

<b>BNF Chapter</b>	
<b>Section 1:</b>	<b>Gastro-Intestinal System</b>
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**Version 8.7 (August 2023)**



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 1<sup>st</sup> or 2<sup>nd</sup> line options)

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

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

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

1<sup>st</sup> 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 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 or specialist service. This may include arranging for supply via a home care company.

#### Amber

Drugs suitable for shared care arrangements under a shared care protocol.

Prescribing and monitoring responsibilities may be transferred from specialist teams to primary care prescribers in line with a shared care protocol. Shared care arrangements will usually be supported by a GMMMG shared care protocol (SCP). [See here for a list of GMMMG approved SCPs.](#)

#### Green

Drugs that are suitable for initiation and ongoing prescribing within primary care.

#### Green specialist initiation

Drugs that are suitable for ongoing prescribing within primary care following initiation by a specialist service. Little or no monitoring is required.

#### Green following specialist recommendation

Drugs that are suitable for initiation by primary care following written or verbal advice from a specialist service. Little or no monitoring is required.

#### Do Not Prescribe: DNP

Products which are not recommended for prescribing in any setting. "Do Not Prescribe" status may relate to a specific medicine, or to prescribing for a particular indication. This is in addition to all medicines with a "not NHS" or "Drugs of Low Clinical Value" classification in the BNF, and those medicines with a NICE "Do not do" recommendation.

#### Grey: Grey

Products which are not suitable for routine prescribing but suitable for exceptional use in a defined patient population. Prescribers should ensure that more suitable alternatives have been considered and ruled out as not being appropriate before recommending or prescribing a medicine with a GREY list status. In these cases a RAG of RED, AMBER or GREEN will also be assigned to clarify in which care setting prescribing responsibility lies.

#### Unlicensed: U

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 **U**

## MMC Medicines Management Committee decision tables

### emc Summary of Product Characteristics

### blueeq Blueteq Enabled Forms

### BNF British National Formulary (BNF)

### Controlled Drug

### BNF for children British National Formulary for Children (BNFC)

### High Cost Medicine

### NICE NICE guidance

### PbR X 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 Protocols

## 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)

Commission on Human Medicines (CHM)

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)

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 Alginates & 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 H<sub>2</sub>-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)  
 Tofacitinib for moderately to severely active ulcerative colitis (TA547)  
 Daravatstrocel 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)  
 Budesonide orodispersible tablet for inducing remission of eosinophilic oesophagitis (TA708)  
 Filgotinib for treating moderately to severely active ulcerative colitis (TA792)  
 Teduglutide for treating short bowel syndrome (TA804)  
 Ozanimod for treating moderately to severely active ulcerative colitis (TA828)  
 Upadacitinib for treating moderately to severely active ulcerative colitis (TA856)  
 Risankizumab for previously treated moderately to severely active Crohn's disease (TA888)  
 Upadacitinib for previously treated moderately to severely active Crohn's disease (TA905)

## 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



1<sup>st</sup> line use

195/220 suspension<sup>SF</sup>

Magnesium Trisilicate



suspension

#### **Simeticone alone (activated dimeticone)**

Simeticone



**RESTRICTED**  
Paediatric use only

Infaco® 40mg/mL liquid

### 1.1.2 Compound Algicates & Proprietary Indigestion Preparations

Alginate raft-forming oral suspensions<sup>SF</sup>



suspension

## 1.2 Anti-spasmodics & other drugs altering gut motility

### **Antimuscarinics**

Hyoscine Butylbromide

tablets; injection

Glycopyrronium Bromide (Glycopyrrolate)

Green

(*Robinul®*, *Sialanar®*) tablets; injection; oral solution; cream

### **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](#))



BNF

emc



MMC

BNF

emc



BNF

emc



BNF

emc



BNF

emc

1<sup>st</sup> line use

1<sup>st</sup> line use

Use where 1<sup>st</sup> line unsuitable



MHRA



MHRA

## 1.3 Antisecretory drugs & mucosal protectants



### 1.3.1 H<sub>2</sub>-receptor antagonists

Famotidine

Green

20mg; 40mg tablets

MMC BNF emc

Ranitidine

150mg; 300mg tablets

BNF emc



### 1.3.3 Chelates & Complexes

Sucralfate

Green

1g tablets; oral suspension (restricted Wythenshawe)

MMC BNF emc

Bismuth Subsalicylate (Pepto-Bismol®)

BNF emc

262.5mg chewable tablets

MMC BNF emc

### 1.3.5 Proton Pump Inhibitors

Omeprazole

10mg; 20mg; 40mg capsules; 40mg infusion

NICE BNF emc

Lansoprazole

15mg &amp; 30mg capsules; 15mg &amp; 30mg orodispersible tablets

NICE MMC BNF emc

Esomeprazole

40mg infusion

MMC BNF emc

RESTRICTED

Adults, H. Pylori eradication regime

RESTRICTED

tablets - enteral feeding tubes / dysphagia

RESTRICTED

PPI indicated / enteral route not available/appropriate

**Other PPIs are not available at this Trust**

## 1.4 Acute diarrhoea

### 1.4.2 Antimotility Drugs

Loperamide hydrochloride

2mg capsules; 1mg/5mL syrup<sup>SF</sup>

NICE

BNF emc

Codeine Phosphate

15mg; 30mg & 60mg tablets

BNF emc

Teduglutide

Red

££

Revestive® injection

PbR X NICE MMC BNF emc

BNF blue teq

**1<sup>st</sup> line use**

**RESTRICTED**

Adults - high output stomas

**RESTRICTED Gastro. Consultants  
only in line with NICE TA804**

## 1.5 Chronic bowel disorders



### 1.5.1 Aminosalicylates

Mesalazine

Green

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

**PRESCRIBE BY BRAND NAME**

Balsalazide Sodium



750mg capsules

### 1.5.2 Corticosteroids & Enemas

Prednisolone

**1<sup>st</sup> line use**

5mg tablets

Budesonide (*Budenofalk* ®)

