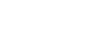
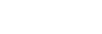
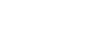
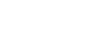
Red

Green

RESTRICTED - highly/moderately emetogenic chemotherapy induced nausea & vomiting

Red

Green



4.7 Analgesics

4.7.1 Non-Opioid Analgesics

Paracetamol

tablets; soluble tablets; infusion; injection; oral suspension; suppositories

Sucrose 24% solution

Sweet-Ease® oral solution

Compound Analgesic Preparations

Co-Codamol

tablets; effervescent tablets

Co-Dydramol

tablets

4.7.2 Opioid Analgesics

Codeine Phosphate

tablets; syrup; injection

Tramadol Hydrochloride



capsules; M/R capsules; tablets; M/R tablets; soluble tablets; injection

Dihydrocodeine Tartrate **standard release preparations only**

tablets

Morphine Sulphate



tablets; M/R tablets; capsules; M/R capsules; oral solution; injection

Diamorphine Hydrochloride



injection

Oxycodone Hydrochloride



capsules; liquid; tablets; M/R tablets; injection

Pethidine Hydrochloride



injection; tablets

Fentanyl



NOT lozenge

Buprenorphine



NOT patch

Methadone Hydrochloride



oral solution

Tapentadol Hydrochloride MR



tablets

4.7.3 Neuropathic Pain

Amitriptyline

tablets; oral solution

Carbamazepine

Green

tablets; M/R tablets; oral solution; suppositories

Gabapentin

Green

capsules; oral suspension

Pregabalin

Green



capsules; oral solution



(see also Chapter 10 for NSAIDs)

1st line use

RESTRICTED
Pain relief in neonates



4.7.2 Opioid Analgesics

Codeine Phosphate

tablets; syrup; injection

Tramadol Hydrochloride



capsules; M/R capsules; tablets; M/R tablets; soluble tablets; injection

Dihydrocodeine Tartrate **standard release preparations only**

tablets

Morphine Sulphate



tablets; M/R tablets; capsules; M/R capsules; oral solution; injection

Diamorphine Hydrochloride



injection

Oxycodone Hydrochloride



capsules; liquid; tablets; M/R tablets; injection

Pethidine Hydrochloride



injection; tablets

Fentanyl

**NOT lozenge** Spray **RESTRICTED** palliative care & haematology initiation (Wd44)**RESTRICTED**

Buprenorphine



NOT patch

Methadone Hydrochloride



oral solution

Tapentadol Hydrochloride MR

**RESTRICTED** 3rd line - Pain Team Consultants only**RESTRICTED** palliative care & substance misuse

Amitriptyline



tablets; oral solution

Carbamazepine

Green

tablets; M/R tablets; oral solution; suppositories

Gabapentin

Green



capsules; oral suspension

Pregabalin

Green



capsules; oral solution

3rd / 4th line use if gabapentin contraindicated or not tolerated

4.7.4 Antimigraine Drugs**4.7.4.1 Treatment Of Acute Migraine****Analgesics**

Aspirin

tablets; dispersible tablets; E/C tablets; suppositories



Paracetamol

tablets; soluble tablets; oral suspension; infusion; suppositories



Ibuprofen

tablets; M/R tablets; oral suspension; sachets

**5HT₁-receptor agonists**

Sumatriptan

tablets; nasal spray; injection

**4.7.4.2 Prophylaxis of Migraine**

Clonidine Hydrochloride

tablets



Erenumab



RESTRICTED
Specialist use only

injection

Fremanezumab



NOT STOCKED

injection

Galcanezumab



RESTRICTED
Specialist use only
NOT STOCKED

injection

Pizotifen

tablets



RESTRICTED
Specialist use only
NOT STOCKED

4.8 Antiepileptic drugs		Green	GMMG
4.8.1 Control of the Epilepsies			NICE CG137
Carbamazepine	Green		
tablets; M/R tablets; oral solution; suppositories		NICE BNF emc	
Phenobarbital	Green CD		
tablets; oral solution; injection		NICE BNF emc	
Phenytoin Sodium	Green		
capsules; oral suspension; injection		NICE BNF emc	
Sodium Valproate	Green		
tablets; M/R tablets; oral solution; M/R granules; injection		NICE BNF emc	MHRA
Clobazam	Green		
tablets; oral suspension		NICE BNF emc	RESTRICTED Specialist use only
Clonazepam	Green		
tablets; oral solution; injection		NICE BNF emc	RESTRICTED Specialist use only
Ethosuximide	Green		
capsules; oral solution		NICE BNF emc	RESTRICTED Paediatrics only
Gabapentin	Green CD		
capsules; oral suspension		NICE BNF emc	RESTRICTED Specialist use only
Lacosamide	Green		
tablets; oral solution; infusion		NICE MMC BNF emc	RESTRICTED Specialist use only
Lamotrigine	Green		
tablets; dispersible tablets		NICE BNF emc	RESTRICTED Specialist use only
Levetiracetam	Green		
tablets; oral solution; infusion; granules		NICE MMC BNF emc	RESTRICTED Specialist use only
Oxcarbazepine	Green		
tablets; oral suspension		NICE BNF emc	RESTRICTED Specialist use only
Perampanel	Green		
tablets; oral suspension		MMC BNF emc	RESTRICTED Specialist use only
Pregabalin	Green CD		
capsules; oral solution		NICE MMC BNF emc	RESTRICTED Specialist use only
Primidone	Green		
tablets		BNF emc	RESTRICTED Specialist use only
Rufinamide	Green		
tablets		NICE MMC BNF emc	RESTRICTED Specialist use only Lennox-Gastaut Syndrome
Stiripentol	Red		
capsules; sachets		NICE MMC BNF emc	RESTRICTED Specialist use only
Topiramate	Green		
tablets; capsules		NICE MMC BNF emc	RESTRICTED Specialist use only
Vigabatrin	Red		
tablets; sachets		NICE BNF emc	RESTRICTED Specialist use only
Zonisamide	Green		
capsules		NICE MMC BNF emc	RESTRICTED Specialist use only
Cannabidiol (CBD)	Red CD		
Epidyolex®		NICE MMC BNF emc	RESTRICTED Specialist use only in line with NICE

4.8.2 Drugs Used in Status Epilepticus

Lorazepam

tablets; injection



Diazepam

tablets; liquid; injection; rectal tube



Clonazepam

Green

tablets; oral solution; injection



Midazolam

Green



oromucosal solution; injection; infusion



Paraldehyde

injection; rectal solution



Phenytoin Sodium

Green

capsules; oral suspension; injection



Sulthiame



Ospolot® 50mg tablets



RESTRICTED
Consultant Neurologist use only

4.9 Drugs used in Parkinsonism & related disorders		GMMG
4.9.1 Dopaminergic Drugs Used in Parkinsonism		NICE NG71
Amantadine Hydrochloride	Green	RESTRICTED Specialist use only
capsules; oral solution		BNF emc
Apomorphine Hydrochloride	Amber	RESTRICTED Specialist use only
injection; infusion		BNF emc
Cabergoline	Green	RESTRICTED Specialist use only
tablets		MMC BNF emc
Co-beneldopa	Green	RESTRICTED Specialist use only
capsules; M/R capsules; dispersible tablets		BNF emc
Co-careldopa	Green	RESTRICTED Specialist use only
tablets; M/R tablets		PbR X NICE BNF emc
Entacapone	Green	RESTRICTED Specialist use only
tablets		MMC BNF emc
Opicapone	Green	RESTRICTED 2nd line Specialist use only
capsules		MMC BNF emc
Pramipexole	Green	RESTRICTED 3rd line add-on use Specialist use only
tablets; M/R tablets		MMC BNF emc
Rasagiline	Green	RESTRICTED patients with end of dose fluctuations
tablets		MMC BNF emc
Ropinirole	Green	RESTRICTED Specialist use only
tablets; M/R tablets		BNF emc
Rotigotine	Green	RESTRICTED Specialist use only. NBM patients
transdermal patches		NICE MMC BNF emc
Safinamide	Green	RESTRICTED Specialist use only
tablets		MMC BNF emc
Selegiline	Green	RESTRICTED Specialist use only
tablets		BNF emc
4.9.2 Antimuscarinic Drugs Used in Parkinsonism		
Orphenadrine Hydrochloride		
oral solution		BNF emc
Procyclidine (Oral & IM)		
tablets; oral solution; injection		BNF emc
Trihexyphenidyl Hydrochloride (Benzhexol Hydrochloride)		
tablet; syrup		BNF emc

4.9.3 Drugs Used in Essential Tremor, Chorea, Tics & Related Disorders

Propranolol

tablets; M/R capsules; oral solution; injection



Haloperidol

Green

tablets; capsules; oral solution

Piracetam

tablets; oral solution

Tetrabenazine

tablets

Torsion Dystonias & Other Involuntary Movements

Botulinum Toxin Type A

Red

injection



RESTRICTED
Specialist use only



RESTRICTED
Specialist use only



RESTRICTED
Specialist use only



RESTRICTED
Specialist use only



RESTRICTED
Specialist use only

4.10 Drugs used in substance dependence



4.10.1 Alcohol dependence

Nalmefene

Green



MMC

BNF

emc

RESTRICTED - Specialist use only in line with NICE TA325

NOT STOCKED**NICE NG92**

4.10.2 Nicotine dependence

Nicotine Replacement Therapy

1st line use

patches, lozenges, inhalator, microtabs



BNF

emc

Bupropion Hydrochloride

tablets

Varenicline

4.10.3 Opioid Dependence

Buprenorphine

Green



sublingual tablets

Methadone Hydrochloride



oral solution

Naltrexone Hydrochloride

Red

Amber

tablets



BNF

emc



BNF

emc



BNF

emc

NICE CG52

RESTRICTED Initiation by substance misuse specialist

RESTRICTED Initiation by substance misuse specialist

RESTRICTED
Gastro Consultant - cholestatic itch

4.11 Drugs for dementia

4.11 Drugs for Dementia

Donepezil Hydrochloride

Green

tablets; orodispersible tablets

Galantamine

Green

M/R capsules; tablets

Memantine Hydrochloride

Green

tablets; oral solution

Rivastigmine

Green

capsules; oral solution; transdermal patches

Dementia - as per NICE TA217 & CG42 Green (following specialist initiation)

Green

GMMG

NICE NG97

RESTRICTED
Specialist use only

NICE MMC BNF emc

BNF
for children

NICE BNF emc

BNF
for children

NICE BNF emc

BNF
for children

NICE MMC BNF emc

BNF
for children

NICE MMC BNF emc

BNF
for childrenRESTRICTED
Specialist use onlyRESTRICTED
Specialist use only

Section 5: Infections

Supported by the
formulary (click here)



5.1 Antibacterial drugs

- 5.1.1 Penicillins
- 5.1.2 Cephalosporins, Carbapenems & other Beta-Lactams
- 5.1.3 Tetracyclines
- 5.1.4 Aminoglycosides
- 5.1.5 Macrolides
- 5.1.6 Clindamycin
- 5.1.7 Some other Antibacterials
- 5.1.8 Sulphonamides & Trimethoprim
- 5.1.9 Antituberculosis Drugs
- 5.1.10 Antileprotic Drugs
- 5.1.11 Metronidazole & Tinidazole
- 5.1.12 Quinolones
- 5.1.13 Urinary-tract Infections

5.2 Antifungal drugs

- 5.2.1 Triazole Antifungals
- 5.2.3 Polyene Antifungals
- 5.2.4 Echinocandin Antifungals
- 5.2.5 Other Antifungals

5.3 Antiviral drugs

- 5.3.1 HIV Infection
- 5.3.2 Herpesvirus Infection
- 5.3.3 Viral Hepatitis
- 5.3.4 Influenza
- 5.3.5 Respiratory Syncytial Virus (RSV)

5.4 Antiprotozoal drugs

- 5.4.1 Antimalarials
- 5.4.2 Amoebicides
- 5.4.3 Trichomonacides
- 5.4.4 Antigiardial drugs
- 5.4.5 Leishmaniacides
- 5.4.7 Drugs for toxoplasmosis
- 5.4.8 Drugs for pneumocystis pneumonia

5.5 Anthelmintics

- 5.5.1 Drugs for Threadworms (pinworms, Enterobius vermicularis)
- 5.5.5 Schistosomicides (bilharziasis)

Trust Guidelines

[Adult medicines and prescribing guidelines](#)
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[Neonatal guidelines \(link to Staffnet site\)](#)
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NICE Guidance

[Prophylaxis against infective endocarditis \(CG64\)](#)
[Respiratory Tract Infections \(CG69\)](#)
[Surgical Site Infection \(CG74\)](#)
[Bacterial meningitis and meningococcal septicaemia \(CG102\)](#)
[Infection: Prevention & control of healthcare-associated infections in primary & community care \(CG139\)](#)
[Hepatitis B \(Chronic\) \(CG165\)](#)
[Tuberculosis \(NG33\)](#)
[Otitis media \(acute\): antimicrobial prescribing \(NG91\)](#)
[Hepatitis C: Chronic \(TA75\) \(extended by TA106 - partially updated by TA200 & TA300\)](#)
[Hepatitis B: Chronic \(TA96\) \(partially updated by CG165\)](#)
[Hepatitis C: Peginterferon & Ribavirin \(TA106\) \(partially updated by TA200 & TA300\)](#)
[Hepatitis B: Entecavir \(TA153\)](#)
[Hepatitis B: Telbivudine \(TA154\)](#)
[Oseltamivir, Amantadine & Zanamivir for prophylaxis of Influenza \(TA158\)](#)
[Oseltamivir, Amantadine & Zanamivir for treatment of Influenza \(TA168\)](#)
[Hepatitis B: Tenofovir disoproxil \(TA173\)](#)
[Hepatitis C - peginterferon alfa and ribavirin \(TA200\) \(read in conjunction with TA75 & TA106\)](#)
[Cystic fibrosis \(pseudomonas lung infection\) - colistimethate sodium and tobramycin \(TA276\)](#)
[Hepatitis C \(children and young people\) - peginterferon alfa & ribavirin \(TA300\)](#)
[Sofosbuvir for treating chronic hepatitis C \(TA330\)](#)
[Rifaximin for preventing episodes of overt hepatic encephalopathy \(TA337\)](#)
[Ledipasvir-sofosbuvir for treating chronic hepatitis C \(TA363\)](#)
[Ombitasvir-paritaprevir-ritonavir with or without dasabuvir for treating chronic hepatitis C \(TA365\)](#)
[Elbasvir-grazoprevir for treating chronic hepatitis C \(TA413\)](#)
[Sofosbuvir-velpatasvir for treating chronic hepatitis C \(TA430\)](#)
[Glecaprevir-pibrentasvir for treating chronic hepatitis C \(TA499\)](#)
[Sofosbuvir-velpatasvir-voxilaprevir for treating chronic hepatitis C \(TA507\)](#)
[Letermovir for preventing cytomegalovirus disease after a stem cell transplant \(TA591\)](#)

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[GMMMG Adult Red/Amber/Green; DNP and Grey Drug List](#)
[GMMMG Paediatric Red/Amber/Green Drug List](#)

RESTRICTED USE ANTIBIOTICS

1. Must be recommended / approved for use by consultant medical microbiologist

2. The name of the microbiologist must be documented on the prescription chart. The indication must be documented.

3. Only available from Pharmacy

RESERVED USE ANTIBIOTICS

1. Can be used only in accordance with the restrictions outlined below.

2. Indication must be clearly documented on the prescription chart.

3. If being used outside of guidelines Microbiology approval must be sought as above.

UNRESTRICTED USE ANTIBIOTICS

1. Can be used according to CMFT Trust guidelines, (those drugs not marked Restricted or Reserved)

5.1 Antibacterial drugs**5.1.1 Penicillins****5.1.1.1 Benzylpenicillin & Phenoxycephalothin**

Benzylpenicillin Sodium (Penicillin G)

600mg injection

Phenoxycephalothin (Penicillin V)

tablets

Benzathine Benzylpenicillin

**5.1.1.2 Penicillinase-Resistant Penicillins**

Flucloxacillin

capsules; injection; oral solution

Temocillin

1g injection

5.1.1.3 Broad Spectrum Penicillins

Amoxicillin

capsules; oral suspension; injection

Co-amoxiclav

tablets; oral suspension; injection

5.1.1.4 Antipseudomonal Penicillins

Piperacillin with Tazobactam

injection

Ticarcillin with Clavulanic Acid

Timenit® 3.2g injection

5.1.1.5 Mecillinams

Pivmecillinam Hydrochloride

200mg tablets

5.1.2 Cephalosporins, Carbapenems & other Beta-Lactams**5.1.2.1 Cephalosporins**

Cefalexin

capsules; tablets; oral suspension

Cefazolin

injection

Cefotaxime

injection

Ceftriaxone

injection

Cefuroxime

injection



RESTRICTED
unlicensed treatment for syphilis

RESTRICTED infection caused by
multi-resistant coliforms.
Micro only

RESERVED
serious / resistant infections

RESERVED
serious / resistant infections

RESTRICTED UTIs caused by resistant
coliforms

RESTRICTED
on Micro. advice only

RESERVED
as per guidelines for children

RESERVED
as per guidelines for children

RESERVED
as per guidelines for children

Cefixime						RESERVED GU infections only
tablets						
Ceftazidime						RESERVED pseudomonas infection in CF
injection						
Cetazidime / Avibactam						RESTRICTED gram negative organisms
Zavicefta® infusion						Micro. Consultant only
Ceftolozane sulfate / Tazobactam sodium						RESTRICTED gram negative organisms
Zerbaxa® infusion						Micro. Consultant only
Ceftaroline Fosamil						RESERVED CAP & cSSTI treatment.
Zinforo® infusion						Micro. Consultant only
Cefoxitin						RESERVED for treatment of mycobacterium abscessus in CF.
injection						Micro. Consultant only
5.1.2.2 Carbapenems						
Ertapenem						RESTRICTED Outpatient therapy only
infusion						
Imipenem with Cilastatin						RESTRICTED Non-Tuberculous Mycobacteria in CF
infusion						
Imipenem / Cilastatin / Relebactam	££					RESTRICTED
Recarbrio® infusion						Micro. Consultant only
Meropenem						RESERVED as per guidelines
injection						
Meropenem with Vaboractam						RESTRICTED
Vaborem® infusion						Micro. Consultant only
5.1.2.3 Other Beta-Lactam antibiotics						
Aztreonam						RESTRICTED gram negative organisms
injection						
Aztreonam lysine	Red ££					RESTRICTED 3rd line CF patients with chronic pulmonary infection
Cayston® nebuliser solution						
5.1.3 Tetracyclines						
Doxycycline						
capsules; tablets; dispersible tablets						
Oxytetracycline						
tablets						
Demeclocycline Hydrochloride						RESTRICTED SIADH only
capsules						
Lymecycline						RESTRICTED Non-Formulary
capsules						MMC approved for GP referral
Minocycline						
capsules; tablets						
Tigecycline						RESERVED as per guidelines
infusion						

5.1.4 Aminoglycosides		 MHRA RESERVED as per guidelines
Amikacin		
injection	PbR X	   
Gentamicin		  
injection (see assay guidelines)		  
Tobramycin	Amber Red ££	   
injection; inhalation powder; nebuliser liquid		   
Neomycin Sulfate	oral solution	  
5.1.5 Macrolides		  
Clarithromycin	tablets; oral suspension; infusion	  
Azithromycin	tablets; oral suspension	  
Erythromycin	tablets; oral suspension; injection	  
5.1.6 Clindamycin		  
Clindamycin	capsules; oral suspension; injection; 2% vaginal cream	  
5.1.7 Some other Antibacterials		
Chloramphenicol	capsules; injection	  
Dalbavancin	Dalbavancin	  
500mg infusion		  
Fidaxomicin		  
Fidaxomicin	Green ££	  
200mg tablets		  
Fusidic Acid		
Sodium Fusidate	Green	  
tablets; oral suspension; 2% cream		  
Glycopeptides		
Vancomycin	Green	
injection; capsules; oral suspension (see assay guidelines)		  
Teicoplanin	injection	  
Daptomycin		  
Daptomycin	Red	
infusion		  
Linezolid		
Linezolid	Red	  
tablets; infusion		  
Quinupristin with Dalfopristin		
Synercid®		  
injection		  
Polymyxins		
Colistimethate Sodium	Amber or Red	
injection		   

Rifaximin	Rifaximin Green 550mg tablets	NICE MMC BNF emc	RESTRICTED as per guidelines
Spectinomycin	Spectinomycin U Kirin® injection	NICE MMC emc	RESTRICTED cephalosporin resistant gonorrhoea
Taurolidine	Taurolidine citrate 4% TauroLock® 4% ampoules	MMC emc	RESTRICTED as per CVC guidelines
5.1.8 Sulphonamides & Trimethoprim			
Trimethoprim			
tablets; oral suspension		BNF emc	
Co-trimoxazole	Green tablets; oral suspension; infusion	BNF emc	RESERVED as per guidelines
Sulfadiazine	tablets	BNF emc	RESTRICTED
5.1.9 Antituberculosis Drugs			
Bedaquiline	Red until patient stabilised then Green	NICE	NICE NG33
U tablets	PbR X	MMC BNF emc blueteq	RESTRICTED MDR TB only
Ethambutol Hydrochloride	Green tablets	NICE MMC BNF emc	
Isoniazid	Green tablets; oral solution; injection	NICE MMC BNF emc	
Prothionamide	U tablets	MMC BNF emc	RESTRICTED MDR TB only
Pyrazinamide	Green tablets	NICE BNF emc	
Rifampicin	Green capsules; oral solution; infusion	NICE BNF emc	
Rifabutin	Green capsules	BNF emc	2nd line where rifampicin not suitable
Rifater®	Green Rifampicin / Isoniazid / Pyrazinamide tablets	NICE BNF emc	
Rifinah®	Green Rifampicin / Isoniazid tablets	NICE BNF emc	
Voractiv®	Green Rifampicin / Isoniazid / Pyrazinamide / Ethambutol Hydrochloride tablets	MMC BNF emc	
Capreomycin	injection	NICE BNF emc	RESTRICTED MDR TB only Not stocked
Cycloserine		BNF emc	RESTRICTED MDR TB only Not stocked
Delamanid	££ tablets	MMC BNF emc	RESTRICTED MDR TB only
Streptomycin	Red injection	NICE BNF emc	RESTRICTED MDR TB only Not stocked

Moxifloxacin		RESTRICTED
tablets; injection	NICE MMC BNF emc	
Para aminosalicylic acid (PAS)	BNF MMC emc	RESTRICTED MDR TB only Not stocked
granules	PbR X MMC BNF emc	
5.1.10 Antitubercular Drugs		
Clofazimine	MMC BNF emc	RESTRICTED MDR TB only
 capsules		
Dapsone	Green MMC BNF emc	RESERVED
tablets	BNF MMC emc	
5.1.11 Metronidazole & Tinidazole		
Metronidazole	BNF MMC emc	
tablets; oral suspension; infusion; suppositories; vaginal gel	BNF MMC emc	
Tinidazole	BNF MMC emc	RESTRICTED
tablets	BNF emc	
5.1.12 Quinolones		
Ciprofloxacin	BNF emc	RESERVED as per guidelines
tablets; oral suspension; infusion (see also sections 11.3.1 & 12.1.1)	BNF emc	
Levofloxacin	BNF MMC emc	RESTRICTED MDR TB only Not stocked
tablets; infusion (see also section 11.3.1)	BNF MMC emc	
Moxifloxacin	BNF MMC emc	RESTRICTED MDR TB only
tablets; infusion	BNF MMC emc	
Nalidixic acid	BNF emc	RESTRICTED Urology use in children only
tablets	BNF emc	
Ofloxacin	BNF emc	RESTRICTED GU infections only
tablets (see also section 11.3.1)	BNF emc	
5.1.13 Urinary-tract Infections		
Nitrofurantoin	BNF emc	
M/R capsules; capsules; tablets	BNF emc	
Fosfomycin	BNF emc	RESTRICTED Micro recommendation only
sachets; infusion	BNF MMC emc	
Methenamine Hippurate	BNF MMC emc	RESTRICTED Urology Consultants only as part of ALTAR trial
tablets	BNF MMC emc	

5.2 Antifungal drugs



5.2.1 Triazole Antifungals

Fluconazole

capsules; infusion; oral suspension.

Isavuconazole

capsules; infusion

Itraconazole

capsules; oral solution; infusion

Posaconazole

Red ££

G/R tablets; oral suspension; infusion

Voriconazole

Red ££

tablets; oral suspension; infusion

5.2.3 Polyene Antifungals

Nystatin

100,000 units/mL oral suspension

Amphotericin

££

AmBisome® infusion (systemic use); Fungizone® cream - topical ONLY

5.2.4 Echinocandin Antifungals

Anidulafungin

Red ££

Ecalta® infusion

Micafungin

Red ££

Mycamine® infusion

5.2.5 Other Antifungals

Griseofulvin

tablets

Terbinafine

tablets

Flucytosine

infusion



PbR X

MMC

BNF

emc



PbR X

MMC

BNF

emc



PbR X

MMC

BNF

emc

RESTRICTED

micro / specialist use only

RESTRICTED

micro use only

RESTRICTED

micro / specialist use only

RESTRICTED

micro / specialist use only

1st line RESTRICTED

micro / specialist use only

RESTRICTED

micro / specialist use only

2nd line

following topical therapy

2nd line

following topical therapy

RESTRICTED

micro / Neonates only



5.3 Antiviral drugs		GMMG			
Remdesivir Red ££		BNF for children			
Veklury® infusion Red		PbR X	NICE	MMC	BNF emc
5.3.1 HIV Infection Red		NHSE interim CCP			
Nucleoside Reverse Transcriptase Inhibitors (NRTIs)		BHIVA treatment guidelines (2016)			
Abacavir Red ££		CHIVA PEP 2017			
tablets; oral solution Red ££		PbR X	BNF for children	MMC	BNF emc
Bictegravir / Emtricitabine / Tenofovir Alafenamide Red ££		PbR X	BNF for children	MMC	BNF emc
Biktarvy® tablets Red ££		PbR X	BNF for children	MMC	BNF emc
Emtricitabine Red ££		PbR X	BNF for children	MMC	BNF emc
capsules Red ££		PbR X	BNF for children	MMC	BNF emc
Lamivudine Red ££		PbR X	BNF for children	BNF	emc
tablets; oral solution Red ££		PbR X	BNF for children	BNF	emc
Tenofovir Disoproxil Red ££		PbR X	NICE	MMC	BNF emc
tablets; granules Red ££		PbR X	NICE	MMC	BNF emc
Tenofovir Alafenamide Red ££		RESTRICTED patients requiring new formulation			
Descovy® / Odefsey® / Genvoya® tablets Red ££		PbR X	BNF for children	MMC	BNF emc
Tenofovir Disoproxil / Efavirenz / Emtricitabine Red ££		NHSE			
Atripla® tablets Red ££		PbR X	BNF for children	MMC	BNF emc
Tenofovir / Cobicistat / Elvitegravir / Emtricitabine Red ££		PbR X	BNF for children	MMC	BNF emc
Stribild® tablets Red ££		PbR X	BNF for children	MMC	BNF emc
Tenofovir / Emtricitabine Red ££		PbR X	BNF for children	MMC	BNF emc
Truvada® tablets Red ££		PbR X	BNF for children	MMC	BNF emc
Emtricitabine / Rilpivirine / Tenofovir Red ££		PbR X	BNF for children	MMC	BNF emc
Eviplera® tablets Red ££		PbR X	BNF for children	MMC	BNF emc
Zidovudine / Lamivudine Red ££		PbR X	BNF for children	MMC	BNF emc
Combivir® tablets Red ££		PbR X	BNF for children	BNF	emc
Didanosine Red ££		PbR X	BNF for children	MMC	BNF emc
Videx® capsules (to be DISCONTINUED Q1 2020) Red ££		PbR X	BNF for children	MMC	BNF emc
Stavudine Red ££		PbR X	BNF for children	MMC	BNF emc
Zerit® capsules (to be DISCONTINUED Q1 2020) Red ££		PbR X	BNF for children	BNF	emc
Protease Inhibitors		BHIVA treatment guidelines (2016)			
Atazanavir Red ££		PbR X	BNF for children	MMC	BNF emc
capsules Red ££		PbR X	BNF for children	MMC	BNF emc
Atazanavir / Cobicistat Red ££		PbR X	BNF for children	MMC	BNF emc
Evotaz® tablets Red ££		PbR X	BNF for children	MMC	BNF emc
Darunavir Red ££		PbR X	BNF for children	MMC	BNF emc
tablets; oral suspension Red ££		PbR X	BNF for children	MMC	BNF emc
Darunavir / Cobicistat Red ££		PbR X	BNF for children	MMC	BNF emc
Rezolsta® tablets Red ££		PbR X	BNF for children	MMC	BNF emc
Darunavir / Cobicistat / Emtricitabine & Tenofovir Red ££		PbR X	BNF for children	MMC	BNF emc
Symtuza® tablets Red ££		PbR X	BNF for children	MMC	BNF emc
Fosamprenavir Red ££		PbR X	BNF for children	MMC	BNF emc
Telzir® tablets Red ££		PbR X	BNF for children	MMC	BNF emc

Lopinavir / Ritonavir	Red ££	PbR X	BNF for children	emc+	MHRA Regulating Medicines and Medical Devices
Kaletra® tablets; oral solution					
Ritonavir	Red ££	PbR X	BNF for children	emc+	MHRA Regulating Medicines and Medical Devices
tablets; powder for oral suspension					
Saquinavir	Red ££	PbR X	BNF for children	emc+	
tablets					
Tipranavir	Red ££	PbR X	MMC BNF for children	emc+	BHIVA treatment guidelines (2016)
capsules					
Non-Nucleoside Reverse Transcriptase Inhibitors (Non-NRTIs)					
Doravirine	Red ££				
Pifelro® tablets		PbR X	MMC BNF for children	emc+	NHSE
Doravirine / Lamivudine / Tenofovir Disoproxil Fumarate	Red ££				
Delstrigo® tablets		PbR X	MMC BNF for children	emc+	NHSE
Efavirenz	Red ££	PbR X	BNF for children	emc+	
tablets; capsules					
Etravirine	Red ££				
Intelence® tablets		PbR X	MMC BNF for children	emc+	
Nevirapine	Red ££				
tablets; oral suspension; M/R tablets		PbR X	MMC BNF for children	emc+	
Rilpivirine	Red ££				
Edurant® tablets		PbR X	BNF for children	emc+	
Other Antiretrovirals					
Maraviroc	Red ££				
Celsentri® tablets		PbR X	MMC BNF for children	emc+	
Raltegravir	Red ££				
tablets; chewable tablets; granules		PbR X	MMC BNF for children	emc+	CHIVA PEP 2017
Enfuvirtide	Red ££				
Fuzeon® injection		PbR X	MMC BNF for children	emc+	
Dolutegravir	Red ££				
Tivicay® tablets		PbR X	MMC BNF for children	emc+	NHSE
Dolutegravir / Abacavir / Lamivudine	Red ££				
Triumeq® tablets		PbR X	MMC BNF for children	emc+	NHSE
Dolutegravir / Lamivudine	Red ££				
Dovato® tablets		PbR X	MMC BNF for children	emc+	NHSE
Dolutegravir / Rilpivirine	Red ££				
Juluca® tablets		PbR X	MMC BNF for children	emc+	NHSE
Pharmacokinetic enhancers of antiretrovirals					
Cobicistat	Red ££				
Tybost® tablets		PbR X	BNF for children	emc+	NHSE

5.3.2 Herpesvirus Infection**5.3.2.1 Herpes Simplex & Varicella-Zoster Infection**

Aciclovir

tablets; oral suspension; infusion (see also section 13.10.3)

Valaciclovir

tablets

5.3.2.2 Cytomegalovirus (CMV) Infection

Ganciclovir

Red ££

infusion (see also section 11.3.3)

Valganciclovir

Red ££

tablets; oral solution

Cidofovir

Red ££

infusion

Foscarnet Sodium

Red ££

infusion

Letermovir

Red ££

Prevymis® tablets

5.3.3 Viral Hepatitis**5.3.3.1 Chronic hepatitis B**

Adefovir Dipivoxil

Red ££

Hepsera® tablets

Entecavir

Red ££

Baraclude® tablets

5.3.3.2 Chronic hepatitis C

Dasabuvir

Red ££

Exviera® tablets

Elbasvir / Grazoprevir

Red ££

Zepatier® tablets

Glecaprevir / Pibrentasvir

Red ££

Maviret® tablets

Ombitasvir / Paritaprevir / Ritonavir

Red ££

Viekirax® tablets

Sofosbuvir

Red ££

Sovaldi® tablets

Sofosbuvir / Ledipasvir

Red ££

Harvoni® tablets

Sofosbuvir / Velpatasvir

Red ££

Epclusa® tablets

Sofosbuvir / Velpatasvir / Voxilaprevir

Red ££

Vosevi® tablets



BNF emc



BNF emc

RESTRICTED
Specialist use only
Haematology / Renal



BNF emc

RESERVED
Specialist use only



BNF emc

RESERVED
Specialist use only



MMC BNF emc

RESERVED Specialist use only;
also for aggressive CMV retinitis



MMC BNF emc

RESERVED Specialist use only in line with NICE

5.3.3 Viral Hepatitis**5.3.3.1 Chronic hepatitis B****NICE CG165**

Adefovir Dipivoxil

Red ££

Hepsera® tablets

Entecavir

Red ££

Baraclude® tablets

5.3.3.2 Chronic hepatitis C**NHSE Hepatitis C**

Dasabuvir

Red ££

Exviera® tablets

Elbasvir / Grazoprevir

Red ££

Zepatier® tablets

Glecaprevir / Pibrentasvir

Red ££

Maviret® tablets

Ombitasvir / Paritaprevir / Ritonavir

Red ££

Viekirax® tablets

Sofosbuvir

Red ££

Sovaldi® tablets

Sofosbuvir / Ledipasvir

Red ££

Harvoni® tablets

Sofosbuvir / Velpatasvir

Red ££

Epclusa® tablets

Sofosbuvir / Velpatasvir / Voxilaprevir

Red ££

Vosevi® tablets



MMC BNF emc

RESTRICTED Specialist use only
in line with NHSE Commissioning



MMC BNF emc

RESTRICTED Specialist use only
in line with NICE TA413



MMC BNF emc

RESTRICTED Specialist use only
in line with NHSE and NICE TA499



MMC BNF emc

RESTRICTED Specialist use only
in line NHSE Commissioning



RESTRICTED Specialist use only
in line with NICE TA330



MMC BNF emc

RESTRICTED Specialist use only
in line NHSE Commissioning



MMC BNF emc

RESTRICTED Specialist use only
in line with NICE TA430



MMC BNF emc

RESTRICTED Specialist use only
in line with NICE TA507

5.3.4 Influenza

Oseltamivir

Tamiflu® capsules; oral suspension

Zanamivir

Relenza® inhalation powder

Zanamivir

Red

Dectova® 10mg/mL infusion

5.3.5 Respiratory Syncytial Virus (RSV)

Palivizumab

Red

££

Synagis® 100mg/mL injection



NICE MMC BNF emc

Ribavirin

Red

££

capsules; tablets



PbR X NICE MMC BNF emc



RESTRICTED
Virology approval only

RESTRICTED
Specialist use only

RESTRICTED
Specialist use only

5.4 Antiprotozoal drugs



Nitazoxanide Red ££ 500mg tablets; 100mg/5mL oral suspension	PbR X MMC emc	RESTRICTED Specialist use only
5.4.1 Antimalarials		
Artesunate Red injection	BNF emc	RESTRICTED Specialist use only
Artemether with Lumefantrine Red tablets	BNF emc	RESTRICTED Specialist use only
Chloroquine Red tablets	BNF emc	RESTRICTED Specialist use only
Mefloquine Red tablets	BNF emc	RESTRICTED Specialist use only
Primaquine Red tablets	BNF emc	RESTRICTED Specialist use only
Proguanil Hydrochloride Red tablets	BNF emc	RESTRICTED Specialist use only
Proguanil Hydrochloride / Atovaquone Red Malarone® tablets	BNF emc	RESTRICTED Specialist use only
Pyrimethamine Red tablets	MMC BNF emc	RESTRICTED Specialist use only
Pyrimethamine with Sulfadoxine Red tablets	BNF emc	RESTRICTED Specialist use only
Quinine Dihydrochloride Red injection	BNF emc	RESTRICTED Specialist use only
Quinine Sulfate Red tablets	BNF emc	RESTRICTED Specialist use only
5.4.2 Amoebicides		
Metronidazole (see also section 5.1.11)	BNF emc	
Tinidazole Fasigyn® tablets	BNF emc	RESERVED Specialist use only
Diloxanide Furoate tablets	BNF emc	RESTRICTED Non-formulary micro. recommendation only
5.4.3 Trichomonacides		
Metronidazole (see also section 5.1.11)	BNF emc	
5.4.4 Antigiardial drugs		
Metronidazole (see also section 5.1.11)	BNF emc	

5.4.5 Leishmaniacides		
Paromomycin  Red tablets	  	RESTRICTED treatment of Cryptosporidiosis
Sodium Stibogluconate  Red injection	  	RESTRICTED treatment of Leishmaniacides
5.4.7 Drugs for toxoplasmosis		
Sulfadiazine Red tablets	  	RESTRICTED treatment of toxoplasmosis micro. recommendation only
5.4.8 Drugs for pneumocystis pneumonia		
Atovaquone Red oral suspension	  	RESTRICTED Specialist use only
Pentamidine Isethionate Red injection	  	RESTRICTED Specialist use only

5.5 Anthelmintics

5.5.1 Drugs for Threadworms (pinworms, *Enterobius vermicularis*)

Albendazole



tablets

Mebendazole

chewable tablets; oral suspension

5.5.5 Schistosomicides (bilharziasis)

Praziquantel



tablets

 BNF
for children

RESTRICTED
Specialist use only

5.5.5 Schistosomicides (bilharziasis)

Praziquantel



tablets

BNF
for children

RESTRICTED

Schistosomicides / tapeworm

Section 6: Endocrine System

Supported by the
formulary (click here)



6.1 Drugs used in diabetes

6.1.1 Insulins

- 6.1.1.1 Short-acting insulins
- 6.1.1.2 Intermediate & long-acting insulins

Biphasic insulins

6.1.2 Antidiabetic drugs

- 6.1.2.1 Sulphonylureas

- 6.1.2.2 Biguanides

- 6.1.2.3 Other antidiabetic drugs

Alpha glucosidase inhibitors

Dipeptidyl peptidase-4 (DPP-4) inhibitors

Rapid acting insulin secretagogues (meglitinides)

Glucagon-like peptide-1 (GLP-1) receptor agonists

Sodium-glucose co-transporter 2 (SGLT2) inhibitors

Thiazolidinediones

6.1.4 Treatment of hypoglycaemia

6.2 Thyroid & antithyroid drugs

6.2.1 Thyroid hormones

6.2.2 Antithyroid drugs

6.3 Corticosteroids

6.3.1 Replacement therapy

6.3.2 Glucocorticoid therapy

6.4 Sex hormones

6.4.1 Female sex hormones and their modulators

- 6.4.1.1 Oestrogens & HRT

- 6.4.1.2 Progestogens and progesterone receptor modulators

6.4.2 Male sex hormones & antagonists

6.5 Hypothalamic and pituitary hormones & anti-oestrogens

6.5.1 Hypothalamic & anterior pituitary hormones & anti-oestrogens

6.5.2 Posterior pituitary hormones & antagonists

6.6 Drugs affecting bone metabolism

6.6.1 Calcitonin & parathyroid hormone

6.6.2 Bisphosphonates & other drugs affecting bone metabolism

6.7 Other endocrine drugs

6.7.1 Bromocriptine & other dopaminergic drugs

6.7.2 Drugs affecting gonadotrophins

6.7.3 Metyrapone

6.7.4 Somatomedins

Trust Guidelines

[Adult medicines and prescribing guidelines](#)
[Paediatric medicines and prescribing guidelines](#)
[Neonatal guidelines \(link to Staffnet site\)](#)
[Non-formulary Conversion Table](#)

NICE Guidance

[Safer insulin prescribing \(KTT20\)](#)
[Diabetes in pregnancy: management from preconception to the postnatal period \(NG3\)](#)
[Type 1 diabetes in adults: diagnosis and management \(NG17\)](#)
[Diabetes \(type 1 and type 2\) in children and young people: diagnosis and management \(NG18\)](#)
[Diabetic foot problems: prevention and management \(NG19\)](#)
[Type 2 diabetes in adults: management \(NG28\)](#)
[Heavy menstrual bleeding: assessment and management \(NG88\)](#)
[Human growth hormone - adults \(TA64\)](#)
[Diabetes \(type 1\) - insulin pump therapy \(TA151\)](#)
[Osteoporosis - Primary Prevention \(TA160\)](#)
[Osteoporosis - Secondary Prevention \(TA161\)](#)
[Human growth hormone \(somatropin\) for the treatment of growth failure in children \(review\) \(TA188\)](#)
[Osteoporotic Fractures - denosumab \(TA204\)](#)
[Bone metastases from solid tumours - denosumab \(TA265\)](#)
[Type 2 diabetes - Dapagliflozin combination therapy \(TA288\)](#)
[Diabetes \(type 2\) - canagliflozin \(TA315\)](#)
[Tolvaptan for treating autosomal dominant polycystic kidney disease \(TA358\)](#)
[Canagliflozin, dapagliflozin and empagliflozin as monotherapies for treating type 2 diabetes \(TA390\)](#)
[Dapagliflozin in triple therapy for treating type 2 diabetes \(TA418\)](#)
[Bisphosphonates for treating osteoporosis \(TA464\)](#)
[Ertugliflozin as monotherapy or with metformin for treating type 2 diabetes \(TA572\)](#)
[Ertugliflozin with metformin and a dipeptidyl peptidase-4 inhibitor for treating type 2 diabetes \(TA583\)](#)
[Dapagliflozin with insulin for treating type 1 diabetes \(TA597\)](#)
[Sotagliflozin with insulin for treating type 1 diabetes \(TA622\)](#)
[Liraglutide for managing overweight and obesity \(TA664\)](#)

GMMMG Formulary

[Formulary Homepage](#)
[Chapter 6: Endocrine system \(Complete\)](#)
[GMMMG Adult Red/Amber/Green; DNP and Grey Drug List](#)
[GMMMG Paediatric Red/Amber/Green Drug List](#)

6.1 Drugs used in diabetes			GMMG
6.1.1 Insulins			NICE NG3
Insulins must ONLY be initiated by practitioners experienced in their use			NICE NG17
Insulins must be prescribed by BRAND NAME			NICE NG18
6.1.1.1 Short-acting insulins			NICE NG19
Human			NICE NG28
Actrapid®			
Human Insulin			
Apidra®			
Insulin Glulisine			
Fiasp®			
Insulin Aspart			
Humalog®			
Insulin Lispro			
Humulin R®			
Human Insulin			
Humulin S®			
Human Insulin			
Insulin Lispro Sanofi®			
Insulin Lispro			
NovoRapid®			
Insulin Aspart			
Animal			
Hypurin® Bovine Neutral			
Insulin Bovine			
Hypurin® Porcine Neutral			
Insulin Porcine			
6.1.1.2 Intermediate & long-acting insulins			
Human			
Humulin I® Insulin			
Isophane Insulin			
Insulatard®			
Isophane Insulin			
Animal			
Hypurin® Bovine Isophane			
Isophane Insulin			
Hypurin® Porcine Isophane			
Isophane Insulin			
Long-acting insulins			
Human			
Levemir®			
Insulin Detemir			
Lantus®			2nd line use in patients where normal basal insulins cause nocturnal hypoglycaemia
Insulin Glargine			
Abasaglar®			
Insulin Glargine biosimilar			
Toujeo®			
Insulin Glargine HIGH STRENGTH			

Tresiba®		RESTRICTED 3 rd line after Levemir & Lantus Diabetes Consultant only
Insulin Degludec	MMC BNF emc	
Animal		
Hypurin® Bovine Lente		
Insulin Zinc suspension	BNF emc	
Biphasic insulins		
Human		
Humalog® Mix 25		
Biphasic Insulin Lispro	BNF emc	
Humalog® Mix 50	BNF emc	
Biphasic Insulin Lispro	BNF emc	
Humulin M3®		
Biphasic Isophane Insulin	BNF emc	
Insuman® Comb 25		
Biphasic Isophane Insulin	BNF emc	
NovoMix® 30		
Biphasic Insulin Aspart	MMC BNF emc	
Animal		
Hypurin® Porcine 30/70 Mix Insulin		
Biphasic Isophane Insulin	BNF emc	
6.1.2 Antidiabetic drugs		
6.1.2.1 Sulfonylureas		
Gliclazide		
tablets	BNF emc	
Glipizide		RESTRICTED Not for initiation
tablets	BNF emc	
6.1.2.2 Biguanides		
Metformin Hydrochloride		
Green		
oral solution; tablets	MMC BNF emc	NICE NG28
6.1.2.3 Other antidiabetic drugs		
Alpha glucosidase inhibitors		
Acarbose		
tablets	BNF emc	
Dipeptidyl peptidase 4 (DPP 4) inhibitors		
Alogliptin		
Green		
tablets	MMC BNF emc	
Linagliptin		
Green		
tablets	MMC BNF emc	
Saxagliptin		2 nd line to improve glycaemic control in adults with metformin
Green		
tablets	MMC BNF emc	
Sitagliptin		
Green		
tablets	MMC BNF emc	
Rapid acting insulin secretagogues (meglitinides)		
Nateglinide		2 nd line
tablets	MMC BNF emc	
Repaglinide		2 nd line
tablets	MMC BNF emc	

Glucagon-like peptide-1 (GLP-1) receptor agonists					
Dulaglutide Green injection		BNF for children	MMC	BNF	emc
Exenatide Green injection		NICE	BNF for children	MMC	BNF
Bydureon® Green		BNF for children	MMC	BNF	emc
Exenatide prolonged release (once weekly injection)		BNF for children	MMC	BNF	emc
Liraglutide (<i>Victoza®</i>) Prescribe by brand Green		NICE	BNF for children	MMC	BNF
6mg/mL pre-filled pen		BNF for children	MMC	BNF	emc
Liraglutide (<i>Saxenda®</i>) Prescribe by brand Red		NICE	BNF for children	MMC	BNF
6mg/mL pre-filled pen		NICE	BNF for children	MMC	BNF
GLP-1 receptor agonists (continued)		NICE	BNF for children	MMC	BNF
Lixisenatide Green injection		BNF for children	MMC	BNF	emc
Semaglutide Green injection		BNF for children	MMC	BNF	emc
Sodium-glucose co-transporter 2 (SGLT2) inhibitors		MHRA Regulating Medicines and Medical Devices		MHRA Regulating Medicines and Medical Devices	
Canagliflozin tablets		NICE	BNF for children	MMC	BNF
Dapagliflozin Red tablets		NICE	BNF for children	MMC	BNF
Empagliflozin tablets		NICE	BNF for children	MMC	BNF
Ertugliflozin tablets		NICE	BNF for children	MMC	BNF
Sotagliflozin Zynquista® 200mg tablets		NICE	BNF for children	MMC	BNF
Thiazolidinediones		NICE	BNF for children	MMC	BNF
Pioglitazone tablets		BNF for children	MMC	BNF	emc
6.1.4 Treatment of hypoglycaemia					
Glucagon 1mg injection		BNF for children	MMC	BNF	emc
Glucose gel 40% oral gel		BNF for children	MMC	BNF	emc
Diazoxide Green tablets		BNF for children	MMC	BNF	emc
		Hyperinsulinaemic Hypoglycaemia			

6.2 Thyroid & antithyroid drugs		GMMG
6.2.1 Thyroid hormones		
Levothyroxine Sodium		
oral solution; tablets	  	
Liothyronine Sodium		2nd line use (I.V. RESTRICTED to hypothyroid coma)
Red 		  
injection; tablets		
6.2.2 Antithyroid drugs		
Carbimazole		
tablets	  	
Iodine (Aqueous Iodine Oral Solution)		
 Lugol's Iodine	  	
Potassium Iodide		
tablets	  	
Propylthiouracil		  
tablets		

6.3 Corticosteroids		GMMG
6.3.1 Replacement therapy		
Fludrocortisone		
tablets		 
6.3.2 Glucocorticoid therapy		
Prednisolone		 
Dexamethasone		 
Hydrocortisone		 
Hydrocortisone M/R		 
5mg tablets	MMC	 
Hydrocortisone	Green	MHRA
Alkindi® granules in capsules		 
Betamethasone		 
Methylprednisolone		 
Triamcinolone		 
see also section 10.1.2.2		 
		RESTRICTED 2 nd line use in adrenal insufficiency
		RESTRICTED 2 nd line use in adrenal insufficiency
		RESTRICTED Specialist use only
		RESTRICTED Specialist use only

6.4 Sex hormones		
6.4.1 Female sex hormones and their modulators		
6.4.1.1 Oestrogens & HRT		
Conjugated oestrogens with progestogen		
Premique® tablets		2 nd line use oral (continuous combined HRT)  
Estradiol with Progestogen Elleste-Duet® tablets		1 st line use oral (sequential HRT)  
Femoston® tablets		2 nd line use oral (sequential HRT)  
Kliovance® tablets		1 st line use oral (continuous combined HRT)   
Evorel Conti® patch		RESTRICTED (Continuous combined HRT) when oral contraindicated  
Estradiol only		
Elleste Solo® tablets		1 st line use oral (oestrogen only HRT)  
Estradot® patch		RESTRICTED (Oestrogen only HRT) when oral contraindicated.  
Evorel® patch		RESTRICTED Paed. Endocrine Consultants   
Ethinylestradiol, raloxifene & tibolone		
Ethinylestradiol tablets		2 microgram tablets (unlicensed) for amenorrhoea    
Raloxifene Hydrochloride tablets		RESTRICTED Specialist Med. Consultant only    
Tibolone tablets		3 rd line use oral (continuous combined HRT)  
6.4.1.2 Progestogens and progesterone receptor modulators		
Medroxyprogesterone Acetate		
Depo-Provera® 150mg/mL injection		 
Medroxyprogesterone Acetate		
Sayana Press® 104mg/0.65 mL injection		   
Norethisterone tablets		 
Progesterone Red (suppositories in IVF) pessaries; vaginal capsules; injection		  
Dydrogesterone tablets		 

6.4.2 Male sex hormones & antagonists		
Testosterone & Esters		
Oral		
Testosterone	Green	RESTRICTED Specialist use only
injection & implants only	Amber	 
Transdermal preparations		
Androstanolone (aka Dihydrotestosterone (DHT))		RESTRICTED Specialist use only - 3 rd line
Andractim® 2.5% gel		  
Testosterone		RESTRICTED Specialist use only
Tostran® 2% gel		  
Anti-androgens		
Cyproterone Acetate	Green	RESTRICTED Specialist use only
tablets		 
Finasteride	Amber	RESTRICTED Specialist use only
tablets		  

6.5 Hypothalamic & pituitary hormones & anti-oestrogens		GMMMG
6.5.1 Hypothalamic & anterior pituitary hormones & anti-oestrogens		
Anti-oestrogens		
Clomifene Citrate		
Red		
tablets		 
Anterior pituitary hormones (Corticotrophins)		
Tetracosactide		
Red		 
injection		 
Corticotropin releasing hormone		
Red		 
injection		 
Anterior pituitary hormones (Gonadotrophins)		
Human Chorionic Gonadotrophin (hCG)		
Red		 
Pregnyl® injection		  
Recombinant human follicle stimulating hormone (r-hFSH)		
Red		  
Ovaleap® injection		  
Anterior pituitary hormones (Growth Hormone)		
Somatotropin		
Red	Amber	 
injection		    
Growth hormone for children		
		Amber
Growth hormone for primary and secondary hypo-pituitarism		
		Amber
Growth hormone for adults except in proven primary and secondary hypopituitarism		
		Red
Anterior pituitary hormones (Growth Hormone receptor antagonists)		
Pegvisomant		
Red	££	
injection		   
Hypothalamic hormones		
Gonadorelin (GnRH; LHRH)		
Red		 
injection		 
Protirelin (TRH)		
Red		 
injection		 
6.5.2 Posterior pituitary hormones & antagonists		
Desmopressin		
		 
injection; oral lyophilisates; nasal spray; solution; tablets		  
Terlipressin Acetate		
		 
injection		 
Tolvaptan		
Red	££	 
tablets		    
Vasopressin		
		 
injection		 
Antidiuretic hormone antagonists		
Demeclocycline Hydrochloride		
capsules (see also section 5.1.3)		 
		  

6.6 Drugs affecting bone metabolism		
6.6.1 Calcitonin & parathyroid hormone		
Calcitonin (Salmon) / Salcatonin (<i>Miacalcic®</i>)	Red injection	   
Parathyroid hormone	Red ££ injection	   
Teriparatide (<i>Forsteo®</i>)	Red ££ 250 micrograms / mL injection	    
Teriparatide (<i>Movymia®</i>)	Red ££ 250 micrograms / mL injection	    
6.6.2 Bisphosphonates & other drugs affecting bone metabolism		
Alendronic Acid	tablets	    
Risedronate Sodium	tablets	    
Strontium Ranelate	Red oral suspension	  
Ibandronic Acid	Amber tablets; injection	   
Denosumab	Amber Red injection	   
Zoledronic Acid	Red infusion	   

6.7 Other endocrine drugs		GMMMG
6.7.1 Bromocriptine & other dopaminergic drugs		
Bromocriptine		
1mg; 2.5mg tablets	MMC BNF emc	
Cabergoline		RESTRICTED Hyperprolactinaemia
500 microgram tablets	BNF emc	
6.7.2 Drugs affecting gonadotrophins		
Danazol		
capsules	BNF emc	
Buserelin		RESTRICTED IVF
Red		
injection (see also section 8.3.4.2)	MMC BNF emc	
Buserelin Acetate		RESTRICTED adult haem-oncology patients
Red		
Suprecur® nasal spray	MMC BNF emc	
Goserelin		
Amber Red		
implant (also section 8.3.4.2)	BNF emc	
Leuprorelin Acetate		
Amber Red		
injection (also section 8.3.4.2)	BNF emc	
Triptorelin		RESTRICTED
Amber Red		
injection (also section 8.3.4.2)	MMC BNF emc	
Cetrorelix acetate		RESTRICTED IVF
Red		
injection	MMC BNF emc	
Ganirelix		RESTRICTED IVF
Red		
injection	MMC BNF emc	
Goserelin/Leuprorelin - Licensed Indications (Pre-op management prior to endometrial ablation/fibroid surgery)		Amber
Goserelin/Leuprorelin/Triptorelin - Licensed Indications (Prostate cancer for all and breast cancer for Goserelin)		Amber
Goserelin/Leuprorelin/Triptorelin - Precocious puberty and for testosterone castration in sex offenders (unlicensed in goserelin and leuprorelin)		Red
Goserelin/Leuprorelin/Triptorelin - For all other unlicensed indications (including long term use > 6 months)		Red
6.7.3 Metyrapone		
Metyrapone		RESTRICTED Specialist use only
Red		
250mg capsules	BNF emc	
6.7.4 Somatomedins		
Mecasermin		RESTRICTED Specialist use only
££		
10mg/mL injection	PbR X BNF blue teq emc	MHRA Regulating Medicines and Medical Devices

Section 7: Obstetrics, gynaecology & urinary tract disorders

Supported by the
formulary (click here)



7.1 Drugs used in Obstetrics

7.1.1 Prostaglandins & oxytocics

7.1.1.1 Ductus arteriosus

7.1.2 Mifepristone

7.1.3 Myometrial relaxants

7.2 Treatment of vaginal & vulval conditions

7.2.1 Preparations for vaginal & vulval changes

7.2.2 Vaginal & vulval infections

7.3 Contraceptives

7.3.1 Combined hormonal contraceptives

Ethinylestradiol with Levonorgestrel

Ethinylestradiol with Norethisterone

Ethinylestradiol with Norgestimate

Ethinylestradiol with Desogestrel

Ethinylestradiol with Gestodene

Mestranol with Norethisterone

7.3.2 Progestogen-only contraceptives

7.3.2.1 Oral progestogen-only contraceptives

7.3.2.2 Parenteral progestogen-only contraceptives

7.3.2.3 Intra-uterine progestogen-only device

7.3.5 Emergency contraception

7.4 Drugs for genito-urinary disorders

7.4.1 Drugs for urinary retention

7.4.2 Drugs for urinary, enuresis & incontinence

7.4.3 Drugs used in urological pain

7.4.4 Bladder instillations & urological surgery

7.4.5 Drugs for erectile dysfunction

7.4.6 Drugs for premature ejaculation

Trust Guidelines

Adult medicines and prescribing guidelines
Paediatric medicines and prescribing guidelines
Neonatal guidelines (link to Staffnet site)
Non-formulary Conversion Table

NICE Guidance

Heavy menstrual bleeding: assessment and management (NG88)
Long-acting reversible contraception (CG30)
Antenatal care (CG62)
Induction of labour (CG70)
Lower urinary tract symptoms (CG97)
Nocturnal enuresis - the management of bedwetting in children and young people (CG111)
Caesarian Section (CG132)
Urinary incontinence in women (CG171)
Intrapartum care for healthy women and babies (CG190)
Antenatal and postnatal mental health: clinical management and service guidance (CG192)
Overactive bladder - mirabegron (TA290)
Pentosan polysulfate sodium for treating bladder pain syndrome (TA610)

GMMMG Formulary

Formulary Homepage
Chapter 7: Obstetrics, gynaecology & urinary tract disorders (Complete)
GMMMG Adult **Red/Amber/Green**; DNP and **Grey** Drug List
GMMMG Paediatric **Red/Amber/Green** Drug List

7.1 Drugs used in Obstetrics		GMMG	
7.1.1 Prostaglandins & oxytocics		NICE CG70	
Carboprost	Red		
injection		BNF emc	
Ergometrine Maleate	Red		
injection		BNF emc	
Gemeprost	Red		
pessaries		BNF emc	
Oxytocin	Red		
injection		BNF emc	
Dinoprostone	Red		RESTRICTED Obs & Gynae Consultants only
injection; pessaries; vaginal gel; vaginal tablet		MMC BNF emc	(see BNFC section 2.14)
7.1.1.1 Drugs affecting the ductus arteriosus			
Maintenance of patency			
Alprostadil	Red		
infusion		BNF emc	
Closure of the ductus arteriosus			
Indometacin	Red		
injection		BNF emc	
7.1.2 Mifepristone			
Mifepristone	Red		
tablets		BNF emc	
7.1.3 Myometrial relaxants			
Atosiban			
Atosiban	Red		RESTRICTED Obs & Gynae Consultants only
infusion; injection		MMC BNF emc	
Beta₂ agonists			
Salbutamol	Red		
injection (see also section 3.1.1.1)		BNF emc	
Terbutaline Sulfate	Red		
injection (see also section 3.1.1.1)		BNF emc	

7.2 Treatment of vaginal & vulval conditions		GMMG	
7.2.1 Preparations for vaginal & vulval changes			
Oestrogens, topical			
Estradiol			
Vagifem® 10 microgram pessaries	BNF	emc	
Estriol			
0.01% cream	BNF	emc	
Estradiol vaginal ring		RESTRICTED Obs & Gynae Consultants only	
Estring® 7.5 microgram / 24 hours ring	BNF	emc	
7.2.2 Vaginal & vulval infections			
Preparations for vaginal & vulval candidiasis			
Clotrimazole			
cream; pessaries	BNF	emc	
Miconazole			
vaginal cream	BNF	emc	
Preparations for other vaginal infections			
Clindamycin			
2% vaginal cream	BNF	emc	
Nystatin			
cream; pessaries	BNF	emc	
Metronidazole		RESTRICTED Obs & Gynae Consultants only	
Zidova® 0.75% vaginal gel	MMC	BNF	emc

7.3 Contraceptives		GMMG
7.3.1 Combined hormonal contraceptives		NICE CG30
Ethinylestradiol with Levonorgestrel		NICE NG88
TriRegol®		
tablets	 	
Microgynon 30®		
tablets	 	
Ovranette®		
tablets	 	
Ethinylestradiol with Norethisterone		
Loestrin 20®		
tablets	 	
Loestrin 30®		
tablets	 	
Norimin®		
tablets	 	
Ethinylestradiol with Norgestimate		
Cilest®		
tablets	 	
Ethinylestradiol with Desogestrel		
Munalea®		2nd line due to increased risk of VTE
tablets	 	
Mercilon®		2nd line due to increased risk of VTE
tablets	 	
Ethinylestradiol with Gestodene		
Femodene®		2nd line due to increased risk of VTE
tablets	 	
Aidulan®		2nd line due to increased risk of VTE
20microgram / 75 microgram tablets	 	
Mestranol with Norethisterone		
Norinyl-1®		2nd line due to increased risk of VTE
tablets	 	
7.3.2 Progestogen-only contraceptives		
7.3.2.1 Oral progestogen-only contraceptives		
Desogestrel		
Cerazette® 75 microgram tablets	 	
Levonorgestrel		
Norgeston® 35 microgram tablets	 	
Norethisterone		
Noriday® 350 microgram tablets	 	

7.3.2.2 Parenteral progestogen-only contraceptives	
Injectable preparations	
Medroxyprogesterone Acetate (<i>Depo-Provera®</i>)	
150mg/mL intramuscular injection	  
Medroxyprogesterone Acetate (<i>Sayana Press®</i>)	
160mg/mL subcutaneous injection	   
Implants	
Etonogestrel	   
Nexplanon® 68mg subdermal implant	   
7.3.2.3 Intra-uterine progestogen-only device	
Levonorgestrel (<i>Mirena®</i>)	
20micrograms/24 hours IUD	   
Levonorgestrel (<i>Jaydess®</i>)	   
13.5mg IUD	   
Levonorgestrel (<i>Kyleena®</i>)	   
19.5mg IUD	   
7.3.5 Emergency contraception	
Levonorgestrel	
Levonelle® 1500 microgram tablets	   
Ulipristal Acetate	   
ellaOne® 30mg tablets	   
Assisted Reproductive Technology (ART) cycles	
Progesterone	   
Utrogestan® 100mg; 200mg vaginal capsules	   

7.4 Drugs for genito-urinary disorders		GMMG
7.4.1 Drugs for urinary retention		NICE CG97
Alpha blockers		NICE CG111
Alfuzosin Hydrochloride		NICE CG171
tablets	BNF emc	
Tamsulosin Hydrochloride		1st line
capsules, tablets	MMC BNF emc	
7.4.2 Drugs for urinary, enuresis & incontinence		
Urinary incontinence		NICE CG171
Oxybutynin Hydrochloride		1st line in OAB
oral solution; patch; tablets	NICE MMC BNF emc	
Darifenacin Hydrobromide		1st line in OAB
tablets	NICE MMC BNF emc	
Tolterodine Tartrate		1st line in OAB
capsules, tablets	NICE MMC BNF emc	
Solifenacina Succinate		2nd line in OAB patients failed / intolerant to oxybutynin
tablets	MMC BNF emc	
Duloxetine		
capsules	MMC BNF emc	
Trospium Chloride		RESTRICTED 1^{RY} Care referral only
capsules; tablets	MMC BNF emc	
Mirabegron		RESTRICTED in line with TA290 / Paeds 3 rd line
tablets	NICE MMC BNF emc	MHRA Improving medicines and medical devices
Nocturnal enuresis		
Amitriptyline		
oral solution; tablets (see also section 4.3.1)	BNF emc	
Desmopressin		RESTRICTED Haematology Consultants only
injection; nasal spray; tablets (see also section 6.5.2)	MMC BNF emc	
7.4.3 Drugs used in urological pain	NICE	
Methionine		RESTRICTED resistant calcium phosphate lithiasis
U tablets		eau European Association of Urology
Pentosan Polysulfate Sodium		RESTRICTED Urology Cons. in line with NICE
Red		
capsules	NICE MMC BNF emc	
Potassium Citrate		
tablets	BNF emc	

7.4.4 Bladder instillations & urological surgery

Chlorhexidine

0.02% irrigation solution



Dimethyl Sulfoxide

50% solution


Glycine

1.5% irrigation solution



Sodium Chloride

0.9% irrigation solution



Sodium Citrate

3% irrigation solution



Sodium Hyaluronate

Red

Cystistat® 40mg/50mL bladder instillation

MMC


RESTRICTED
 Urology Consultants only

Sodium Hyaluronate with sodium chondroitin sulfate

Red

iAluRil® 800mg/50mL (1.6% w/v) / 1g/50mL (2% w/v) bladder instillation

MMC


RESTRICTED
 Urology Consultants only


7.4.5 Drugs for erectile dysfunction		
Alprostadil	Green	RESTRICTED Urology Consultants only
cream; injection; urethral sticks		   
Aviptadil with Phentolamine	Green	RESTRICTED Urology Consultants only
Invicorp® injection		  
Sildenafil	Green or Red PAH	RESTRICTED 1 ^{RY} Care referral only
injection; oral suspension; tablets		   
Tadalafil	Green or Red PAH	RESTRICTED 1 ^{RY} Care referral only
tablets		  
Vardenafil	tablets	RESTRICTED 1 ^{RY} Care referral only
		  
7.4.6 Drugs for premature ejaculation		
NOT STOCKED		NOT STOCKED

Section 8: Malignant disease & immunosuppression

Supported by the
formulary (click here)



8.1 Cytotoxic drugs

- 8.1.1 Alkylating drugs
- 8.1.2 Anthracyclines & other cytotoxic antibiotics
- 8.1.3 Antimetabolites
- 8.1.4 Vinca alkaloids & etoposide
- 8.1.5 Other antineoplastic drugs

8.2 Drugs affecting the immune response

- 8.2.1 Antiproliferative immunosuppressants
- 8.2.2 Corticosteroids & other immunosuppressants
- 8.2.3 Anti-lymphocyte monoclonal antibodies
- 8.2.4 Other immunomodulating drugs

8.3 Sex hormones & hormone antagonists in malignant disease

- 8.3.1 Oestrogens
- 8.3.2 Progestogens
- 8.3.3 Androgens
- 8.3.4 Hormone Antagonists
 - 8.3.4.1 Breast Cancer
 - 8.3.4.2 Gonadorelin analogues & gonadotrophin-releasing hormone antagonists
 - 8.3.4.3 Somatostatin analogues

8.4 Miscellaneous preparations

Trust Guidelines

- Adult medicines and prescribing guidelines
- Paediatric medicines and prescribing guidelines
- Neonatal guidelines (link to Staffnet site)
- Non-formulary Conversion Table**

NICE Guidance

- Early and locally advanced breast cancer: diagnosis and management (NG101)
 Early and locally advanced breast cancer (CG80)
 Advanced breast cancer (CG81)
 Lung Cancer (CG121)
 Colorectal cancer (CG131)
 Familial breast cancer (CG164)
 Hepatitis B (chronic) (CG165)
 Prostate Cancer (CG175)
 Burosumab for treating X-linked hypophosphataemia in children and young people (HST8)
 Temozolomide for malignant glioma (TA23)
 Leukaemia (lymphocytic) - fludarabine (TA29)
 Trastuzumab for advanced breast cancer (TA34)
 Paclitaxel for ovarian cancer (TA55)
 Capecitabine and Tegafur Uracil for Colorectal Cancer (TA61)
 Imatinib for chronic myeloid leukaemia (TA70) (partially updated by TA425 & TA426)
 Hepatitis C: Chronic (TA75) (extended by TA106 - partially updated by TA200 & TA300)
 Gastrointestinal stromal tumours - imatinib (TA86) (partially updated by TA209)
 Hepatitis B: Chronic (TA96) (partially updated by CG165)
 Colon cancer (adjuvant) - capecitabine and oxaliplatin (TA100)
 Docetaxel for prostate cancer (hormone-refractory) (TA101)
 Hepatitis C: Peginterferon & Ribavirin (TA106) (partially updated by TA200 & TA300)
 Trastuzumab for early breast cancer (TA107)
 Paclitaxel for early breast cancer (TA108)
 Docetaxel for early breast cancer (TA109)
 Gemcitabine for Breast Cancer (TA116)
 Bevacizumab & Cetuximab in metastatic colorectal cancer (TA118) (partially updated by TA242)
 Leukaemia (lymphocytic) - fludarabine (TA119)
 Carmustine implants and temozolomide for glioma (newly diagnosed & high grade) (TA121)
 Pemetrexed for lung cancer (non small cell) (TA124)
 Multiple sclerosis - natalizumab (TA127)
 Bortezomib for relapsed multiple myeloma (TA129)
 Pemetrexed for mesothelioma (TA135)
 Rituximab for follicular non-Hodgkin's lymphoma (TA137)
 Head and neck cancer - cetuximab (TA145)
 Renal cell carcinoma - sunitinib (TA169)
 Lenalidomide - multiple myeloma (TA171)
 Rituximab for the first-line treatment of chronic lymphocytic leukaemia (TA174)
 Cetuximab for the first-line treatment of metastatic colorectal cancer (TA176)
 Renal Cell Carcinoma (TA178)
 Sunitinib for gastrointestinal stromal tumours (TA179)
 Pemetrexed for lung cancer (non-small cell) - first line treatment (TA181)
 Cervical cancer (recurrent) - topotecan (TA183)
 Lung cancer (small cell) - topotecan (TA184)
 Soft tissue sarcoma - trabectedin (TA185)
 Lung cancer (non-small-cell) - pemetrexed (maintenance) (TA190)
 Gastric cancer (advanced) - capecitabine (TA191)
 Lung cancer (non-small-cell, first line) - gefitinib (TA192)
 Leukaemia (chronic lymphocytic, relapsed) - rituximab (TA193)
 Gastrointestinal stromal tumours - imatinib (adjuvant) (TA196)
 Hepatitis C - peginterferon alfa and ribavirin (TA200) (read in conjunction with TA75 & TA106)
 Gastric cancer (HER2-positive metastatic) - trastuzumab (TA208)
 Gastrointestinal stromal tumours (unresectable/metastatic) - imatinib (TA209) (part review of TA86)
 Colorectal cancer (metastatic) - bevacizumab (TA212)
 Breast cancer - bevacizumab (in combination with a taxane) (TA214) (replaces TA147)
 Renal cell carcinoma (1st line metastatic) - pazopanib (TA215)
 Bendamustine for the first-line treatment of chronic lymphocytic leukaemia (TA216)
 Myelodysplastic syndrome - azacitidine (TA218)
 Lymphoma (follicular non-Hodgkin's) - rituximab (TA226)
 Multiple myeloma (1st line) - bortezomib and thalidomide (TA228)
 Osteosarcoma - mifamurtide (TA235)
 Follicular lymphoma - rituximab (review TA110) (TA243)
 Multiple sclerosis (relapsing-remitting) - fingolimod (TA254)
 Melanoma (stage III or IV) - ipilimumab (TA268)
 Melanoma (BRAF V600 mutation positive, unresectable metastatic) - vemurafenib (TA269)
 Urothelial tract carcinoma (transitional cell, advanced, metastatic) - vinflunine (TA272)
 Bevacizumab in combination with paclitaxel & carboplatin for 1st line treatment of advanced ovarian cancer (TA284)
 Ovarian, fallopian tube & primary peritoneal cancer - bevacizumab (TA285)
 Hepatitis C (children and young people) - peginterferon alfa & ribavirin (TA300)
 Multiple sclerosis (relapsing) - teriflunomide (TA303)
 Lymphoma (non Hodgkin's, relapsed, refractory) - pixantrone monotherapy (TA306)

Vasculitis (anti-neutrophil cytoplasmic antibody-associated) - rituximab (with glucocorticoids) (TA308)
Multiple myeloma - bortezomib (induction therapy) (TA311)
Multiple sclerosis (relapsing-remitting) - alemtuzumab (TA312)
Ipilimumab for previously untreated advanced (unresectable or metastatic) melanoma (TA319)
Dimethyl fumarate for treating relapsing-remitting multiple sclerosis (TA320)
Dabrafenib for treating unresectable or metastatic BRAF V600 mutation-positive melanoma (TA321)
Lenalidomide for treating myelodysplastic syndromes associated with an isolated deletion 5q cytogenetic abnormality (TA322)
Imatinib for the adjuvant treatment of gastrointestinal stromal tumours (review of TA196) (TA326)
Axitinib for treating advanced renal cell carcinoma after failure of prior systemic treatment (TA333)
Obinutuzumab in combination with chlorambucil for untreated chronic lymphocytic leukaemia (TA343)
Nintedanib for previously treated locally advanced, metastatic, or locally recurrent non small cell lung cancer (TA347)
Pembrolizumab for treating advanced melanoma after disease progression with ipilimumab (TA357)
Idelalisib for treating chronic lymphocytic leukaemia (TA359)
Pembrolizumab for advanced melanoma not previously treated with ipilimumab (TA366)
Bortezomib for previously untreated mantle cell lymphoma (TA370)
Erlotinib and gefitinib for treating non-small-cell lung cancer that has progressed after prior chemotherapy (TA374)
Enzalutamide for treating metastatic hormone-relapsed prostate cancer before chemotherapy is indicated (TA377)
Nintedanib for treating idiopathic pulmonary fibrosis (TA379)
Panobinostat for treating multiple myeloma after at least 2 previous treatments (TA380)
Olaparib for ovarian, fallopian tube and peritoneal cancer (TA381)
Nivolumab for treating advanced (unresectable or metastatic) melanoma (TA384)
Ruxolitinib for treating disease-related splenomegaly or symptoms in adults with myelofibrosis (TA386)
Abiraterone for treating metastatic hormone-relapsed prostate cancer before chemotherapy is indicated (TA387)
Topotecan, PLDH, paclitaxel, trabectedin & gemcitabine for recurrent ovarian cancer (TA389)
Cabazitaxel for hormone-relapsed metastatic prostate cancer treated with docetaxel (TA391)
Ceritinib for previously treated anaplastic lymphoma kinase positive non-small-cell lung cancer (TA395)
Trametinib in combination with dabrafenib for treating unresectable or metastatic melanoma (TA396)
Nivolumab in combination with ipilimumab for treating advanced melanoma (TA400)
Bosutinib for previously treated chronic myeloid leukaemia (TA401)
Pemetrexed maintenance treatment for non-squamous non-small-cell lung cancer after pemetrexed and cisplatin (TA402)
Degarelix for treating advanced hormone-dependent prostate cancer (TA404)
Trifluridine–tipiracil for previously treated metastatic colorectal cancer (TA405)
Crizotinib for untreated anaplastic lymphoma kinase-positive advanced non-small-cell lung cancer (TA406)
Pegasparagase for treating acute lymphoblastic leukaemia (TA408)
Talimogene laherparepvec for treating unresectable metastatic melanoma (TA410)
Radium-223 dichloride for treating hormone-relapsed prostate cancer with bone metastases (TA412)
Nivolumab for previously treated advanced renal cell carcinoma (TA417)
Everolimus with exemestane for treating advanced breast cancer after endocrine therapy (TA421)
Crizotinib for previously treated anaplastic lymphoma kinase-positive advanced non-small-cell lung cancer (TA422)
Eribulin for treating locally advanced or metastatic breast cancer after 2 or more chemotherapy regimens (TA423)
Pertuzumab for the neoadjuvant treatment of HER2-positive breast cancer (TA424)
Dasatinib, nilotinib and high-dose imatinib for treating imatinib-resistant or intolerant chronic myeloid leukaemia (TA425)
Dasatinib, nilotinib and imatinib for untreated chronic myeloid leukaemia (TA426)
Pomalidomide for multiple myeloma previously treated with lenalidomide and bortezomib (TA427)
Pembrolizumab for treating PD-L1-positive non-small-cell lung cancer after chemotherapy (TA428)
Everolimus for advanced renal cell carcinoma after previous treatment (TA432)
Cetuximab and panitumumab for previously untreated metastatic colorectal cancer (TA439)
Everolimus & sunitinib for treating unresectable or metastatic neuroendocrine tumours (TA449)
Blinatumomab for previously treated Philadelphia-chromosome-negative acute lymphoblastic leukaemia (TA450)
Ponatinib for treating chronic myeloid leukaemia and acute lymphoblastic leukaemia (TA451)
Trastuzumab emtansine for treating HER2-positive advanced breast cancer after trastuzumab and a taxane (TA458)
Nivolumab for treating relapsed or refractory classical Hodgkin lymphoma (TA462)
Cabozantinib for previously treated advanced renal cell carcinoma (TA463)
Cetuximab for treating recurrent or metastatic squamous cell cancer of the head and neck (replaces TA172) (TA473)
Sorafenib for treating advanced hepatocellular carcinoma (replaces TA189) (TA474)
Paclitaxel with gemcitabine for untreated metastatic pancreatic cancer (replaces TA360) (TA476)
Brentuximab vedotin for treating relapsed or refractory systemic anaplastic large cell lymphoma (TA478)
Immunosuppressive therapy for kidney transplant in adults (replaces TA85) (TA481)
Immunosuppressive therapy for kidney transplant in children and young people (replaces TA99) (TA482)
Nivolumab for previously treated squamous non-small-cell lung cancer (TA483)
Nivolumab for previously treated non-squamous non-small-cell lung cancer (TA484)
Venetoclax for treating chronic lymphocytic leukaemia (TA487)
Regorafenib for previously treated unresectable or metastatic gastrointestinal stromal tumours (TA488)
Nivolumab for treating squamous cell carcinoma of the head and neck after platinum-based chemotherapy (TA490)
Ibrutinib for treating Waldenstrom's macroglobulinaemia (TA491)
Atezolizumab for untreated locally advanced or metastatic urothelial cancer when cisplatin is unsuitable (TA492)
Cladribine tablets for treating relapsing-remitting multiple sclerosis (TA493)
Palbociclib for previously untreated, locally advanced or metastatic breast cancer (TA495)
Ribociclib for previously untreated, locally advanced or metastatic breast cancer (TA496)
Lenvatinib with everolimus for previously treated advanced renal cell carcinoma (TA498)
Ceritinib for untreated ALK-positive non-small-cell lung cancer (TA500)
Intrabeam radiotherapy system for adjuvant treatment of early breast cancer (TA501)
Ibrutinib for treating relapsed or refractory mantle cell lymphoma (TA502)
Fulvestrant for untreated locally advanced or metastatic oestrogen-receptor positive breast cancer (TA503)
Ixazomib with lenalidomide and dexamethasone for treating relapsed or refractory multiple myeloma (TA505)
Pertuzumab with trastuzumab and docetaxel for treating HER2-positive breast cancer (TA509)
Daratumumab monotherapy for treating relapsed and refractory multiple myeloma (TA510)
Tivozanib for treating advanced renal cell carcinoma (TA512)

Obinutuzumab for untreated advanced follicular lymphoma (TA513)
Regorafenib for previously treated advanced hepatocellular carcinoma (TA514)
Eribulin for treating locally advanced or metastatic breast cancer after 1 chemotherapy regimen (replaces TA250) (TA515)
Cabozantinib for treating medullary thyroid cancer (TA516)
Avelumab for treating metastatic Merkel cell carcinoma (TA517)
Pembrolizumab for treating locally advanced or metastatic urothelial carcinoma (TA519)
Atezolizumab for treating locally advanced or metastatic non-small-cell lung cancer after chemotherapy (TA520)
Pembrolizumab for untreated locally advanced or metastatic urothelial cancer when cisplatin is unsuitable (TA522)
Midostaurin for untreated acute myeloid leukaemia (TA523)
Brentuximab vedotin for treating CD30-positive Hodgkin lymphoma (replaces TA446) (TA524)
Atezolizumab for treating locally advanced or metastatic urothelial carcinoma (TA525)
Arsenic trioxide for treating acute promyelocytic leukaemia (TA526)
Beta interferons and glatiramer acetate for treating multiple sclerosis (replaces TA32) (TA527)
Niraparib for maintenance treatment of relapsed, platinum-sensitive ovarian, fallopian tube and peritoneal cancer (TA528)
Crizotinib for treating ROS1-positive advanced non-small-cell lung cancer (TA529)
Nivolumab for treating locally advanced unresectable or metastatic urothelial cancer (TA530)
Pembrolizumab for untreated PD-L1-positive metastatic non-small-cell lung cancer (TA531)
Ocrelizumab for treating relapsing-remitting multiple sclerosis (TA533)
Lenvatinib and sorafenib for treating differentiated thyroid cancer after radioactive iodine (TA535)
Alectinib for untreated ALK-positive advanced non-small-cell lung cancer (TA536)
Dinutuximab beta for treating neuroblastoma (TA538)
Lutetium (177Lu) oxodotreotide for treating unresectable or metastatic neuroendocrine tumours (TA539)
Pembrolizumab for treating relapsed or refractory classical Hodgkin lymphoma (TA540)
Inotuzumab ozogamicin for treating relapsed or refractory B-cell acute lymphoblastic leukaemia (TA541)
Cabozantinib for untreated advanced renal cell carcinoma (TA542)
Dabrafenib with trametinib for adjuvant treatment of resected BRAF V600 mutation-positive melanoma (TA544)
Gemtuzumab ozogamicin for untreated acute myeloid leukaemia (TA545)
Padeliporfin for untreated localised prostate cancer (TA546)
Vandetanib for treating medullary thyroid cancer (TA550)
Lenvatinib for untreated advanced hepatocellular carcinoma (TA551)
Liposomal cytarabine-daunorubicin for untreated acute myeloid leukaemia (TA552)
Pembrolizumab for adjuvant treatment of resected melanoma with high risk of recurrence (TA553)
Tisagenlecleucel for treating relapsed or refractory B-cell acute lymphoblastic leukaemia in people aged up to 25 years (TA554)
Regorafenib for previously treated advanced hepatocellular carcinoma (TA555)
Axicabtagene ciloleucel for treating diffuse large B-cell lymphoma and primary mediastinal large B-cell lymphoma (TA559)
Venetoclax with rituximab for previously treated chronic lymphocytic leukaemia (TA561)
Encorafenib with binimetinib for unresectable or metastatic BRAF V600 mutation-positive melanoma (TA562)
Abemaciclib for previously untreated, locally advanced or metastatic breast cancer (TA563)
Tisagenlecleucel for treating relapsed or refractory diffuse large B-cell lymphoma after 2 or more systemic therapies (TA567)
Pertuzumab for adjuvant treatment of HER2-positive early stage breast cancer (TA569)
Brigatinib for treating ALK-positive advanced non-small-cell lung cancer after crizotinib (TA571)
Daratumumab with bortezomib and dexamethasone for previously treated multiple myeloma (TA573)
Brentuximab vedotin for treating CD30-positive cutaneous T-cell lymphoma (TA577)
Durvalumab for treating locally advanced unresectable non-small-cell lung cancer after platinum-based chemoradiation (TA578)
Abemaciclib with fulvestrant for treating hormone receptor-positive, HER2-negative advanced breast cancer (TA579)
Enzalutamide for hormone-relapsed non-metastatic prostate cancer (TA580)
Nivolumab with ipilimumab for untreated advanced renal cell carcinoma (TA581)
Atezolizumab in combination for treating metastatic non-squamous non-small-cell lung cancer (TA584)
Ocrelizumab for treating primary progressive multiple sclerosis (TA585)
Lenalidomide plus dexamethasone for multiple myeloma after 1 treatment with bortezomib (TA586)
Lenalidomide plus dexamethasone for previously untreated multiple myeloma (TA587)
Blinatumomab for treating acute lymphoblastic leukaemia in remission with minimal residual disease activity (TA589)
Cemiplimab for treating metastatic or locally advanced cutaneous squamous cell carcinoma (TA592)
Ribociclib with fulvestrant for treating hormone receptor-positive, HER2-negative, advanced breast cancer (TA593)
Dacomitinib for untreated EGFR mutation-positive non-small-cell lung cancer (TA595)
Olaparib for maintenance treatment of BRCA mutation-positive advanced ovarian, fallopian tube or peritoneal cancer (TA598)
Pembrolizumab with carboplatin and paclitaxel for untreated metastatic squamous non-small-cell lung cancer (TA600)
Rucaparib for maintenance treatment of relapsed platinum-sensitive ovarian, fallopian tube or peritoneal cancer (TA611)
Neratinib for extended adjuvant treatment of hormone receptor-positive, HER2-positive early stage breast cancer (TA612)
Cladribine for treating relapsing-remitting multiple sclerosis (TA616)
Palbociclib with fulvestrant for treating hormone receptor-positive, HER2-negative, advanced breast cancer (TA619)
Olaparib for maintenance treatment of relapsed platinum-sensitive ovarian, fallopian tube or peritoneal cancer (TA620)
Peginterferon beta-1a for treating relapsing-remitting multiple sclerosis (TA624)
Lenalidomide with rituximab for previously treated follicular lymphoma (TA627)
Lorlatinib for previously treated ALK-positive advanced non-small-cell lung cancer (TA628)
Obinutuzumab with bendamustine for treating follicular lymphoma after rituximab (replacing TA472) (TA629)
Larotrectinib for treating NTRK fusion-positive solid tumours (TA630)
Trastuzumab emtansine for adjuvant treatment of HER2-positive early breast cancer (TA632)
Atezolizumab with carboplatin and etoposide for untreated extensive-stage small-cell lung cancer (TA638)
Atezolizumab for untreated PD-L1-positive, locally advanced or metastatic, triple-negative breast cancer (TA639)
Treosulfan with fludarabine for malignant disease before allogeneic stem cell transplant (TA640)
Brentuximab vedotin in combination for untreated systemic anaplastic large cell lymphoma (TA641)
Gilteritinib for treating relapsed or refractory acute myeloid leukaemia (TA642)
Entrectinib for treating ROS1-positive advanced non-small-cell lung cancer (TA643)
Entrectinib for treating NTRK fusion-positive solid tumours (TA644)
Avelumab with axitinib for untreated advanced renal cell carcinoma (TA645)
Polatuzumab vedotin with rituximab and bendamustine for treating relapsed or refractory diffuse large B-cell lymphoma (TA649)
Pembrolizumab with axitinib for untreated advanced renal cell carcinoma (TA650)

Osimertinib for treating EGFR T790M mutation-positive advanced non-small-cell lung cancer (replacing TA416) (TA653)
Osimertinib for untreated EGFR mutation-positive NSCLC (replacing TA621) (TA654)
Nivolumab for advanced squamous non-small-cell lung cancer after chemotherapy (TA655)
Carfilzomib for previously treated multiple myeloma (replacing TA457) (TA657)
Darolutamide with androgen deprivation therapy for treating hormone-relapsed non-metastatic prostate cancer (TA660)
Pembrolizumab for untreated metastatic or unresectable recurrent head and neck squamous cell carcinoma (TA661)
Venetoclax with obinutuzumab for untreated chronic lymphocytic leukaemia (TA663)
Atezolizumab with bevacizumab for treating advanced or unresectable hepatocellular carcinoma (TA666)
Encorafenib plus cetuximab for previously treated BRAF V600E mutation-positive metastatic colorectal cancer (TA668)
Brigatinib for ALK-positive advanced NSCLC that has not been previously treated with an ALK inhibitor (TA670)
Autologous anti-CD19-transduced CD3+ cells for treating relapsed or refractory mantle cell lymphoma (TA677)
Lenalidomide maintenance treatment after an autologous stem cell transplant for newly diagnosed multiple myeloma (TA680)
Pembrolizumab with pemetrexed for untreated, metastatic, non-squamous NSCLC (replacing TA557) (TA683)
Nivolumab for adjuvant treatment of completely resected melanoma (replacing TA558) (TA684)
Ribociclib with fulvestrant for treating hormone receptor-positive, HER2-negative advanced breast cancer (TA687)
Acalabrutinib for treating chronic lymphocytic leukaemia (TA689)
Avelumab for untreated metastatic Merkel cell carcinoma (TA691)
Olaparib plus bevacizumab for maintenance treatment of advanced ovarian, fallopian tube or primary peritoneal cancer (TA693)
Carfilzomib with dexamethasone and lenalidomide for previously treated multiple myeloma (TA695)

GMMMG Formulary

Formulary Homepage

Chapter 8: Malignant disease & immunosuppression (Complete)

GMMMG Adult Red/Amber/Green; DNP and Grey Drug List

GMMMG Paediatric Red/Amber/Green Drug List

8.1 Cytotoxic drugs		GMMG
8.1 Cytotoxic drugs		
Dexrazoxane Red ££	infusion	PbR X MMC BNF emc
Folinic Acid (as calcium folinate) Red	tablets; injection	BNF emc
Mesna Red	tablets; injection	BNF emc
Palifermin Red	injection	MMC BNF emc
8.1.1 Alkylating drugs		
Busulfan Red	infusion	BNF emc
Bendamustine Red ££	infusion	PbR X NICE MMC BNF emc blueeq MHRA
Carmustine Red	infusion	NICE BNF emc
Chlorambucil Red	tablets	NICE BNF emc
Cyclophosphamide Red	injection; tablets; oral suspension	MMC BNF emc
Ifosfamide Red	injection	BNF emc
Lomustine Red	capsules	BNF emc
Melphalan Red	injection; tablets	BNF emc
Treosulfan Red	injection	NICE MMC BNF emc
		RESTRICTED Haematology Consultants only
		RESTRICTED Adult Haematology / Paediatric Haematology / Oncology

8.1.2 Anthracyclines & other cytotoxic antibiotics

Bleomycin Red injection	  	RESTRICTED Haematology Consultants only
Daunorubicin Red injection	  	RESTRICTED Haematology Consultants only
Doxorubicin Hydrochloride Red  infusion; injection	      	RESTRICTED Haematology Consultants only
Idarubicin Red capsules; injection	  	RESTRICTED Haematology Consultants only

Mitomycin

Red		RESTRICTED Consultants only
injection	  	

Mitoxantrone

Red		RESTRICTED Haematology Consultants only
infusion	  	

Pixantrone

Red  infusion	     	RESTRICTED Haematology Consultants only
8.1.3 Antimetabolites		NICE CG81 NICE CG131

Azacitidine

Red  injection	     	RESTRICTED Haematology Consultants only
Capecitabine Red		

Cladribine

Red  infusion; injection	   	RESTRICTED Haematology Consultants only
Clofarabine Red  infusion	      	RESTRICTED Haematology Consultants only

Cytarabine

Red injection	   	RESTRICTED Haematology Consultants only
Cytarabine / Daunorubicin Red  Vyxeos® 100mg/44mg infusion	      	RESTRICTED Haematology Consultants only

Fludarabine

Red injection; tablets	  	RESTRICTED Haematology Consultants only
Gemcitabine Red	 	RESTRICTED Haematology Consultants only

Mercaptoperine

Red oral suspension; tablets (see also section 1.5.3)	  	
Methotrexate Red	 	

Pemetrexed

Red  infusion	      	RESTRICTED Respiratory Consultants only in line with TA402
Etoposide Red	  	RESTRICTED Haematology Consultants only

Vinblastine Sulfate

Red injection	  	RESTRICTED Haematology Consultants only
Vincristine Sulfate Red	  	RESTRICTED Haematology Consultants only

8.1.4 Vinca alkaloids & etoposide

8.1.5 Other antineoplastic drugs							
Acalabrutinib infusion	Red U £	PbR X	NICE	MMC	BNF	blueeq emc	RESTRICTED Haematology Consultants only
Arsenic Trioxide infusion	Red £	PbR X	NICE	MMC	BNF	blueeq emc	RESTRICTED Haem. Consultants only / also in line with NICE TA526
Asparaginase e-coli infusion	Red			MMC	BNF	blueeq emc	RESTRICTED Haematology Consultants only
Autologous anti-CD19-transduced CD3+ cells Tecartus® infusion	Red £	PbR X	NICE	MMC	BNF	blueeq emc	RESTRICTED Haem. Consultants in line with NICE TA677
Axicabtagene ciloleucel Yescarta® infusion	Red £	PbR X	NICE	MMC	BNF	blueeq emc	RESTRICTED in line with CDF criteria and NICE TA559
Bortezomib injection	Red £	PbR X	NICE	MMC	BNF	blueeq emc	RESTRICTED Haematology Consultants only
Brentuximab Vedotin infusion	Red £	PbR X	NICE	MMC	BNF	blueeq emc	RESTRICTED Haematology Consultants only
Brexucabtagene autoleucel Tecartus® infusion	Red £	PbR X		MMC	BNF	blueeq emc	RESTRICTED Haem. Consultants only in line with CDF
Cabozantinib tablets; capsules	Red £	PbR X	NICE	MMC	BNF	blueeq emc	RESTRICTED Specialist Consultant use only in line with NICE NOT STOCKED
Carfilzomib infusion	Red £	PbR X	NICE	MMC	BNF	blueeq emc	RESTRICTED Haematology Consultants only in line with NICE
Ceritinib capsules	Red £	PbR X	NICE	MMC	BNF	blueeq emc	RESTRICTED Respiratory Consultants only in line with NICE NOT STOCKED
Cetuximab infusion	Red £	PbR X	NICE	MMC	BNF	blueeq emc	RESTRICTED Haematology Consultants only in line with NICE NOT STOCKED
Crisantaspase injection	Red £			BNF	BNF	emc	RESTRICTED Haematology Consultants only
Dacarbazine injection	Red			BNF	BNF	emc	RESTRICTED Haematology Consultants only
Durvalumab infusion	Red £	PbR X	NICE	MMC	BNF	blueeq emc	RESTRICTED Respiratory Consultants only in line with NICE NOT STOCKED
Entrectinib injection	Red £	PbR X	NICE	MMC	BNF	blueeq emc	RESTRICTED Specialist Consultant use only in line with NICE
Eribulin injection	Red £	PbR X	NICE	MMC	BNF	blueeq emc	RESTRICTED Specialist Consultant use only in line with NICE NOT STOCKED
Erlotinib tablets	Red £	PbR X	NICE	MMC	BNF	blueeq emc	RESTRICTED Respiratory Consultants only in line with NICE NOT STOCKED
Everolimus tablets	Red £	PbR X	NICE	MMC	BNF	blueeq emc	RESTRICTED Specialist Consultant use only in line with NICE NOT STOCKED
Hydroxycarbamide capsules; tablets (see below)	Red			BNF	BNF	emc	RESTRICTED Haematology Consultants only
Ipilimumab infusion	Red £	PbR X	NICE	MMC	BNF	blueeq emc	RESTRICTED Dermatology Consultants only in line with NICE NOT STOCKED MHRA
Ixazomib capsules	Red £	PbR X	NICE	MMC	BNF	blueeq emc	RESTRICTED Haematology Consultants only in line with NICE

Lorlatinib Red ££ Lorviqua® tablets	PbR X NICE MMC BNF emc blueeq	RESTRICTED Respiratory Consultants only in line with NICE
Midostaurin Red ££ Rydapt® capsules	PbR X NICE MMC BNF emc blueeq	RESTRICTED Haematology Consultants only in line with NICE
Nintedanib esilate Red ££ Ofev® capsules	PbR X NICE MMC BNF emc blueeq	RESTRICTED Respiratory Consultants only in line with NICE
Nintedanib esilate Red ££ Vargatef® capsules	PbR X NICE MMC BNF emc blueeq	RESTRICTED Respiratory Consultants only in line with NICE NOT STOCKED
Niraparib Red ££ Zejula® capsules	PbR X NICE MMC BNF emc MHRA blueeq	RESTRICTED Gynaecology Consultants only in line with NICE NOT STOCKED
Onasemnogene abeparvovec Red ££ Zolgensma® infusion	PbR X MMC BNF emc blueeq	RESTRICTED Paediatric Neurology Consultants only
Panitumumab Red ££ infusion	PbR X NICE MMC BNF emc blueeq	RESTRICTED Haematology Consultants only in line with NICE NOT STOCKED
Panobinostat Red ££ capsules	PbR X NICE MMC BNF emc blueeq	RESTRICTED Haematology Consultants only in line with TA380
Pegaspargase Red ££ Oncaspar® injection	PbR X NICE MMC BNF emc BNF for children	RESTRICTED Haematology Consultants only
Pembrolizumab Red ££ infusion	PbR X NICE MMC BNF emc MHRA blueeq	RESTRICTED Specialist use only in line with NICE
Pentostatin Red ££ infusion	PbR X NICE MMC BNF emc BNF emc	RESTRICTED Haematology Consultants only
Pertuzumab Red ££ infusion	PbR X NICE MMC BNF emc blueeq	RESTRICTED Specialist Consultant use only in line with NICE NOT STOCKED
Procarbazine Red ££ capsules	PbR X NICE MMC BNF emc BNF for children	RESTRICTED Haematology Consultants only
Sorafenib Red ££ tablets	PbR X NICE MMC BNF emc blueeq	RESTRICTED Haematology Consultants only on line with NICE
Talimogene Laherparepvec Red ££ injection	PbR X NICE MMC BNF emc blueeq	RESTRICTED Dermatology Consultants only in line with TA410
Tisagenlecleucel Red ££ Kymriah® infusion	PbR X NICE MMC BNF emc blueeq	RESTRICTED in line with CDF criteria and NICE TA554 / TA567
Trastuzumab Red ££ infusion; injection	PbR X NICE MMC BNF emc blueeq	RESTRICTED Specialist use only in line with NICE
Venetoclax Red ££ tablets	PbR X NICE MMC BNF emc blueeq	RESTRICTED Specialist use only in line with NICE
Hydroxycarbamide - Essential thrombocythaemia or polycythaemia with high risk of complications		Amber
Hydroxycarbamide - Sickle Cell Disease		Amber
Hydroxycarbamide - Chemotherapy		Red
Platinum compounds		
Cisplatin Red injection	PbR X NICE MMC BNF emc BNF for children	RESTRICTED Haematology Consultants only

Protein kinase inhibitors								
Abemaciclib	Red ££		MHRA	blue teq			RESTRICTED Specialist use only in line with NICE TA579	
Verzenios® tablets		PbR X	NICE	MMC	BNF	emc	NOT STOCKED	
Alectinib	Red ££			blue teq			RESTRICTED Specialist use only in line with NICE TA536	
Alecensa® capsules		PbR X	NICE	MMC	BNF	emc	NOT STOCKED	
Axitinib	Red ££			blue teq			RESTRICTED Haematology Consultants only in line with NICE	
Inlyta® tablets		PbR X	NICE	MMC	BNF	emc	NOT STOCKED	
Bosutinib	Red ££			blue teq			RESTRICTED Haematology Consultants only in line with TA401	
Bosulif® tablets		PbR X	NICE	MMC	BNF	emc		
Brigatinib	Red ££			blue teq			RESTRICTED Specialist use only in line with NICE	
Alunbrig® tablets		PbR X	NICE	MMC	BNF	emc		
Crizotinib	Red ££			blue teq			RESTRICTED Specialist use only in line with NICE	
Xalkori® capsules		PbR X	NICE	MMC	BNF	emc	NOT STOCKED	
Dabrafenib	Red ££			blue teq			RESTRICTED Specialist use only in line with NICE	
Tafinlar® capsules		PbR X	NICE	MMC	BNF	emc		
Dacomitinib	Red ££			blue teq			RESTRICTED Specialist use only in line with NICE	
Vizimpro® tablets		PbR X	NICE	MMC	BNF	emc	NOT STOCKED	
Dasatinib	Red ££			blue teq			RESTRICTED Haematology Consultants only	
Sprycel® tablets; powder for oral suspension		PbR X	NICE	MMC	BNF	emc		
Encorafenib	Red ££			blue teq			RESTRICTED Specialist use only in line with NICE	
Braftovi® capsules		PbR X	NICE	MMC	BNF	emc	NOT STOCKED	
Gefitinib	Red ££			blue teq			RESTRICTED Specialist use only in line with NICE	
tablets		PbR X	NICE	MMC	BNF	emc	NOT STOCKED	
Gemtuzumab ozogamicin	Red ££			blue teq			RESTRICTED Haematology Consultants only	
Mylotarg® injection		PbR X	NICE	MMC	BNF	emc		
Gilteritinib fumarate	Red ££			blue teq			RESTRICTED Haematology Consultants only	
Xospata® tablets		PbR X	NICE	MMC	BNF	emc		
Ibrutinib	Red ££			blue teq			RESTRICTED Haem. Consultants only / also in line with NICE	
Imbruvica® capsules; tablets		PbR X	NICE	MMC	BNF	emc		MHRA Regulating Medicines and Medical Devices
Idelalisib	Red ££			blue teq			RESTRICTED Specialist use only in line with NICE TA359	
Zydelig® tablets		PbR X	NICE	MMC	BNF	emc		
Imatinib	Red ££			BNF our alliance			RESTRICTED Haematology Consultants only	
tablets		PbR X	NICE	MMC	BNF	emc		
Inotuzumab ozogamicin	Red ££			blue teq			RESTRICTED Haematology Consultants only	
Besponsa® 1mg solution for infusion		PbR X	NICE	MMC	BNF	emc		
Larotrectinib sulfate	Red ££			blue teq			RESTRICTED Consultants only in line with NICE	
Vitrakvi® 20mg/mL oral solution		PbR X	NICE	MMC	BNF	emc		
Lenvatinib	Red ££			blue teq			RESTRICTED Specialist use only in line with NICE TA498	
Kisplyx® capsules		PbR X	NICE	MMC	BNF	emc	NOT STOCKED	
Lenvatinib	Red ££			blue teq			RESTRICTED Specialist use only in line with NICE TA535 / 551	
Lenvima® capsules		PbR X	NICE	MMC	BNF	emc	NOT STOCKED	
Neratinib	Red ££			blue teq			RESTRICTED Specialist use only in line with NICE TA612	
Nerlynx® tablets		PbR X	NICE	MMC	BNF	emc	NOT STOCKED	
Nilotinib	Red ££			blue teq			RESTRICTED Haematology Consultants only	
Tasigna® capsules		PbR X	NICE	MMC	BNF	emc		

Osimertinib Tagrisso® tablets	Red ££	PbR X NICE MMC BNF emc blue teal MHRA	RESTRICTED Specialist use only in line with NICE
Palbociclib	Red ££	PbR X NICE MMC BNF emc blue teal MHRA	RESTRICTED Specialist use only in line with NICE
Ibrance® capsules		PbR X NICE MMC BNF emc blue teal MHRA	NOT STOCKED
Ponatinib	Red ££	PbR X NICE MMC BNF emc blue teal MHRA	RESTRICTED Specialist use only in line with NICE TA451
lclusig® tablets		PbR X NICE MMC BNF emc blue teal MHRA	RESTRICTED Specialist use only in line with NICE TA488 / TA555
Regorafenib	Red ££	PbR X NICE MMC BNF emc blue teal MHRA	NOT STOCKED
Stivarga® 40mg tablets		PbR X NICE MMC BNF emc blue teal MHRA	RESTRICTED Specialist use only in line with NICE
Ribociclib	Red ££	PbR X NICE MMC BNF emc blue teal MHRA	NOT STOCKED
Kisqali® 200mg tablets		PbR X NICE MMC BNF emc blue teal MHRA	RESTRICTED Haematology Consultants only in line with TA386
Ruxolitinib	Red ££	PbR X NICE MMC BNF emc blue teal MHRA	RESTRICTED Specialist use only for NF1
Jakavi® tablets		PbR X NICE MMC BNF emc blue teal MHRA	RESTRICTED Specialist use only in line with NICE
Protein kinase inhibitors (cont.)			
Selumetinib	Red ££	PbR X NICE MMC BNF emc blue teal MHRA	NOT STOCKED
Koselugo® capsules		PbR X NICE MMC BNF emc blue teal MHRA	RESTRICTED Specialist use only in line with NICE
Sunitinib	Red ££	PbR X NICE MMC BNF emc blue teal MHRA	NOT STOCKED
Sutent® capsules		PbR X NICE MMC BNF emc blue teal MHRA	RESTRICTED Specialist use only in line with NICE
Tivozanib	Red ££	PbR X NICE MMC BNF emc blue teal MHRA	NOT STOCKED
Fotivda® capsules		PbR X NICE MMC BNF emc blue teal MHRA	RESTRICTED Specialist use only in line with NICE TA396
Trametinib	Red ££	PbR X NICE MMC BNF emc blue teal MHRA	NOT STOCKED
Mekinist® tablets		PbR X NICE MMC BNF emc blue teal MHRA	RESTRICTED Haematology Consultants only
Topoisomerase I inhibitors			
Tretinoin	Red	PbR X NICE MMC BNF emc blue teal MHRA	RESTRICTED Haematology Consultants only
capsules		PbR X NICE MMC BNF emc blue teal MHRA	RESTRICTED Haematology Consultants only
Taxanes			
Paclitaxel	Red	PbR X NICE MMC BNF emc blue teal MHRA	RESTRICTED Haematology Consultants only
Infusion		PbR X NICE MMC BNF emc blue teal MHRA	RESTRICTED Haematology Consultants only
Cabazitaxel	Red ££	PbR X NICE MMC BNF emc blue teal MHRA	RESTRICTED Haematology Consultants only
Jevtana® Infusion		PbR X NICE MMC BNF emc blue teal MHRA	RESTRICTED Haematology Consultants only

8.2 Drugs affecting the immune response

GMMMG

8.2.1 Antiproliferative immunosuppressants

Azathioprine

Amber

tablets; oral solution; injection (see also sections 1.5.3; 10.1.3 & 13.5.3)

PbR X NICE MMC BNF emc

Mycophenolate Mofetil

Amber

capsules; tablets; oral suspension; infusion

PbR X NICE MMC BNF emc

Belatacept

U ££

Nulojix® 25mg/mL injection

PbR X NICE MMC BNF emc

RESTRICTED

Renal Transplant Consultants only
NOT STOCKED

8.2.2 Corticosteroids & other immunosuppressants

Tacrolimus

Amber

capsules; tablets; ointment; oral suspension; infusion; sachets

PbR X NICE MMC BNF emc

Antithymocyte immunoglobulin (Rabbit)

££

injection

PbR X NICE BNF emc

Ciclosporin (Deximunel®) & I.V. (Sandimmun®)

Amber

££

capsules; oral solution; injection

PbR X NICE MMC BNF emc

Sirolimus

Amber

££

oral solution; tablets

PbR X NICE MMC BNF emc

Basiliximab

Red

££

Simulect® injection

PbR X NICE MMC BNF emc

Immunosuppressants - e.g. ciclosporin, tacrolimus, sirolimus

Amber

Red

no SCP

8.2.3 Anti-lymphocyte monoclonal antibodies

Alemtuzumab

Red

££

Lemtrada® infusion

PbR X NICE MMC BNF emc blueeq

RESTRICTED Renal Consultants only
under Patient Access Scheme

Atezolizumab

Red

££

Tecentriq® infusion

PbR X NICE MMC BNF emc blueeq

RESTRICTED Specialist Consultants
in line with NICE

Avelumab

Red

££

Bavencio® infusion

PbR X NICE MMC BNF emc blueeq

RESTRICTED Specialist Consultants
in line with NICE

Blinatumomab

Red

££

Blincyto® infusion

PbR X NICE MMC BNF emc blueeq

RESTRICTED Haematology
Consultants only in line with NICE

Burosumab

Red

££

Crysvita® injection

PbR X NICE MMC BNF emc blueeq

RESTRICTED X-linked hypophosphatemia

Daratumumab

Red

££

Darzalex® infusion

PbR X NICE MMC BNF emc blueeq

RESTRICTED Haematology
Consultants only in line with NICE

Isatuximab

Red

££

infusion

PbR X MMC BNF emc blueeq

RESTRICTED Haematology
Consultants only in line with EAMS

Obinutuzumab

Red

££

Gazyvaro® infusion

PbR X NICE MMC BNF emc blueeq

RESTRICTED Haematology
Consultants only in line with NICE

Pertuzumab

Red

££

Perjeta® infusion

PbR X NICE MMC BNF emc blueeq

RESTRICTED Haematology
Consultants only in line with NICE

Polatuzumab vedotin

Red

££

Polivy® infusion

PbR X NICE MMC BNF emc blueeq

RESTRICTED Haematology
Consultants only in line with NICE

Rituximab

Red

££

injection; infusion (see also section 10.1.3)

PbR X NICE MMC BNF emc blueeq

RESTRICTED Consultants only in line
with NICE / NHSE

8.2.4 Other immunomodulating drugs**Interferon alfa**

Interferon alfa-2a

Red ££

Roferon-A® injection

PbR X



Interferon alfa-2b

Red ££

IntronA®

PbR X



Peginterferon alfa-2a

Red ££

Pegasys®

PbR X



Peginterferon alfa-2b

Red ££

ViraferonPeg®

PbR X

**Interferon beta**

Interferon beta-1a

Red ££

injection

PbR X



Interferon beta-1b

Red ££

injection

PbR X

**BCG bladder instillation**

BCG bladder instillation

Red

OncoTICE®

**Dimethyl Fumarate**

Dimethyl Fumarate

Red ££

Tecfidera® capsules

PbR X

**Fingolimod**

Fingolimod Hydrochloride

Red ££

Gilenya® capsules

PbR X

**Other Agents**

Canakinumab

Red ££

ilaris 150mg/mL injection

PbR X



Cemiplimab

Red ££

50mg/mL injection

PbR X



Dinutuximab beta

Red ££

Qarziba® 4.5mg/mL injection

PbR X



Glatiramer acetate

Red ££

injection

PbR X



Lenalidomide

Red ££

Revlimid® capsules

PbR X



Mifamurtide Red ££		RESTRICTED Specialist use only in line with NICE TA235 NOT STOCKED
Mepact® Intravenous infusion Natalizumab Red ££		RESTRICTED Specialist use only in line with NICE TA127 NOT STOCKED
Tysabri® 300mg infusion Nivolumab Red ££		RESTRICTED Specialist use only in line with NICE MHRA Regulating Medicines and Medical Devices
Opdivo® 10mg/mL infusion Ocrelizumab Red ££		RESTRICTED Specialist use only in line with NICE TA533 / TA585 NOT STOCKED
Ocrevus® 30mg/mL infusion Olaparib Red ££		RESTRICTED Specialist use only in line with NICE NOT STOCKED
capsules; tablets Pomalidomide Red ££		RESTRICTED Haematology only / also in line with NICE TA427
capsules Rucaparib Red ££		RESTRICTED Specialist use only in line with NICE NOT STOCKED
tablets Teriflunomide Red ££		RESTRICTED Specialist use only in line with NICE TA303 NOT STOCKED
Thalidomide Red ££		RESTRICTED Haematology Consultants only
capsules		

8.3 Sex hormones & hormone antagonists in malignant disease		GMMMG
8.3.1 Oestrogens		
Diethylstilbestrol tablets		RESTRICTED Specialist use only
	BNF emc	
8.3.2 Progestogens		
Medroxyprogesterone Acetate tablets		RESTRICTED Specialist use only
	BNF emc	
Megestrol Acetate tablets		RESTRICTED Specialist use only
	BNF emc	
8.3.3 Androgens		
Testolactone tablets		RESTRICTED Specialist use only
	BNF emc	
8.3.4 Hormone Antagonists		
8.3.4.1 Breast Cancer		NICE NG101
Aminoglutethimide tablets		RESTRICTED Specialist use only
	BNF emc	
Anastrozole Green tablets		RESTRICTED Specialist use only
	NICE MMC BNF emc	
Exemestane Green tablets		RESTRICTED Specialist use only
	NICE MMC BNF emc	
Letrozole Green tablets		RESTRICTED Specialist use only
	NICE BNF emc	
Tamoxifen Green tablets; oral solution		RESTRICTED Specialist use only
	NICE BNF emc	
8.3.4.2 Gonadorelin analogues & gonadotrophin-releasing hormone antagonists		
Gonadorelin analogues		
Buserelin Red injection; nasal spray (see also section 6.7.2)		RESTRICTED Specialist use only
	BNF emc	
Goserelin Amber Red implant (also section 6.7.2)		RESTRICTED Specialist use only
	BNF emc	
Leuprorelin Acetate Amber Red injection (also section 6.7.2)		RESTRICTED Specialist use only
	BNF emc	
Triptorelin Amber Red injection (also section 6.7.2)		RESTRICTED Specialist use only
	MMC BNF emc	
Goserelin/Leuprorelin - Licensed Indications (pre-op management prior to endometrial ablation/fibroid surgery)		Amber
Goserelin/Leuprorelin/Triptorelin - Licensed Indications (prostate cancer (all), breast cancer (goserelin))		Amber
Goserelin/Leuprorelin/Triptorelin - Precocious puberty and for testosterone castration in sex offenders (unlicensed in goserelin and leuprorelin)		Red
Goserelin/Leuprorelin/Triptorelin - For all other unlicensed indications (including long term use > 6 months)		Red

Anti-androgens		RESTRICTED Specialist use only
Bicalutamide Green tablets		 
Cyproterone Acetate Amber tablets (see also section 6.4.2)		 
Darolutamide Red  300mg tablets	PbR X NICE MMC BNF emc	RESTRICTED Specialist use only in line with NICE
Flutamide tablets		 
Enzalutamide Red  tablets	PbR X NICE MMC BNF emc	RESTRICTED Specialist use only
Abiraterone Red  Zytiga® tablets	PbR X NICE MMC BNF emc 	RESTRICTED Specialist use only
Gonadotrophin-releasing hormone antagonists		
Degarelix Amber	NICE MMC BNF emc	RESTRICTED Specialist use only in line with NICE TA404
Firmagon® 80mg; 120mg injection		
Other		
Radium-223 dichloride Red  Xofigo® 1,100 kBq/mL injection	PbR X NICE MMC BNF emc  	RESTRICTED Specialist use only in line with NICE TA412 
8.3.4.3 Somatostatin analogues		
Lanreotide Red  injection	PbR X MMC BNF emc	RESTRICTED Consultant only - acromegaly
Octreotide Red  injection	PbR X MMC BNF emc 	RESTRICTED 3 rd line use Gastro. Consultant only
Lutetium (¹⁷⁷ Lu) oxodotreotide Red  Lutathera® injection	PbR X NICE MMC BNF emc  	RESTRICTED Specialist use only in line with NICE TA539 NOT STOCKED

8.4 Miscellaneous preparations

Glucarpidase



££

Voraxaze® 1,000 unit injection (see also sections 1.10, 10.4 & 13.14)

Trifluridine / Tipiracil hydrochloride



££

tablets

PbR X

MMC

emc

GMMG

RESTRICTED
2nd line rescue therapy**RESTRICTED** Specialist use only in
line with NICE TA405**NOT STOCKED**

PbR X

NICE

MMC

BNF

emc

blue teal

Section 9: Nutrition & blood

Supported by the
formulary (click here)



9.1 Anaemias and some other blood disorders

- 9.1.1 Iron deficiency anaemias
- 9.1.1.2 Parenteral iron
- 9.1.2 Drugs used in megaoblastic anaemias
- 9.1.3 Drugs used in hypoplastic, haemolytic & renal anaemias
- 9.1.4 Drugs used in platelet disorders
- 9.1.6 Drugs used in neutropenia
- 9.1.7 Drugs used to mobilise stem cells

9.2 Fluids and electrolytes

- 9.2.1 Oral preparations for fluid & electrolyte imbalance
- 9.2.2 Parenteral preparations for fluid & electrolyte imbalance

9.3 Intravenous nutrition

9.4 Oral nutrition

9.5 Minerals

- 9.5.1 Calcium and magnesium
- 9.5.2 Phosphorus
- 9.5.3 Fluoride
- 9.5.4 Zinc

9.6 Vitamins

- 9.6.1 Vitamin A
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- 9.6.3 Vitamin C (Ascorbic acid)
- 9.6.4 Vitamin D
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- 9.6.6 Vitamin K
- 9.6.7 Multivitamin preparations

9.7 Bitters & tonics

9.8 Metabolic disorders

- 9.8.1 Drugs used in metabolic disorders
- 9.8.2 Acute porphyrias

Trust Guidelines

[Adult medicines and prescribing guidelines](#)
[Paediatric medicines and prescribing guidelines](#)
[Neonatal guidelines \(link to Staffnet site\)](#)
[Non-formulary Conversion Table](#)

NICE Guidance

[Preventing recurrent hypomagnesaemia: oral magnesium glycerophosphate \(ESUOM4\)](#)
[Coeliac disease: recognition, assessment and management \(NG20\)](#)
[Nutrition support in adults \(CG32\)](#)
[Chronic Kidney disease \(stage 4 or 5\): management of hyperphosphataemia \(CG157\)](#)
[Eculizumab for treating atypical haemolytic uraemic syndrome \(HST1\)](#)
[Elosulfase alfa for treating mucopolysaccharidosis type IVa \(HST2\)](#)
[Migalastat for treating Fabry disease \(HST4\)](#)
[Eliglustat for treating type 1 Gaucher disease \(HST5\)](#)
[Asfotase alfa for treating paediatric-onset hypophosphatasia \(HST6\)](#)
[Hyperparathyroidism - cinacalcet \(TA117\)](#)
[Thrombocytopenic purpura - romiplostim \(TA221\)](#)
[Thrombocytopenic purpura - eltrombopag \(TA293\)](#)
[Erythropoiesis-stimulating agents \(epoetin & darbepoetin\) for treating anaemia in chemotherapy \(TA323\)](#)
[Etelcalcetide for treating secondary hyperparathyroidism \(TA448\)](#)
[Sodium zirconium cyclosilicate for treating hyperkalaemia \(TA599\)](#)
[Lusutrombopag for treating thrombocytopenia in people with chronic liver disease needing a planned invasive procedure \(TA617\)](#)
[Patiromer for treating hyperkalaemia \(TA623\)](#)
[Avatrombopag for treating thrombocytopenia in people with chronic liver disease needing a planned invasive procedure \(TA626\)](#)
[Caplacizumab for treating acute acquired thrombotic thrombocytopenic purpura \(TA667\)](#)
[Ravulizumab for treating paroxysmal nocturnal haemoglobinuria \(TA698\)](#)

GMMMG Formulary

[Formulary Homepage](#)
[Chapter 9: Nutrition & Blood \(Complete\)](#)
[GMMMG Adult Red/Amber/Green; DNP and Grey Drug List](#)
[GMMMG Paediatric Red/Amber/Green Drug List](#)

9.1 Anaemias and some other blood disorders		GMMG
9.1.1 Iron deficiency anaemias		
9.1.1.1 Oral iron		
Ferrous Sulfate tablets		1 st line use STANDARD PREPARATIONS ONLY
Ferrous Fumarate tablets; oral solution		
Ferric Maltol Green capsules		
Sodium Feredetate oral solution	MMC BNF emc	LIQUID PREPARATIONS ONLY
Iron & folic acid		
Ferrous Sulfate M/R tablets		
Ferrous Fumarate capsules; tablets		
9.1.1.2 Parenteral iron		
Ferric Carboxymaltose Red Ferinject® injection		RESTRICTED
Iron (III) Isomaltoside 1000 Red Monofer® injection		RESTRICTED
Iron Sucrose Red Venofer® injection		RESTRICTED
9.1.2 Drugs used in megaoblastic anaemias		
Hydroxocobalamin Intramuscular injection; sachets		1 st line use
Cyanocobalamin Green tablets	MMC BNF emc	See BSH guidance British Society for Haematology
9.1.3 Drugs used in hypoplastic, haemolytic & renal anaemias		
Erythropoietins		
Darbepoetin alfa Red injection		RESTRICTED Renal Consultants only
Epoetin Alfa Red injection	PbR X NICE MMC BNF emc	RESTRICTED Renal Consultants only
Epoetin Beta Red injection	PbR X NICE BNF emc	RESTRICTED Renal Consultants only
Sickle-cell disease		
Hydroxycarbamide Amber oral solution; capsules		RESTRICTED Haematology Consultants only
Iron overload		
Deferasirox Red ££ tablets		RESTRICTED Haematology Consultants only
Deferiprone Red ££ tablets	PbR X MMC BNF emc	RESTRICTED Haematology Consultants only
Desferrioxamine Mesilate Red ££ injection	PbR X MMC BNF emc	RESTRICTED Haematology Consultants only

Paroxysmal nocturnal haemoglobinuria & atypical haemolytic uraemic syndrome					
Eculizumab Red ££ infusion	PbR X	NICE	MMC	BNF	blue teq Haematology Consultants only
Ravulizumab Red ££ infusion	PbR X	NICE	MMC	BNF	blue teq Haematology Consultants only NOT STOCKED
9.1.4 Drugs used in platelet disorders					
Anagrelide Red ££ capsules	PbR X	NICE	MMC	BNF	blue teq Haematology Consultants only
Avatrombopag Red ££ Doptelet® tablets	PbR X	NICE	MMC	BNF	blue teq Specialist use only in line with NICE
Caplacizumab Red ££ Cabilivi® injection	PbR X	NICE	MMC	BNF	blue teq Specialist use only in line with NICE NOT STOCKED
Eltrombopag Red ££ tablets	PbR X	NICE	MMC	BNF	blue teq Haematology Consultants only MHRA
Lusutrombopag Red ££ tablets	PbR X	NICE	MMC	BNF	blue teq Specialist use only
Romiplostim Red ££ injection	PbR X	NICE	MMC	BNF	blue teq Haematology Consultants only
9.1.6 Drugs used in neutropenia					
Filgrastim Red ££ injection	PbR X	NICE	MMC	BNF	blue teq Haematology Consultants only
Lenograstim Red ££ injection	PbR X	NICE	MMC	BNF	blue teq Haematology Consultants only
Pegfilgrastim Red ££ injection	PbR X	NICE	MMC	BNF	blue teq Paediatric Haem. Consultants only
9.1.7 Drugs used to mobilise stem cells					
Plerixafor Red ££ injection	PbR X	NICE	MMC	BNF	blue teq Haematology Consultant only NHSE Commissioning

9.2 Fluids and electrolytes		GMMG
9.2.1 Oral preparations for fluid & electrolyte imbalance		
9.2.1.1 Oral potassium		
Potassium Chloride		
Sando-K® effervescent tablets; Kay-Cee-L® syrup	 	
Potassium removal		
Calcium Polystyrene Sulfonate		
Calcium Resonium® powder; enema (unlicensed)	 	
Sodium Zirconium Cyclosilicate		
Red		
Lokelma® powder sachets	   	
9.2.1.2 Oral sodium and water		
Sodium Chloride (Slow Sodium®)		
600mg M/R tablets	 	
Oral Rehydration Therapy (ORT)		
Oral Rehydration Salts (ORS)		
oral powder	 	
9.2.1.3 Oral bicarbonate		
Sodium Bicarbonate		
500mg capsules; 8.4% (1mmol/mL) oral solution	 	
9.2.2 Parenteral preparations for fluid & electrolyte imbalance		
9.2.2.1 Electrolytes & water		
Intravenous sodium		
Sodium Chloride		
infusion; injection	 	
Sodium chloride with other ingredients		
Sodium Chloride & Glucose		
infusion	 	
Sodium Chloride, Calcium Chloride & Potassium Chloride (Ringer's solution)		
infusion	 	
Sodium Chloride, Calcium Chloride, Potassium Chloride & Sodium Lactate		
infusion	 	
Intravenous glucose		
Glucose		
infusion	 	
Intravenous potassium		
Potassium Chloride and Glucose		
infusion	 	
Potassium Chloride and Sodium Chloride		
infusion	 	
Potassium Chloride, Sodium Chloride & Glucose		
infusion	 	
Bicarbonate and lactate		
Sodium Bicarbonate		
1.26%, 2.74%, 4.2% & 8.4% injection; infusion	 	
Water		
Water for Injections		
injection	 	

9.2.2.2 Plasma & plasma substitutes	
Dextran	
Dextran 40 - 10% in sodium chloride 0.9% infusion	
Dextrose Acid Citrate ACDA	
solution	
Gelatin	
Gelofusine® infusion	 

9.3 Intravenous nutrition

Prescribers should seek advice from the MFT Nutrician Support Team (pager service 07659 526240) or the Dietetic Support Teams (General x64668; Renal x64478; Gastro x65781)

BNF

BNF
for children

GMMG

NICE CG32

9.4 Oral nutrition

Prescribers should seek advice from the MFT Nutrician Support Team (pager service 07659 526240) or the Dietetic Support Teams (General x64668; Renal x64478; Gastro x65781)



NICE CG32

9.5 Minerals		GMMG
9.5.1 Calcium and magnesium		
9.5.1.1 Calcium supplements		
Oral preparations		
Calcium Carbonate	Green	
Cacit® effervescent tablets; Calcichew® chewable tablets		BNF emc
Calcium Carbonate & Calcium Lactate Gluconate	Green	
Sandocal® 1000 effervescent tablets		BNF emc
Parenteral preparations		
Calcium Gluconate		
10% injection		BNF emc
Calcium Chloride		
10% injection		BNF emc
with vitamin D		
see section 9.6.4		
with risedronate sodium & colecalciferol		
see section 6.6.2		
9.5.1.2 Hypercalcaemia & hypercalciuria		
Cinacalcet	Red 2 nd HPT Amber 1 st HPT ££	RESTRICTED as per NICE TA117
tablets		
Etelcalcetide	Red ££	RESTRICTED as per NICE TA448
injection		
9.5.1.3 Magnesium		NICE ESUOM4
Magnesium Aspartate Dihydrate		1 st line use
Magnaspionate® sachets		
Magnesium Glycerophosphate		
chewable tablets; capsules; oral solution; tablets	NICE	
Magnesium Sulfate		
injection; infusion		MHRA
9.5.2 Phosphorus		
9.5.2.1 Phosphate supplements		
Phosphate supplements (Phosphate-Sandoz®)		Effervescent tabs
effervescent tablets		
Phosphates (Polyfusor®)	Red	I.V. preparation
infusion		
9.5.2.2 Phosphate-binding agents		NICE CG157
Aluminium Hydroxide	Green	
capsules		
Calcium Carbonate	Green	
tablets (see also section 9.5.1.1)		
Calcium Acetate	Green	
tablets		
Calcium Acetate / Magnesium Carbonate	Green	RESTRICTED Renal Consultants only
Osvaren® 435mg/235mg tablets		

Lanthanum Green ££ chewable tablets; oral powder	MMC BNF emc	RESTRICTED Renal Consultants only
Patiromer Calcium Green ££ Veltassa® oral powder	NICE MMC BNF emc	RESTRICTED Consultants only in line with NICE TA623
Sevelamer Carbonate Green ££ tablets	PbR X MMC BNF emc	RESTRICTED Renal Consultants only
Sucroferric Oxyhydroxide Red ££ chewable tablets	MMC BNF emc	RESTRICTED Renal Consultants only - 3 rd line
9.5.3 Fluoride Sodium Fluoride tablets, paediatric drops, dental rinse	BNF emc	
9.5.4 Zinc Zinc Sulfate Solvazinc® 125mg effervescent tabs; Zincomed® 220mg capsules	BNF emc	

9.6 Vitamins		GMMG
9.6.1 Vitamin A		
Vitamin A		
150,000units/mL drops	  	
Vitamin A Palmitate	  	
100,000units/2mL injection	  	
Vitamins A & D	  	
capsules	  	
9.6.2 Vitamin B group		
Pyridoxine Hydrochloride		
tablets	  	
Thiamine	  	
tablets	  	
Vitamin B Compound	  	
Vitamin B Compound Strong	  	
tablets	  	
Vitamins B & C		
Parbrinex® Intramuscular (IM) & Intravenous (IV) injection	 	
9.6.3 Vitamin C (Ascorbic acid)		
Ascorbic acid		
tablets	  	
9.6.4 Vitamin D		
Alfacalcidol		
Green		
capsules; injection; oral drops	  	
Calcitriol		
capsules; oral solution	  	
Vitamin D and calcium		
Colecalciferol		1st line use
Calcichew D3® Forte tablets	  	
Calcium & Ergocalciferol		
calcium 97mg/vitamin D 400units	  	
Colecalciferol		
Cacit® D3 effervescent granules	  	
9.6.5 Vitamin E (Tocopherols)		
Alpha Tocopheryl Acetate (Vitamin E)		
500mg/5mL liquid	  	
Alpha Tocopheryl Acetate (Vitamin E)		
75 unit capsules	  	
9.6.6 Vitamin K		
Phytomenadione		
Konakion® MM & Konakion® MM Paediatric injection	  	
Menadiol Sodium Phosphate		
oral solution; tablets	  	

9.6.7 Multivitamin preparations		
Vitamins B,C		RESTRICTED
<i>Renavit® tablets</i>	MMC BNF emc	
Vitamins A,D,E,K		RESTRICTED Paediatric CF patients
<i>Paravit-CF® capsules; liquid</i>	MMC BNF emc	

9.7 Bitters & tonics



**Mixtures containing simple and aromatic bitters are traditional remedies for loss of appetite;
there is no evidence to support their use**

9.8 Metabolic disorders		GMMG
9.8.1 Drugs used in metabolic disorders		
Wilson's Disease		
Penicillamine	Amber	
tablets (see also section 10.1.3)		
Trientine Dihydrochloride	Red ££	
capsules		
Carnitine Deficiency		
Levocarnitine	Red	
injection; oral solution		
Fabry's disease		
Agalsidase Alfa	££	
Replagal® infusion		
Migalastat	Red ££	
Galafold® capsules		
Mucopolysaccharidosis		
Galsulfase	Red ££	
Naglazyme® infusion		
Idursulfase	Red ££	
Elaprase® infusion		
Laronidase	Red ££	
Aldurazyme® infusion		
Elosulfase Alfa	Red ££	
Vimizim® infusion		
Nephropathic cystinosis		
Cystagon® (Mercaptamine)	Red ££	
capsules (NB: prescribe as CYSTAGON®)		
Tyrosinemia type I		
Nitisinone	Red ££	
capsules; oral suspension		
Urea cycle disorders		BIMDG
Arginine	Red	
infusion; oral solution		
Carglumic Acid	Red ££	
dispersible tablets		
Citrulline	Red	
powder		
Glycerol Phenylbutyrate	Red	
Ravicti® 1.1g/mL oral liquid		
Sodium Phenylbutyrate	Red ££	
tablets; injection; oral liquid; granules (discontinued)		

Homocystinuria		BIMDG
Betaine Red	££	  
tablets; oral powder		PbR X
Sodium Benzoate injection; oral solution; tablets; powder		  
Uridine		   
Other metabolic disorders		
Asfotase alfa injection	££	    
Eliglustat capsules	££	     
Miglustat capsules	££	     
9.8.2 Acute porphyrias		
Haem Arginate infusion	Red ££	  

Section 10: Musculoskeletal & Joint Diseases

Supported by the
formulary (click here)



10.1 Drugs used in rheumatic diseases & gout

- 10.1.1 Non-steroidal anti-inflammatory drugs
- 10.1.2 Corticosteroids
- 10.1.3 Drugs that suppress the rheumatic disease process
 - Gold
 - Penicillamine
 - Antimalarials
 - Drugs affecting the immune response
 - Cytokine modulators
- 10.1.4 Gout and cytotoxic induced hyperuricaemia
- 10.1.5 Other drugs for rheumatic diseases

10.2 Drugs used in neuromuscular disorders

- 10.2.1 Drugs that enhance neuromuscular transmission
- 10.2.2 Skeletal muscle relaxants
 - Nocturnal leg cramps
- 10.2.3 Drugs used in neuromuscular disorders

10.3 Drugs for the relief of soft-tissue inflammation

- 10.3.1 Enzymes
- 10.3.2 Rubefacients & other topical antirheumatics

10.4 Miscellaneous preparations

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[Adult medicines and prescribing guidelines](#)
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[Non-formulary Conversion Table](#)

NICE Guidance

[Biosimilar Medicines \(KTT15\)](#)
[Osteoarthritis \(CG177\)](#)
[Rheumatoid arthritis in adults: management \(NG100\)](#)
[Ataluren for treating Duchenne muscular dystrophy with a nonsense mutation in the dystrophin gene \(HST3\)](#)
[Hyperuricaemia - febuxostat \(TA164\)](#)
[Psoriasis - ustekinumab \(TA180\)](#)
[Rheumatoid arthritis - drugs for treatment after failure of a TNF inhibitor \(TA195\)](#)
[Psoriatic arthritis - etanercept, infliximab and adalimumab \(TA199\)](#)
[Psoriatic arthritis - golumumab \(TA220\)](#)
[Rheumatoid arthritis \(after the failure of previous DMARDs\) - golumumab \(TA225\)](#)
[Arthritis \(juvenile idiopathic, systemic\) - tocilizumab \(TA238\)](#)
[Rheumatoid arthritis - tocilizumab \(rapid review TA198\) \(TA247\)](#)
[Vasculitis \(anti-neutrophil cytoplasmic antibody-associated\) - rituximab \(with glucocorticoids\) \(TA308\)](#)
[Ustekinumab for treating active psoriatic arthritis \(rapid review of TA313\) \(TA340\)](#)
[Abatacept, adalimumab, etanercept and tocilizumab for treating juvenile idiopathic arthritis \(TA373\)](#)
[Adalimumab, etanercept, infliximab, certolizumab, golumumab, tocilizumab & abatacept for rheumatoid arthritis \(TA375\)](#)
[TNF-alpha inhibitors for ankylosing spondylitis and non-radiographic axial spondyloarthritis \(TA383\)](#)
[Belimumab for treating active autoantibody-positive systemic lupus erythematosus \(TA397\)](#)
[Certolizumab pegol for treating rheumatoid arthritis after inadequate response to a TNF-alpha inhibitor \(TA415\)](#)
[Certolizumab pegol and secukinumab for treating active psoriatic arthritis after inadequate response to DMARDs \(TA445\)](#)
[Collagenase clostridium histolyticum for treating Dupuytren's contracture \(TA459\)](#)
[Adalimumab and dexamethasone for treating non-infectious uveitis \(TA460\)](#)
[Baricitinib for moderate to severe rheumatoid arthritis \(TA466\)](#)
[Autologous chondrocyte implantation for treating symptomatic articular cartilage defects of the knee \(replaces TA89\) \(TA477\)](#)
[Tofacitinib for moderate to severe rheumatoid arthritis \(TA480\)](#)
[Sarilumab for moderate to severe rheumatoid arthritis \(TA485\)](#)
[Lesinurad for treating chronic hyperuricaemia in people with gout \(TA506\)](#)
[Autologous chondrocyte implantation using chondrosphere for symptomatic articular cartilage defects of the knee \(TA508\)](#)
[Tocilizumab for treating giant cell arteritis \(TA518\)](#)
[Ixekizumab for treating active psoriatic arthritis after inadequate response to DMARDs \(TA537\)](#)
[Tofacitinib for treating active psoriatic arthritis after inadequate response to DMARDs \(TA543\)](#)
[Tofacitinib for moderately to severely active ulcerative colitis \(TA547\)](#)
[Nusinersen for treating spinal muscular atrophy \(TA588\)](#)
[Upadacitinib for treating severe rheumatoid arthritis \(TA665\)](#)
[Anakinra for treating Still's disease \(TA685\)](#)

GMMMG Formulary

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[Chapter 10: Musculoskeletal & Joint Diseases \(Complete\)](#)
[GMMMG Adult Red/Amber/Green; DNP and Grey Drug List](#)
[GMMMG Paediatric Red/Amber/Green Drug List](#)

10.1 Drugs used in rheumatic diseases & gout		GMMG
10.1 Drugs used in rheumatic diseases & gout		NICE CG177
10.1.1 Non-steroidal anti-inflammatory drugs (NSAIDs)		NICE NG100
Ibuprofen		1 st line use
200mg; 400mg; 600mg tablets	BNF emc	
Naproxen	BNF emc	
250mg; 500mg tablets	BNF emc	
Celecoxib	MMC BNF emc	RESTRICTED - osteoarthritis in line with NICE CG177
100mg; 200mg capsules	MMC BNF emc	
Diclofenac Sodium	MMC BNF emc	RESTRICTED - acute post-operative pain
50mg tablets	MMC BNF emc	
Flurbiprofen	BNF emc	
50mg tablets	BNF emc	
Mefenamic Acid	BNF emc	
250mg; 500mg tablets	BNF emc	
Meloxicam	BNF emc	
7.5mg; 15mg tablets	BNF emc	
Sulindac	MMC BNF emc	
100mg; 200mg tablets	MMC BNF emc	RESTRICTED Consultant Anaesthetist use only
Etodolac	BNF emc	
600mg tablets	MMC BNF emc	
Phenylbutazone	BNF emc	RESTRICTED Specialist use only, ankylosing spondylitis
100mg; 200mg tablets	BNF emc	
10.1.2 Corticosteroids		
10.1.2.1 Systemic corticosteroids		NICE NG100
Prednisolone	BNF emc	
10.1.2.2 Local corticosteroid injections		NICE NG100
Hydrocortisone Acetate	BNF emc	
25mg/mL injection	BNF emc	
Methylprednisolone Acetate	BNF emc	
40mg/mL injection	BNF emc	
Triamcinolone Acetonide	BNF emc	
10mg/mL; 40mg/mL injection	BNF emc	
Triamcinolone Hexacetonide	BNF emc	RESTRICTED Paediatric Rheumatology Consultants only
20mg/mL injection	MMC BNF emc	
10.1.3 Drugs that suppress the rheumatic disease process		
Gold		NICE NG100
Auranofin	Amber	RESTRICTED Rheumatology Consultants only
tablets	BNF emc	
Sodium Aurothiomalate	Amber	RESTRICTED Rheumatology Consultants only
injection	BNF emc	
Penicillamine		
Penicillamine	Amber	RESTRICTED Rheumatology Consultants only
tablets	BNF emc	

Antimalarials	Hydroxychloroquine Amber tablets	   	RESTRICTED Rheumatology Consultants only
Drugs affecting the immune response	Azathioprine Amber tablets; injection; oral solution (see also sections 1.5.3, 8.2.1 & 13.5.3)	    	NICE NG100 RESTRICTED Rheumatology Consultants only
Ciclosporin Amber capsules; oral solution; injection (see also sections 8.2.2 & 13.5.3)	    	RESTRICTED Consultants only	
Leflunomide Amber tablets	  	RESTRICTED Rheumatology Consultants only	
Methotrexate Amber oral Red parenteral tablets; injections (see also sections 1.5.3, 8.1.3 & 13.5.3)	   	RESTRICTED Consultants only	
Cytokine modulators			
Abatacept Red ££ injection; infusion	    	RESTRICTED Rheumatology Consultants only	
Adalimumab Red ££ injection (see also sections 1.5.3 & 13.5.3)	    	RESTRICTED Consultants only in line with NICE	
Anakinra Red ££ injection	    	RESTRICTED Consultants only in line with NICE	
Baricitinib Red ££ 2mg; 4mg tablets	    	RESTRICTED Rheumatology Consultants only in line with NICE	
Belimumab Red ££ infusion	    	RESTRICTED Consultants only. Financial approval for each patient	
Certolizumab Red ££ injection (see also section 13.5.3)	    	RESTRICTED Rheumatology Consultants in line with NICE	
Etanercept Red ££ injection	    	RESTRICTED Consultants only; in line with NICE	
Golimumab Red ££ injection	    	RESTRICTED Consultants only in line with NICE	
Infliximab Red ££ infusion	    	RESTRICTED Consultants only in line with NICE	
Ixezikumab Red ££ 80mg/1mL injection (see also section 13.5.3)	    	RESTRICTED Consultants only in line with NICE	
Rituximab Red ££ injection; infusion (see also section 8.2.3)	    	RESTRICTED Consultants only in line with NICE / NHSE	
Sarilumab Red ££ Kevzara® 150mg/1.14mL injection	    	RESTRICTED Rheumatology Consultants only in line with NICE	
Secukinumab Red ££ Cosentyx® 150mg/1mL injection	    	RESTRICTED Rheumatology Consultants only in line with NICE	
Tocilizumab Red ££ infusion	    	RESTRICTED Consultants only in line with NICE	
Tofacitinib Red ££ 5mg; 10mg tablets (see also section 1.5.3)	    	RESTRICTED Consultants only in line with NICE	
Upadacitinib Red ££ MR tablet	    	RESTRICTED Consultants only in line with NICE	

Ustekinumab

Red

££

injection; infusion (see also section 13.5.3)

PbR X NICE MMC BNF emc

RESTRICTED Dermatology TA340 /
Gastro 3rd line Crohn's

10.1.4 Gout and cytotoxic induced hyperuricaemia		
Acute attacks of gout		
Colchicine		
tablets	 	
Long-term control of gout		
Allopurinol		1st line use
tablets	 	
Febuxostat		
tablets	   	RESTRICTED Rheumatology Consultants only 
Hyperuricaemia associated with cytotoxic drugs		
Rasburicase	 	
Fasturtec® infusion		   
10.1.5 Other drugs for rheumatic diseases		NICE CG177 NICE TA477 NICE TA508

10.2 Drugs used in neuromuscular disorders



10.2.1 Drugs that enhance neuromuscular transmission

Anticholinesterases

Pyridostigmine Bromide

tablets

Neostigmine

tablets; injection

Edrophonium Chloride

injection

10.2.2 Skeletal muscle relaxants

Baclofen

10mg tablets; 5mg/mL oral solution

Dantrolene Sodium

25mg; 100mg capsules

Diazepam

tablets; liquid; injection; rectal tube (see also sections 4.1.2, 4.8 & 15.1.4.1)

Tizanidine

Amber

2mg; 4mg tablets

Nocturnal leg cramps

Quinine Sulfate

tablets (see also section 5.4.1)

10.2.3 Drugs used in neuromuscular disorders

Ataluren

Red ££

oral suspension sachets

Nusinersen

Red ££

injection



1st line use

RESTRICTED
diagnosis of myasthenia gravis
Licensed product discontinued



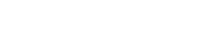
1st line use



RESTRICTED
Consultant Neurologist only



Specialist use only
in line with NICE HST3



Specialist use only
Named patient access

10.3 Drugs for the relief of soft-tissue inflammation



10.3.1 Enzymes

Hyaluronidase

Red

injection

10.3.2 Rubefacients & other topical antirheumatics

Piroxicam

0.5% gel

Capsaicin

RESTRICTED
extravasation



10.3.2 Rubefacients & other topical antirheumatics

Piroxicam

0.5% gel

Capsaicin

MMC BNF emc

Patch restricted to peripheral neuropathic pain specialists at TGH

10.4 Miscellaneous preparations

Glucarpidase



Voraxaze® 1,000 unit injection (see also sections 1.10, 8.4 & 13.14)

PbR X

MMC

emc



RESTRICTED

2nd line rescue therapy

Section 11: Eye

Supported by the
formulary (click here)



11.3 Anti-infective eye preparations

- 11.3.1 Antibacterials
- 11.3.3 Antivirals

11.4 Corticosteroid & other anti-inflammatory preparations

- 11.4.1 Corticosteroids
- 11.4.2 Other anti-inflammatory preparations

11.5 Mydriatics & cycloplegics

11.6 Treatment of glaucoma

11.7 Local anaesthetics

11.8 Miscellaneous ophthalmic preparations

- 11.8.1 Tear deficiency, ocular lubricants & astringents
- 11.8.2 Ocular diagnostic & peri-operative preparations & photodynamic treatment
- 11.8.3 Other preparations

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NICE Guidance

[Glaucoma: diagnosis and management \(NG81\)](#)
[Macular degeneration \(age related\) ranibizumab & pegaptanib \(TA155\)](#)
[Macular oedema \(retinal vein occlusion\) - dexamethasone \(TA229\)](#)
[Macular oedema \(diabetic\) - ranibizumab \(TA274\)](#)
[Macular oedema \(retinal vein occlusion\) - ranibizumab \(TA283\)](#)
[Macular degeneration \(wet age-related\) - aflibercept \(1st line\) \(TA294\)](#)
[Vitreomacular traction - ocriplasmin \(TA297\)](#)
[Choroidal neovascularisation \(pathological myopia\) - ranibizumab \(TA298\)](#)
[Diabetic macular oedema - fluocinolone acetonide intravitreal implant \(rapid review of TA271\) \(TA301\)](#)
[Macular oedema \(central retinal vein occlusion\) - aflibercept solution for injection \(TA305\)](#)
[Aflibercept for treating diabetic macular oedema \(TA346\)](#)
[Dexamethasone intravitreal implant for treating diabetic macular oedema \(TA349\)](#)
[Ciclosporin for treating dry eye disease that has not improved despite treatment with artificial tears \(TA369\)](#)
[Aflibercept for treating visual impairment caused by macular oedema after branch retinal vein occlusion \(TA409\)](#)
[Adalimumab and dexamethasone for treating non-infectious uveitis \(TA460\)](#)
[Holoclar for treating limbal stem cell deficiency after eye burns \(TA467\)](#)
[Aflibercept for treating choroidal neovascularisation \(TA486\)](#)
[Cenegermin for treating neurotrophic keratitis \(TA532\)](#)
[Fluocinolone acetonide intravitreal implant for treating recurrent non-infectious uveitis \(TA590\)](#)
[Voretigene neparvovec for treating inherited retinal dystrophies caused by RPE65 gene mutations \(HST11\)](#)
[Brolucizumab for treating wet age-related macular degeneration \(TA672\)](#)

GMMMG Formulary

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11.3 Anti-infective eye preparations

11.3.1 Antibacterials

Chloramphenicol

0.5% eye drops, 1% eye ointment

Fusidic Acid (ophthalmic)



BNF emc

1% eye drops

Amikacin (ophthalmic)



2.5% eye drops

Amphotericin

0.15% eye drops

Azithromycin (ophthalmic)



Azyter® 1.5% eye drops

Ceftazidime (ophthalmic)



5% eye drops

Cefuroxime (ophthalmic)



5% eye drops

Chlorhexidine (ophthalmic)



0.02% eye drops

Ciprofloxacin (ophthalmic)



0.3% eye drops

Erythromycin (ophthalmic)



0.5% eye ointment

Gentamicin (ophthalmic)



1.5% eye drops (Use with cefuroxime eye drops)

Levofloxacin (ophthalmic)



0.5% eye drops

Ofloxacin



0.3% eye drops

Penicillin (ophthalmic)



2,500 units/mL eye drops

Polyhexamethylene Biguanide (PHMB)



0.02% eye drops

Polymyxin B Sulfate

eye ointment

Propamidine Isetionate



0.1% eye drops

Vancomycin (ophthalmic)



5% eye drops

Natamycin



5% eye drops



BNF emc



BNF emc

RESTRICTED microbial keratitis.
Consultant Ophthalmologist only

NOT STOCKED

RESTRICTED Consultant
Ophthalmologist onlyRESTRICTED Consultant
Ophthalmologist only

MMC BNF emc

RESTRICTED Consultant
Ophthalmologist only

NOT STOCKED

RESTRICTED Consultant
Ophthalmologist onlyRESTRICTED acanthamoeba keratitis.
Consultant only

BNF emc

RESTRICTED microbial keratitis.
Consultant Ophthalmologist onlyRESTRICTED superficial eye
infections

BNF emc

RESTRICTED Consultant
Ophthalmologist only

BNF emc

RESTRICTED Consultant only corneal
ulcers/ keratitis

MMC BNF emc

RESTRICTED Consultant
Ophthalmologist only

BNF emc

RESTRICTED microbial keratitis.
Consultant Ophthalmologist only

BNF emc

NOT STOCKED

RESTRICTED gram negative bacteria,
including pseudomonas

BNF emc

RESTRICTED Consultant
Ophthalmologist only

BNF emc

RESTRICTED gram positives,
including MRSA but not VRE
NOT STOCKED

BNF emc

RESTRICTED fungal keratitis,
conjunctivitis, fungal blepharitis

11.3.3 Antivirals

Ganciclovir

Green

0.15% eye gel

Trifluorothymidine

U Red

1% eye drops



BNF

emc



BNF

emc

11.4 Corticosteroid & other anti-inflammatory preparations



11.4.1 Corticosteroids

Betamethasone

0.1% eye drops & ointment



BNF



Dexamethasone

0.1% eye drops & minims



BNF



Dexamethasone (intravitreal implant)

Red

££

Ozurdex® 700micrograms intravitreal implant



NICE

MMC

BNF



Fluocinolone Acetonide

Red

££

Iluvien® 190micrograms intravitreal implant



NICE

MMC

BNF



Prednisolone

0.5% & 1% eye drops; 0.5% minims



BNF



Fluorometholone

Red

0.1% eye drops

Hydrocortisone sodium phosphate

Softacort® 3.35 mg/mL PF single use eye drops



BNF



Triamcinolone Acetonide

Red

U

Kenalog® 40mg/mL injectable suspension



BNF



Triamcinolone Acetonide

Red

Triesence® 40mg/mL injectable suspension



BNF



Triamcinolone Acetonide

Red

Intracinal® 40mg/mL ophthalmic suspension



BNF



Corticosteroids preparations with antibiotics

Betamethasone / Neomycin Sulphate

0.1% / 0.5% eye drops (Betnesol-N®)



BNF



Dexamethasone / Neomycin Sulphate / Polymyxin B Sulphate

1 mg/mL : 3500 IU/mL : 6000 IU/mL (Maxitrol® eye drops & ointment)



BNF



11.4.2 Other anti-inflammatory preparations

Sodium Cromoglicate

2% eye drops



BNF



Antazoline with Xylometazoline

0.5% eye drops



BNF



Azelastine

0.05% eye drops



BNF



Ketotifen hydrogen fumarate

Ketofall® 0.25mg/mL PF eye drops



BNF



Lodoxamide

0.1% eye drops



BNF



Olopatadine

1mg/mL eye drops



BNF



Potassium Ascorbate

U

10% eye drops



BNF



**RESTRICTED as per NICE TA229;
TA349 & TA460**

**RESTRICTED as per NICE
TA301 & TA590**

**RESTRICTED
intralesional injection in skin grafts**

**RESTRICTED uveitis; sympathetic
ophthalmia**

**RESTRICTED opacification of the
vitreous humour**

**RESTRICTED allergic conjunctivitis,
children only**

**RESTRICTED Seasonal allergic
conjunctivitis**

**RESTRICTED for management of
chemical burns to the cornea**

11.5 Mydriatics & cycloplegics



Antimuscarinics

Atropine Sulphate

1% minims

Cyclopentolate Hydrochloride

1% eye drops, 0.5% & 1% minims

Tropicamide

0.5% & 1% eye drops, 0.5% & 1% minims

Sympathomimetics

Phenylephrine Hydrochloride

2.5% & 10% minims

Sympathomimetics with tropicamide

Phenylephrine Hydrochloride with Tropicamide

Mydriaser® 5.4mg / 280micrograms ophthalmic insert



10% contraindicated in children & the elderly

RESTRICTED Pre-operative mydriasis in cataract patients



11.6 Treatment of glaucoma

NICE NG81
Beta-blockers
Timolol

0.25% & 0.5% eye drops


BNF

Timolol once-daily

 0.25% eye drops, *Tiopex®* 0.1% gel, 0.5% long-acting ophthalmic gel

BNF

Betaxolol

0.25% & 0.5% eye drops, 0.25% minims


BNF

Levobunolol Hydrochloride

0.5% eye drops


BNF

Prostaglandin analogues and prostamides
Travoprost

40 microgram/mL eye drops


MMC
BNF

Latanoprost

50 microgram/mL eye drops


BNF

Latanoprost (preservative free)

50 microgram/mL preservative free eye drops


MMC
BNF

Bimatoprost

100 microgram/mL eye drops


MMC
BNF

Prostaglandin analogues (combination products)
Latanoprost / Timolol

50microgram/mL / 5mg/mL eye drops; preservative free eye drops


MMC
BNF

Sympathomimetics
Brimonidine Tartrate

0.2% eye drops


MMC
BNF

Apraclonidine

Green or Red

RESTRICTED to delay laser treatment / surgery in uncontrolled glaucoma

0.5%; 1% eye drops


BNF

Carbonic anhydrase inhibitors & systemic drugs
Acetazolamide

Green

 250mg tablets; *Diamox SR®* 250mg capsules

BNF

Brinzolamide

10mg/mL eye drops


BNF

Dorzolamide

2% eye drops; also preservative free


BNF

Dorzolamide / Timolol

Cosopt® 2% eye drops; also preservative free


BNF

Brinzolamide / Brimonidine
RESTRICTED glaucoma patients in whom monotherapy provides insufficient IOP reduction

Simbrinza® 2% eye drops


MMC
BNF

Miotics
Pilocarpine

1%, 2% & 4% eye drops, 2% minims


BNF

Pilocarpine

4% ophthalmic gel


BNF


11.7 Local anaesthetics



Ocular Local anaesthetics

Lidocaine (Lignocaine) and Fluorescein (minims)

4% / 0.25% eye drops

Oxybuprocaine (minims)



0.4% eye drops

Proxymetacaine (minims)



0.5% eye drops

Tetra-aminic (Amphotericin B)



1% & 2% eye drops

1% & 2% eye drops



11.8 Miscellaneous ophthalmic preparations



Other preparations

Ciclosporin (eye)



2% eye drops



RESTRICTED Consultant
Ophthalmologist only

Ciclosporin (*Ikervis*®)



1mg/mL eye drops



RESTRICTED Consultant
Ophthalmologist only
in line with NICE TA369

Ciclosporin (*Verkazia*®)



1mg/mL eye drops



Sodium Chloride



Red

5% eye drops



Botulinum toxin type A

Xeomin® solution for injection



RESTRICTED Consultant
Ophthalmologist only

11.8.1 Tear deficiency, ocular lubricants & astringents

Hypromellose

0.3% eye drops



Acetylcysteine



Ilube® 5% eye drops



Alteplase

25microgram in 0.1mL intravitreal injection



Carbomers

Viscotears® 0.2% eye drops



Carmellose Sodium

Celluvisc® 0.5% eye drops



Hydroxyethylcellulose

Minims® Artificial Tears preservative free eye drops



Liquid Paraffin

Laci-Lube® ointment



Poly (carboxymethylglucose sulfate)

Cacicol® eye drops (0.33mL)



Polyvinyl Alcohol

Liquifilm Tears® 1.4% eye drops



Sodium Chloride (minims)

0.9% eye drops



Sodium Hyaluronate

Hylo-Forte® 0.2% eye drops



11.8.2 Ocular diagnostic & peri-operative preparations & photodynamic treatment

Ocular diagnostic preparations

Fluorescein Sodium

1% & 2% preservative free eye drops



Indocyanine green (ICG)

RESTRICTED
Specialist use only

Verdyte® 5mg/mL injection



Ocular peri-operative drugs

Acetylcholine Chloride

1% intraocular irrigation



Apraclonidine

Iopidine® 0.5% eye drops; 1% preservative free eye drops



RESTRICTED Consultant
Ophthalmologist only

RESTRICTED Consultant
Ophthalmologist only

Ketorolac Trometamol Red	 	RESTRICTED Consultant Ophthalmologist only
Acular® 0.5% eye drops		
Bromfenac		RESTRICTED Consultant only for pseudophakic CMO
Yellox® 0.9 mg/mL eye drops	  	
Nepafenac		RESTRICTED. 1st line post cataract surgery in diabetics. 2nd line CMO
Nevanac® 1 mg/mL eye drops	  	
Povidone-Iodine 5% eye drops	 	RESTRICTED Consultant Ophthalmologist only
Heavy Silicone oil	 	RESTRICTED intraocular tamponade of inferior retinal breaks
Densiron® 68 - 10mL syringe	 	
Subfoveal choroidal neovascularisation		
Aflibercept Red 		RESTRICTED Consultant Ophthalmologist only
Eylea® 40mg in 1mL injection	    	
Bevacizumab Red  		RESTRICTED Consultant Ophthalmologist only
Avastin® 100mg in 4mL vial	    	
Brolucizumab Red 		RESTRICTED Consultant Ophthalmologist only
Beovu® 120mg in 1mL injection	    	
Ranibizumab Red 		RESTRICTED Consultant Ophthalmologist only
Lucentis® 10mg/mL injection	    	
Verteporfin Red 		RESTRICTED Consultant Ophthalmologist only
Visudyne® 15mg vial	   	
Vitreomacular traction		
Ocriplasmin Red 		RESTRICTED Consultant Ophthalmologist only
Jetrea® 0.5 mg/0.2mL injection	    	
11.8.3 Other preparations		
Voretigene		
Voretigene neparvovec Red 		RESTRICTED Consultant Ophthalmologist in line with NICE
Luxturna® 2mL vial	   	

Section 12: Ear, nose & oropharynx

Supported by the
formulary (click here)



12.1 Drugs acting on the ear

- 12.1.1 Otitis externa
- 12.1.3 Removal of ear wax

12.2 Drugs acting on the nose

- 12.2.1 Drugs used in nasal allergy
- 12.2.2 Topical nasal decongestants
- 12.2.3 Nasal preparations for infection

12.3 Drugs acting on the oropharynx

- 12.3.1 Drugs for oral ulceration & inflammation
- 12.3.2 Oropharyngeal anti-infective drugs
- 12.3.4 Mouthwashes, gargles & dentifrices
- 12.3.5 Treatment of dry mouth

Trust Guidelines

[Adult medicines and prescribing guidelines](#)
[Paediatric medicines and prescribing guidelines](#)
[Neonatal guidelines \(link to Staffnet site\)](#)
[Non-formulary Conversion Table](#)

NICE Guidance

[Otitis media \(acute\): antimicrobial prescribing \(NG91\)](#)

GMMMG Formulary

[Formulary Homepage](#)
[Chapter 12: Ear, nose & oropharynx \(Complete\)](#)
[GMMMG Adult Red/Amber/Green; DNP and Grey Drug List](#)
[GMMMG Paediatric Red/Amber/Green Drug List](#)

12.1 Drugs acting on the ear



12.1.1 Otitis externa

Astringent preparations

Aluminium Acetate

ear drops



Anti-inflammatory preparations

Betamethasone Sodium Phosphate

Bethesol® 0.1% ear drops

Prednisolone Sodium Phosphate

Predsol® 0.5% ear drops

Anti-inflammatory with antibacterial preparations

Dexamethasone / Neomycin Sulphate

Otomize® 0.1% / 3250u per mL ear spray

Dexamethasone / Framycetin Sulphate / Gramicidin

Sofradex® 0.05% / 0.5% / 0.005% ear/eye drops

Flumetasone Pivalate / Clioquinol

Locorten-Vioform® 0.02% / 1% ear drops

Hydrocortisone / Gentamicin

1% / 0.3% ear drops

Hydrocortisone / Neomycin Sulfate / Polymyxin B Sulphate

Otosporin® 1% : 3400u/mL : 10,000u/mL ear drops

Anti-infective preparations

Ciprofloxacin

Green

Cetraxal® 0.2% ear drops

Clotrimazole

1% ear drops

12.1.3 Removal of ear wax

Chlorobutanol / Arachis oil

Cerumol® ear drops

Olive oil ear drops

ear drops

Sodium Bicarbonate

5% ear drops

12.2 Drugs acting on the nose



12.2.1 Drugs used in nasal allergy

Antihistamines

Azelastine Hydrochloride

140micrograms nasal spray



BNF



Corticosteroids

Beclometasone Dipropionate

1st line use

50micrograms nasal spray



BNF



Betamethasone Sodium Phosphate

0.1% nose drops



BNF



Mometasone Furoate

1st line use nasal polyps

50micrograms nasal spray



MMC



Fluticasone Furoate

Avamys® 27.5micrograms nasal spray



MMC



Fluticasone Propionate / Azelastine Hydrochloride

Green

RESTRICTED 3rd line use

Dymista® 50micrograms / 137micrograms nasal spray



MMC



Cromoglicate

Sodium Cromoglicate

4% nasal spray



BNF



12.2.2 Topical nasal decongestants

Sympathomimetics

Ephedrine Hydrochloride

1st line use

0.5%; 1% nasal drops



BNF



Sodium Chloride

0.9% nasal drops



BNF



Xylometazoline Hydrochloride

0.1% nasal drops



BNF



Antimuscarinics

Ipratropium Bromide

Rhinorrhoea associated with allergic & non-allergic rhinitis

0.03% nasal spray



BNF



12.2.3 Nasal preparations for infection

Chlorhexidine Dihydrochloride / Neomycin

1st line use staphylococcal infections

Naseptin® 0.1% / 0.5% nasal cream



BNF



Mupirocin

RESTRICTED only if MRSA has been identified

2% nasal ointment



BNF



12.3 Drugs acting on the oropharynx



12.3.1 Drugs for oral ulceration & inflammation

Local Analgesics

Benzydamine Hydrochloride

Green

0.15% oral rinse; 0.15% spray

Carmellose Sodium

30g protective paste

Corticosteroids

Hydrocortisone

muco-adhesive buccal tablets

12.3.2 Oropharyngeal anti-infective drugs

Oropharyngeal fungal infections

Nystatin

100,000 units/mL oral suspension

Miconazole

2% oral gel

12.3.4 Mouthwashes, gargles & dentifrices

Chlorhexidine Gluconate

0.2% mouthwash; 1% dental gel

12.3.5 Treatment of dry mouth

Local treatment

AS Saliva Orthana®

spray; lozenges

BioXtra®

oral gel

Systemic treatment

Pilocarpine

5mg tablets

Treatment of Dental Caries

Silver Diamine Fluoride (SDF) 38%

liquid



**RESTRICTED Consultant use only
following irradiation for head & neck
cancer**

Section 13: Skin

Supported by the
formulary (click here)



13.2 Emollient & barrier preparations

- 13.2.1 Emollients
- 13.2.2 Barrier preparations

13.3 Topical local anaesthetics & antipruritics

13.4 Topical corticosteroids

13.5 Preparations for eczema & psoriasis

- 13.5.1 Preparations for eczema
- 13.5.2 Preparations for psoriasis
- 13.5.3 Drugs affecting the immune response
 - Cytokine Modulators

13.6 Acne & Rosacea

- 13.6.1 Topical preparations for acne
- 13.6.2 Oral preparations for acne

13.7 Preparations for warts & calluses

13.8 Sunscreens & camouflagers

- 13.8.1 Sunscreen preparations

13.9 Shampoos & other preparations for scalp/hair conditions

13.10 Anti-infective skin preparations

- 13.10.1 Antibacterial preparations
- 13.10.2 Antifungal preparations
- 13.10.3 Antiviral preparations
- 13.10.4 Parasiticidal preparations
- 13.10.5 Preparations for minor cuts & abrasions

13.11 Skin cleansers, antiseptics & desloughing agents

- 13.11.1 Alcohols & saline
- 13.11.2 Chlorhexidine salts
- 13.11.4 Iodine
- 13.11.6 Oxidisers & dyes
- 13.11.7 Desloughing agents

13.12 Antiperspirants

13.13 Topical circulatory preparations

13.14 Miscellaneous preparations

Trust Guidelines

Adult medicines and prescribing guidelines
 Paediatric medicines and prescribing guidelines
 Neonatal guidelines (link to Staffnet site)
Non-formulary Conversion Table

NICE Guidance

Biosimilar Medicines (KTT15)
 Atopic eczema in children (CG57)
 Surgical site infection (CG74)
 Psoriasis: assessment and management (CG153)
 Pressure Ulcers (CG179)
 Pubic lice CKS (2011)
 Scabies CKS (2011)
 Acne vulgaris CKS (2014)
 Head lice CKS (2015)
 Atopic dermatitis (eczema) - topical steroids (TA81)
 Atopic dermatitis (eczema) - pimecrolimus and tacrolimus (TA82)
 Psoriasis - efalizumab and etanercept (TA103)
 Psoriasis - infliximab (TA134)
 Psoriasis - adalimumab (TA146)
 Alitretinoin for the treatment of severe chronic hand eczema (TA177)
 Psoriasis - ustekinumab (TA180)
 Melanoma (stage III or IV) - ipilimumab (TA268)
 Melanoma (BRAF V600 mutation positive, unresectable metastatic) - vemurafenib (TA269)
 Ustekinumab for treating active psoriatic arthritis (rapid review of TA313) (TA340)
 Secukinumab for treating moderate to severe plaque psoriasis (TA350)
 Adalimumab for treating moderate to severe hidradenitis suppurativa (TA392)
 Nivolumab in combination with ipilimumab for treating advanced melanoma (TA400)
 Apremilast for treating moderate to severe plaque psoriasis (replaces TA368) (TA419)
 Apremilast for treating active psoriatic arthritis (TA433)
 Ixekizumab for treating moderate to severe plaque psoriasis (TA442)
 Adalimumab, etanercept and ustekinumab for treating plaque psoriasis in children and young people (TA455)
 Dimethyl fumarate for treating moderate to severe plaque psoriasis (TA475)
 Brodalumab for treating moderate to severe plaque psoriasis (TA511)
 Guselkumab for treating moderate to severe plaque psoriasis (TA521)
 Dupilumab for treating moderate to severe atopic dermatitis (TA534)
 Certolizumab pegol for treating moderate to severe plaque psoriasis (TA574)
 Tildrakizumab for treating moderate to severe plaque psoriasis (TA575)
 Risankizumab for treating moderate to severe plaque psoriasis (TA596)
 Baricitinib for treating moderate to severe atopic dermatitis (TA681)

EMA (efalizumab)

GMMMG Formulary

Formulary Homepage
 Chapter 13: Skin (Complete)
GMMMG Adult Red/Amber/Green; DNP and Grey Drug List
GMMMG Paediatric Red/Amber/Green Drug List

13.2 Emollient & barrier preparations		GMMG
13.2.1 Emollients		
Non-Proprietary emollient preparations		
Aqueous cream BP		
cream	  	
Emulsifying ointment BP		
ointment	  	
Liquid & white soft paraffin		
ointment	  	
Paraffin, white soft BP		
white petroleum jelly	  	
Paraffin, yellow soft BP		
yellow petroleum jelly	  	
Proprietary emollient preparations		
Diprobase®		
cream; ointment	  	
Doublebase®		
gel	  	
Hydromol®		
cream; ointment	  	
Oilatum®		
Preparations containing urea		
Balneum® Plus		
With antimicrobials	  	
Dermol® & Dermol® 500		RESTRICTED patients unable to tolerate 1st / 2nd line antimicrobial washes
MMC	  	
13.2.1.1 Emollient bath and shower preparations		
Balneum® & Balneum Plus®		
Oilatum®	  	
With antimicrobials	  	
Dermol® 600		
bath emollient	  	
Oilatum® Plus		2nd line MRSA decolonisation therapy
bath emollient	  	
13.2.2 Barrier preparations		Nappy care guidelines
Proprietary barrier preparations		
Metanium®		2nd line only at parental request
ointment	  	
Sudocrem®		2nd line only at parental request
cream	  	

13.3 Topical local anaesthetics & antipruritics		GMMG
13.3 Topical local anaesthetics & antipruritics		
Crotamiton		
cream; lotion	 	
Mepyramine Maleate		
2% w/w cream		

13.4 Topical corticosteroids		GMMG	
Corticosteroid only preparations		NICE TA81	
HYDROCORTISONE		Potency	
Canesten HC®	hydrocortisone 1% plus clotrimazole 1% cream	  	Mild
Daktacort®	hydrocortisone 1%, miconazole nitrate 2% cream; ointment	  	Mild
Eurax-Hydrocortisone®	hydrocortisone 0.25%, crotamiton 10% cream	  	Mild
Fucidin H®	hydrocortisone 1%, fusidic acid 1% cream	  	Mild
BETAMETHASONE ESTERS	Betamethasone valerate		Potency
	0.025% ointment, cream	  	Moderate
Betnovate-RD®	Betamethasone valerate 0.025% cream; ointment	  	Moderate
CLOBETASONE BUTYRATE			Potency
Eumovate®	0.05% cream; ointment	  	Moderate
BETAMETHASONE ESTERS	Betamethasone valerate		Potency
	0.1% ointment; cream; lotion; scalp lotion	  	Potent
Betnovate®	0.1% cream; ointment; scalp application; lotion	  	Potent
Betamethasone valerate / Clioquinol	0.1% / 3% ointment; cream	  	Potent
Betamethasone valerate / Neomycin sulfate	0.1% / 0.5% cream; ointment	  	Potent
Diprosalic®	Betamethasone dipropionate 0.05%, salicylic acid 3% ointment	  	Potent
Fucibet®	Betamethasone valerate 0.1% plus fusidic acid 2% cream	  	Potent
Betnovate®	ointment 25% in coal tar	  	Potent
CLOBETASOL PROPIONATE			DERMATOLOGY ONLY
Dermovate®	clobetasol propionate 0.05% ointment; cream; lotion; scalp lotion	  	Very potent
Dermovate NN®	clobetasol propionate 0.05% / neomycin / nystatin cream	  	Very potent
Etrivex®	clobetasol propionate 500 micrograms/g shampoo	  	RESTRICTED - 1st Care referral

13.5 Preparations for eczema & psoriasis		GMMMG
13.5.1 Preparations for eczema		
Alitretinoin Red		RESTRICTED Dermatology Consultants only
10mg; 30mg capsules	PbR X NICE MMC BNF emc	
13.5.2 Preparations for psoriasis		
Topical preparations for psoriasis		NICE CG153
Calcipotriol		RESTRICTED Dermatology Consultants only
Dovonex® ointment; with Betamethasone (Dovobet® 0.05% ointment)		
Dithranol Green Red (unlicensed preps)		RESTRICTED Dermatology Consultants only
Dithocream® 0.1% & 0.25% cream		
Salicylic acid		RESTRICTED Dermatology Consultants only
Zinc & Salicylic acid paste BP (Lassar's Paste)		
Tacalcitol		RESTRICTED Dermatology Consultants only
Curatoderm® lotion; ointment		
Tars		
Coal tar paste BP paste		RESTRICTED Dermatology Consultants only
Cocois® scalp ointment		RESTRICTED Dermatology Consultants only
Oral retinoids for psoriasis		
Acitretin Red		RESTRICTED Dermatology Consultants only
10mg; 25mg capsules		
Dimethyl Fumarate		
Dimethyl Fumarate Red		RESTRICTED 3 rd /4 th line as per NICE/GMMMG Referral to SRFT
30mg; 120mg tablets	PbR X NICE MMC BNF emc	
13.5.3 Drugs affecting the immune response		
Azathioprine Amber		RESTRICTED Dermatology Consultants only
25mg; 50mg tablets (see also sections 1.5.3, 8.2.1 & 10.1.3)		
Ciclosporin Amber		RESTRICTED Dermatology Consultants only
25mg, 50mg & 100mg caps; 100mg/1mL oral soln; Infusion (see also section 8.2.2)	PbR X MMC BNF emc	
Methotrexate Amber		RESTRICTED Dermatology Consultants only
2.5mg tablets (see also sections 8.1.3 & 10.1.3)	MMC BNF emc	
Pimecrolimus Green		RESTRICTED Dermatology Consultants only
1% cream	NICE MMC BNF emc	
Tacrolimus (specially made by SRFT) Green		RESTRICTED Dermatology Consultants only
0.03%; 0.1% ointment	NICE MMC BNF emc	

Cytokine Modulators		(see also section 10.1.3)
Adalimumab Red	££	RESTRICTED Dermatology Consultants only
injection (see also section 10.1.3)		PbR X NICE MMC BNF emc
Apremilast Red	££	RESTRICTED 3rd/4th line as per NICE/GMMMG Referral to SRFT
10mg; 20mg; 30mg tablets		
Brodalumab Red	££	RESTRICTED Dermatology only in line with NICE
140mg/mL injection		
Certolizumab Red	££	RESTRICTED Dermatology only in line with NICE
200mg injection (see also section 10.1.3)		
Dupilumab Red	££	RESTRICTED Dermatology only in line with NICE
150mg/mL injection		
Etanercept Red	££	RESTRICTED Dermatology Consultants only
injection (see also section 10.1.3)		
Guselkumab Red	££	RESTRICTED Dermatology only in line with NICE
100mg/mL injection		
Infliximab Red	££	RESTRICTED Dermatology only in line with NICE
100mg injection (see section 10.1.3)		
Ixekizumab Red	££	RESTRICTED Dermatology only in line with NICE
80mg/1mL injection		
Risankizumab Red	££	RESTRICTED Dermatology only in line with NICE
75mg injection		NOT STOCKED
Secukinumab Red	££	RESTRICTED Dermatology only in line with NICE
150mg/1mL injection		
Tildrakizumab Red	££	RESTRICTED Dermatology only in line with NICE
100mg injection		NOT STOCKED
Ustekinumab Red	££	RESTRICTED Dermatology NICE TA180 & 455 / Gastro 3 rd line Crohn's
injection (see section 10.1.3)		

13.6 Acne & Rosacea		GMMG
13.6.1 Topical preparations for acne		NICE CKS: Acne
For mild to moderate acne, use topical benzyl peroxide or a topical retinoid 1st line. Topical antibiotic should be reserved for patients who have not responded to other topical preparations.		
Benzyl peroxide & azelaic acid		
Benzoyl Peroxide		1 st line
4% cream; 5% gel	 	
Azelaic acid		2 nd line
Skinoren® 20% cream	 	
Topical antibacterials for acne		
Clindamycin		2 nd / 3 rd line
Dalacin T® 1% topical lotion	 	
Erythromycin		2 nd / 3 rd line
Zineryt® 40mg/mL erythromycin; zinc acetate 12mg/mL lotion	 	
Topical retinoids & related preparations for acne		
Adapalene		1 st line
Differin® 0.1% cream; 0.1% gel	 	
Topical retinoids with antibacterial		
Isotretinoin with Erythromycin		RESTRICTED Dermatology Consultants only
Isotrexin® 500micrograms/1g : 20mg/1g gel	 	
13.6.2 Oral preparations for acne		NICE CKS: Acne
Oral antibiotics should be reserved for moderate to severe acne or where topical preparations have failed. Please refer to Chapter 5.		
Lymecycline		RESTRICTED GP referral only
408mg capsules (see also section 5.1.3)	  	
Hormone treatment for acne		
Co-cyprindiol		RESTRICTED GP referral only
Cyproterone acetate 2mg / ethinylestradiol 35micrograms tablets	 	
Oral retinoid for acne		
Isotretinoin		RESTRICTED Dermatology Consultants only
Red		
5mg; 10mg; 20mg; 40mg capsules	 	

13.7 Preparations for warts & calluses		GMMG
13.7 Preparations for warts & calluses		
Salicylic acid		
ointment; liquid	 	
Silver Nitrate		RESTRICTED Dermatology Consultants only
pencil	 	
Anogenital warts		
Podophyllotoxin		1st line
0.15% cream	 	
Imiquimod <small>Green</small>	  	RESTRICTED GUM Consultant only
5% cream		

13.8 Sunscreens & camouflagers		GMMG
13.8.1 Sunscreen preparations		
Photodamage		
Methyl-5-Aminolevulinate 		RESTRICTED Dermatology Consultants & Vulval Intraepithelial Neoplasia (VIN) only
160mg/g cream	MMC BNF emc	
Diclofenac Sodium	 BNF emc	RESTRICTED Dermatology Consultants
Solaraze® 3% gel		
Fluorouracil / Salicylic acid		RESTRICTED Dermatology Consultants as per MMC
Actikeral® 0.5% / 10% cutaneous solution	MMC BNF emc	
Ingenol Mebutate		RESTRICTED Dermatology Consultants for GP recommendation
Picato® 150 micrograms/g gel (face & scalp); 500 micrograms/g gel (trunk & extremities)	MMC BNF emc	 MHRA Regulating Medicines and Medical Devices

13.9 Shampoos & other preparations for scalp / hair conditions		GMMG
Shampoos		
Ketoconazole		RESTRICTED persistent / severe seborrhoeic dermatitis / dandruff
Nizoral® 2% shampoo	  	
Capasal®	  	RESTRICTED Dermatology Consultants only
coal tar 1%, coconut oil 1% &, salicylic acid 0.5% shampoo	  	
Ceanel Concentrate®	  	RESTRICTED Dermatology Consultants only
cetrimide 10%, undecenoic acid 1% & phenylethyl alcohol 7.5% shampoo	  	
Other scalp preparations		
Polytar®	  	
40mg/mL coal tar scalp shampoo	  	
Hirsutism		
Eflornithine		RESTRICTED Dermatology Consultants only
Vaniqa® 11.5% cream	  	



13.10 Anti-infective skin preparations

13.10.1 Antibacterial preparations

Topical antibacterials should generally be avoided for the treatment of infections

13.10.1.1 Antibacterial preparations only used topically

Mupirocin

2% cream; ointment

Fusidic acid

2% cream; ointment

Metronidazole

0.75% topical gel; cream

Silver Sulfadiazine

1% w/w cream

13.10.2 Antifungal preparations

Amorolfine

5% nail lacquer

Benzoic acid ointment, compound, BP

benzoic acid 6% / salicylic acid 3% / in emulsifying ointment

Clotrimazole

1% cream

Miconazole

2% cream

Terbinafine

1% cream

13.10.3 Antiviral preparations

Aciclovir

5% cream

13.10.4 Parasiticidal preparations

Ivermectin

tablets

Malathion

0.5% aqueous solution

Permethrin

1% crème rinse; 5% dermal cream

13.10.5 Preparations for minor cuts & abrasions

Proflavine cream, BPC

0.1% cream

Brulidine

0.15% w/w cream

Preparations for boils

Magnesium Sulfate

paste, BP

Skin tissue adhesive

Histoacryl®

0.5mL skin adhesive



RESTRICTED
superficial impetigo

RESTRICTED
topical treatment of rosacea

RESTRICTED
Treatment/prophylaxis of burns

1st line
antifungal for nail infections

1st line
treatment of ringworm

1st line
fungal skin infections

2nd line
fungal skin infections

2nd line
fungal skin infections

1st line

NICE CKS: Head lice

NICE CKS: Pubic lice

NICE CKS: Scabies

Scabies, Head, Body & Pubic lice guidelines

RESTRICTED
Theatres only

RESTRICTED
Theatres only

13.11 Skin cleansers, antiseptics & desloughing agents		GMMG
13.11.1 Alcohols & saline		
Isopropyl Alcohol 70%		 
Sodium Chloride		 
0.9% irrigation solution		 
13.11.2 Chlorhexidine salts		
Chlorhexidine Gluconate		 
13.11.4 Iodine		
Alcoholic Iodine solution BP		 
Iodine weak solution		 
Povidone-Iodine		 
13.11.6 Oxidisers & dyes		
Hydrogen Peroxide solution, BP		RESTRICTED Specialist use only
3% solution; 6% solution		 
Potassium Permanganate		RESTRICTED Specialist use only
400mg tablets for cutaneous solution		 
13.11.7 Desloughing agents		
CONTACT THE TISSUE VIABILITY TEAM on x64042		

13.12 Antiperspirants	GMMG
Aluminium salts	
Aluminium Chloride Hexahydrate	
20% solution	 
Glycopyrronium Bromide	
Glycopyrronium Bromide	
Robinul®	 
Glycopyrrolate	  
	   
0.5% cream	RESTRICTED Diabetes Consultants only (gustatory sweating)

13.13 Topical circulatory preparations

Topical circulatory preparations

Hirudoid®

0.3% cream; 0.3% gel

GMMG



13.14 Miscellaneous preparations		GMMG
8-Methoxysoralen  10mg tablets	MMC 	RESTRICTED Dermatology Consultants only
Fumaric Acid Esters  Fumaderm® tablets	MMC 	RESTRICTED Dermatology Consultants only
Glucarpidase  FF Voraxaze® 1,000 unit injection (see also sections 1.10, 8.4 & 10.4)	PbR X MMC 	RESTRICTED 2 nd line rescue therapy
Hyaluronic acid / Lidocaine  Juvederm® / Belotero® injection	MMC 	RESTRICTED vocal cord paralysis

Section 14: Immunological products & vaccines

Supported by the
formulary (click here)



14.4 Vaccines & antisera

- Bacillus Calmette-Guérin (BCG) vaccines
- Botulism antitoxin
- Diphtheria vaccines (children under 10yrs old)
- Diphtheria vaccines (children over 10yrs old & adults)
- Haemophilus type B conjugate vaccine
- Hepatitis A vaccine
- Hepatitis B vaccine
- Human papilloma virus vaccine
- Influenza vaccine
- Measles, Mumps & Rubella (MMR) vaccine
- Meningococcal vaccines
- Pneumococcal vaccines
- Poliomyelitis vaccines
- Rabies vaccines
- Tetanus vaccines
- Typhoid vaccines
- Varicella-zoster vaccines

14.5 Immunoglobulins

- 14.5.1 Normal immunoglobulin
- 14.5.2 Disease-specific immunoglobulins
- 14.5.3 Anti-D (Rh_0) immunoglobulin

Trust Guidelines

[Adult medicines and prescribing guidelines](#)
[Paediatric medicines and prescribing guidelines](#)
[Neonatal guidelines \(link to Staffnet site\)](#)
[Guidelines for the Prescribing and Administration of Intravenous Immunoglobulin](#)
[Immunoglobulin follow up form](#)
[Immunoglobulin Prescribing and Administration Guidelines](#)
[Immunoglobulin Prescribing Flow Chart](#)
[Immunoglobulin request form](#)
[National Demand Programme for Immunoglobulin - Clinical Info](#)
[Non-formulary Conversion Table](#)

NICE Guidance

[Pregnancy - routine anti-D prophylaxis for rhesus negative women \(TA156\)](#)

GMMMG Formulary

[Formulary Homepage](#)
[Chapter 14: Immunological products & vaccines \(Complete\) IN DEVELOPMENT](#)
[GMMMG Adult Red/Amber/Green; DNP and Grey Drug List](#)
[GMMMG Paediatric Red/Amber/Green Drug List](#)

Other Links

[National Immunoglobulin Database](#)
[DH: Clinical guidelines for immunoglobulin use \(2nd edition update\)](#)
[Immunoglobulin handbook \(HPA\)](#)

14.4 Vaccines & antisera

Bacillus Calmette-Guérin (BCG) vaccines

Bacillus Calmette-Guérin (BCG) vaccine

injection

BCG vaccine diagnostic agent (Tuberculin purified protein derivative (PPD))



BNF



injection

Botulism antitoxin

Botulism antitoxin

RESTRICTED
Emergencies only

injection

Diphtheria vaccines (children under 10yrs old)

Pediacel®



BNF



injection

Infanrix-IPV+Hib®

injection

Infanrix-IPV®

injection

Repevax®

injection

Diphtheria vaccines (children over 10yrs old & adults)

Revaxis®

injection

Haemophilus type B conjugate vaccine

Haemophilus Influenzae B vaccine

Hiberix® injection

Haemophilus Influenzae B & Meningitis C vaccine

Menitorix® injection

Hepatitis A vaccine

Hepatitis A vaccine single component

Havrix Monodose®; Havrix Junior Monodose®; Vaqta® Paediatric injection

Hepatitis B vaccine

Hepatitis B single component

Engerix B®; Engerix B® Paediatric injection

Hepatitis B single component

HBvaxPRO®; HBvaxPRO® Paediatric injection

Human papilloma virus (HPV) vaccine

Human Papilloma Virus (HPV) quadrivalent vaccine

RESTRICTED
Paediatric Immunology Consultant

Gardasil® injection

Influenza vaccine

Influenza vaccine

injection, intranasal

Measles, Mumps & Rubella (MMR) vaccine

Measles, Mumps & Rubella vaccine

injection

Meningococcal vaccines

Meningococcal Polysaccharide A, C, W135 & Y vaccine

injection

Meningococcal group B vaccine

RESTRICTED to childhood
immunisation schedule & high risk
patients

Bexsero® injection



MMC



Meningococcal group C vaccine		
injection	 	
Pneumococcal vaccines		
Pneumococcal Polysaccharide vaccine		
injection	 	
Poliomyelitis vaccines		
Poliomyelitis vaccine inactivated		
injection	 	
Rabies vaccines		
Rabies vaccine inactivated		RESTRICTED Not Stocked
Rabipur® injection	 	
Tetanus vaccines		
Tetanus vaccine adsorbed		
injection	 	
Typhoid vaccines		
Typhoid polysaccharide vaccine		
Typhim Vi® injection	 	
Varicella-zoster vaccines		
Varicella-Zoster live attenuated vaccine		
Varivax® injection	 	

14.5 Immunoglobulins

14.5.1 Normal immunoglobulin Red (for ITP & home treatment programmes)

For intramuscular use

Normal immunoglobulin injection

Red

££

injection

PbR X

BNF
for children

emc+

RESTRICTED
Specialist use only

IVIG Request Form

For subcutaneous use

Normal immunoglobulin injection

Red

££

injection

PbR X

BNF
for children

emc+

RESTRICTED
Specialist use only

IVIG Request Form

For intravenous use

Human normal immunoglobulin

Red

££

injection

PbR X

BNF
for children

emc+

RESTRICTED
Specialist use only

IVIG Request Form

14.5.2 Disease-specific immunoglobulins

Hepatitis B immunoglobulin

Hepatitis B immunoglobulin

injection

BNF
for children

emc+

RESTRICTED
Not Stocked

Tetanus immunoglobulin

Tetanus immunoglobulin

injection

BNF
for children

emc+

RESTRICTED
Not Stocked

Varicella-Zoster immunoglobulin

Varicella-Zoster immunoglobulin

Green

injection

BNF
for children

emc+

Cytomegalovirus (CMV) immunoglobulin

Human normal immunoglobulin (CMV)

injection

BNF
for children

emc+

RESTRICTED
Specialist use only

14.5.3 Anti-D (Rh_0) immunoglobulin

Anti-D (Rh_0) immunoglobulin

Red

injection

NICE
MMC

BNF
for children

emc+

BNF

for children

emc+

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Section 15: Anaesthesia

Supported by the
formulary (click here)



15.1 General anaesthesia

- 15.1.1 Intravenous anaesthetics
- 15.1.2 Inhalational anaesthetics
- 15.1.3 Antimuscarinic drugs
- 15.1.4 Sedative & analgesic post-operative drugs
 - 15.1.4.1 Benzodiazepines
 - 15.1.4.2 Non-opioid analgesics
 - 15.1.4.3 Opioid analgesics
 - 15.1.4.4 Other drugs for sedation
- 15.1.5 Neuromuscular blocking drugs
 - Non-depolarising neuromuscular blocking drugs
 - Depolarising neuromuscular blocking drugs
- 15.1.6 Drugs for reversal of neuromuscular blockade
 - Anticholinesterases
 - Other drugs for reversal of neuromuscular blockade
- 15.1.7 Antagonists for central & respiratory depression
- 15.1.8 Drugs for malignant hyperthermia

15.2 Local anaesthesia

- Local Anaesthetic Toxicity
- Other agents

Trust Guidelines

Adult medicines and prescribing guidelines
Paediatric medicines and prescribing guidelines
Neonatal guidelines (link to Staffnet site)
Paediatric Anaesthesia Website
Children's Pain Management Website
PICU Emergency Drugs Calculator
[Non-formulary Conversion Table](#)

NICE Guidance

Sedation in under 19s: using sedation for diagnostic and therapeutic procedures (CG112)

GMMMG Formulary

Formulary Homepage
Chapter 15: Anaesthesia (Complete) **IN DEVELOPMENT**
GMMMG Adult **Red/Amber/Green**; DNP and Grey Drug List
GMMMG Paediatric **Red/Amber/Green** Drug List

15.1 General anaesthesia

15.1.1 Intravenous anaesthetics

Etomidate

injection

Ketamine

Red



injection

Propofol

injection; infusion

Thiopental Sodium

injection

15.1.2 Inhalational anaesthetics

Volatile liquid anaesthetics

Desflurane

RESTRICTED
Theatres only

anaesthetic agent

Isoflurane

anaesthetic agent

Methoxyflurane

RESTRICTED
ED only

Penthrox® inhalation vapour

Sevoflurane

anaesthetic agent

Nitrous oxide

Nitrous Oxide

Nitrous Oxide 50% & Oxygen 50%

Entonox®

15.1.3 Antimuscarinic drugs

Atropine Sulfate

Adults 600microgram/1mL
I.M. or I.V.

600microgram/1mL injection

Glycopyrronium Bromide

Adults 200-400microgram I.V.

200micrograms/1mL; 600micrograms/3mL injection

Hyoscine Hydrobromide

400microgram/mL injection

15.1.4 Sedative & analgesic post-operative drugs

15.1.4.1 Benzodiazepines

Diazepam

NICE CG112

tablets; liquid; injection; rectal tube (see also sections 4.1.2 & 4.8.2)

Lorazepam

tablets; injection (see also sections 4.1.2 & 4.8.2)

Midazolam

Green



oromucosal solution; injection; infusion (see also section 4.8.2)

Temazepam

Yellow

tablets; oral solution (see also section 4.1.1)

15.1.4.2 Non-opioid analgesics

Ketorolac Trometamol

injection

Parecoxib

injection



RESTRICTED
Theatres only - acute postop. pain



15.1.4.3 Opioid analgesics

Alfentanil



injection



Fentanyl



injection (see also section 4.7.2)



Remifentanil



injection

**RESTRICTED**
Specialist use only**15.1.4.4 Other drugs for sedation**

Dexmedetomidine

infusion

**RESTRICTED**
Specialist use only**15.1.5 Neuromuscular blocking drugs****Non-depolarising neuromuscular blocking drugs**

Atracurium Besilate

injection



Cisatracurium

injection

**RESTRICTED**
Consultant only

Mivacurium

injection



Rocuronium Bromide

injection



Vecuronium Bromide

injection

**Depolarising neuromuscular blocking drugs**

Suxamethonium Chloride

injection

**15.1.6 Drugs for reversal of neuromuscular blockade****Anticholinesterases**

Neostigmine Metilsulfate

injection



Neostigmine Metilsulfate with Glycopyrronium Bromide

injection

**Other drugs for reversal of neuromuscular blockade**

Sugammadex

injection

**RESTRICTED - Consultant**
(Emergency) use in Theatres only
Complete Trust incident & audit forms**15.1.7 Antagonists for central & respiratory depression**

Doxapram Hydrochloride

injection (see also section 3.5.1)



Flumazenil

injection



Naloxone Hydrochloride

injection

**15.1.8 Drugs for malignant hyperthermia**

Dantrolene Sodium

injection



AAGBI SAFETY GUIDELINE	
15.2 Local anaesthesia	
Lidocaine Hydrochloride	
Lidocaine	
0.5%, 1% & 2% injection	 
with adrenaline	
Lidocaine with Adrenaline	
1%, 2% injection	 
for surface anaesthesia	
Lidocaine with Chlorhexidine	
Instillagel® 2% gel	 
Lidocaine with Prilocaine	
EMLA® 5% cream	 
Lidocaine	
4% topical solution	 
Lidocaine	
Larygojet® 4% (160mg/4mL) jet spray	 
Lidocaine	
5% ointment	 
Lidocaine	
Xylocaine® 10% spray	 
Lidocaine	RESTRICTED Consultant / specialist pain team only
Versatis® 700mg medicated plaster	  
Bupivacaine Hydrochloride	
Bupivacaine Hydrochloride	
0.25% Infusion (500mL)	 
Bupivacaine Hydrochloride with Glucose	
Marcain Heavy® 0.5% Injection	 
with adrenaline	
Bupivacaine and Adrenaline	
0.25% with 1:200,000 injection	 
Bupivacaine and Adrenaline	
0.5% with 1:200,000 injection	 
with other ingredients	
Bupivacaine and Fentanyl	
	
0.125% with 1mg/500mL infusion	 
Bupivacaine and Sodium Chloride	
0.08% in 0.9%	 
Bupivacaine Hydrochloride with Glucose	
20mg with 320mg/4mL spinal injection	 
Levobupivacaine	
Levobupivacaine	
Chirocaine® 25mg/10mL; 50mg/10mL; 75mg/10mL injection; epidural 250mg/200mL	  
Levobupivacaine with Fentanyl	
	
0.1% with 2microgram/mL epidural	 

Prilocaine Hydrochloride		
Prilocaine Hydrochloride	  	
Citanest® 1% injection		
Prilocaine Hydrochloride	  	
Priotekal® 2% injection		
Prilocaine with Felypressin	  	
Octapressin® 3% cartridges (30mg/mL Citanest with 0.54micrograms/mL)	  	
Ropivacaine Hydrochloride		
Ropivacaine		For Consultant use on CDU (elective CS), Theatre 1 (ortho) & wards 1 & 2 (following surgery in Th. 1)
injection; infusion	  	
Tetracaine (Amethocaine)		
Tetracaine		RESTRICTED children under 1yr by specific doctor request or /V team
4% gel	  	
Local Anaesthetic Toxicity		AAGBI SAFETY GUIDELINE
Intralipid 20%		
20% injection	  	
Other agents		
Cocaine	  	
5% solution	  	
Ethyl Chloride		
Cryogesic® spray	  	
Mepivacaine Hydrochloride		
3% injection	  	
Neomycin Sulfate / Fluocinolone Acetonide / Lidocaine Hydrochloride		RESTRICTED Paediatrics. Intra-urethral steroid ointment
Nefluan® 10g gel	 	

Section 16: Miscellaneous

Supported by the
formulary (click here)



16.1 Organ Perfusion Fluids

- 16.1.1 Cardiac Perfusion Fluids
- 16.1.2 Kidney / Pancreas / Liver perfusion fluids
- 16.1.3 Contrast Agents

Trust Guidelines

[Adult medicines and prescribing guidelines](#)
[Paediatric medicines and prescribing guidelines](#)
[Neonatal guidelines \(link to Staffnet site\)](#)
[Non-formulary Conversion Table](#)

NICE Guidance

[Machine perfusion systems and cold static storage of kidneys from deceased donors \(TA165\)](#)

GMMMG Formulary

[Formulary Homepage](#)
[GMMMG Adult Red/Amber/Green; DNP and Grey Drug List](#)
[GMMMG Paediatric Red/Amber/Green Drug List](#)

16.1 Organ Perfusion fluids

16.1.1 Cardiac perfusion fluids

Aspartate / Glutamate Solution



100mL

MMC

Bretschneiders Histidine-Tryptophan-Ketoglutarate (HTK)



Custodiol Cardioplegia® solution (1000mL)

Cardioplegia in Ringer's Solution



1000mL

MMC



Cardioplegic ULTH Formula A



500mL

MMC

Cardioplegic ULTH Formula B



500mL

MMC

Sterile Concentrate for Cardioplegia Infusion

20mL

MMC



16.1.2 Kidney / Pancreas / Liver perfusion fluids

Cold Storage Solution (UW Solution)

Belzer UW® (1000mL)

Kidney Perfusion Fluid

MMC



Soltran® (1000mL)

Lung Perfusion Solution

MMC



Perfadex® (1000mL)

Machine Perfusion Solution

MMC



Belzer MPS® UW machine perfusion solution (1000mL)

16.1.3 Contrast Agents

Gadobutrol

Gadovist® (1.0mmol/mL) injection

Gadoteric acid

MMC



Dotarem® (0.5mmol/mL) injection

Gadoxetic acid

MMC



Primovist® (0.25mmol/mL) injection

Perflutren

MMC



Luminy® (150microlitres/mL) lipid microspheres for injection

Sulphur Hexafluoride

MMC



SonoVue® (8microlitre/mL) injection

MMC