3mg capsules; rectal foam

Budesonide (*Jorveza* ®)

Green



1mg orodispersible tablets

Budesonide

Green



3mg CR capsules

Hydrocortisone



foam enema

Short chain fatty acid enema

U

Nutricol® enema



### 1.5.3 Drugs Affecting the Immune Response

Azathioprine

Amber

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



Cyclosporin (oral and I.V. preparations)

Amber

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



Mercaptopurine

Amber

tablets; oral suspension (see also section 8.1.3)



Methotrexate (s/c and oral preparations)

Amber

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



Ozanimod

Red ££

Zeposia® capsules



Vedolizumab

Red ££

infusion

**RESTRICTED**  
Adults - Gastro. Consultants only**1<sup>st</sup> line use****RESTRICTED** Gastro. Consultants in line with NICE TA828**RESTRICTED** Gastro. Consultants in line with NICE TA342 & TA352

**Cytokine Modulators**

Adalimumab

Red

injection (see also sections 10.1.3, 11.4.2 &amp; 13.5.3)



**RESTRICTED** Gastro. Consultants for Crohn's Disease & Ulcerative colitis as per NICE

Infliximab

Red

infusion (see also sections 10.1.3 &amp; 13.5.3)



**RESTRICTED** Gastro. Consultants for Crohn's Disease & Ulcerative colitis as per NICE

Filgotinib

Red

100mg; 200mg tablets (see also section 10.1.3)



**RESTRICTED** Gastro. Consultants for Ulcerative colitis as per NICE



Golimumab

Red

injection (see also sections 10.1.3)



**RESTRICTED** Gastro. Consultants for Crohn's Disease & Ulcerative colitis as per NICE

Risankizumab

Red

75mg; 150mg injection



**RESTRICTED**  
Specialist use only in line with NICE TA888

Tofacitinib

Red

tablets (see also sections 10.1.3)



**RESTRICTED** Consultants only in line with NICE



Upadacitinib

Red

MR tablet (see also section 10.1.3)



**RESTRICTED** Consultants only in line with NICE TA856 / TA905



Ustekinumab

Red

injection (see also sections 10.1.3)



**RESTRICTED** Gastro. Consultants as per NICE

**ICAM-1 Inhibitor**

Alicaforsen

enema



**RESTRICTED**

Gastro. Consultants only - pouchitis

## 1.6 Laxatives

### 1.6.1 Bulk-forming Laxatives

Ispaghula husk

3.5g sachets

1<sup>st</sup> line use

### 1.6.2 Stimulant Laxatives

Docusate Sodium

capsules; oral solution

1<sup>st</sup> line use

Senna

tablets; oral solution

1<sup>st</sup> line use

Bisacodyl

tablets; suppositories



Glycerol

suppositories



Sodium Picosulfate

oral solution



Co-Danthramer

oral suspension

RESTRICTED  
Adults, Palliative Care only

Co-Danthrusate

oral suspension

RESTRICTED  
Adults, Palliative Care only

### 1.6.3 Faecal Softeners

Arachis oil

enema



### 1.6.4 Osmotic Laxatives

Lactulose

oral solution

1<sup>st</sup> line use

Macrogols (Polyethylene glycols)

sachets



Phosphates (Rectal)

128mL enema



Sodium Citrate (Rectal)

450mg micro-enema



### 1.6.5 Bowel Cleansing Preparations

Sodium Picosulfate with Magnesium Citrate

Picolax® oral powder



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

oral powder



### 1.6.6 Peripheral opioid-receptor antagonists

Methylnaltrexone Bromide

injection



Naldemedine

Green

200 microgram tablets



Naloxegol

Green

12.5mg; 25mg tablets



**1.6.7 Other drugs used in constipation**

Prucalopride

Green

1mg; 2mg tablets

Linaclotide

Green

290 micrograms capsules

**RESTRICTED - Adult women, Gastro. Consultants only****RESTRICTED - 3<sup>rd</sup> line use Adults Gastro. Consultants only**

## 1.7 Local preparations for anal & rectal disorders

GMMG

### **1.7.2 Compound Haemorrhoidal Preparations with Corticosteroids**

Anusol®



ointment

## **Proctosedyl®**



### ointment

Scheriproct®



ointment; suppositories

#### **1.7.4 Management of anal fissures**

### Glyceryl Trinitrate

**1<sup>st</sup> line for anal fissure**

*Rectogesic® 0.4% ointment*



## Diltiazem Hydrochloride



2% cream; ointment



## 1.9 Drugs affecting intestinal secretions



### 1.9.1 Drugs affecting biliary composition & flow

Ursodeoxycholic acid

150mg tablets



1<sup>st</sup> line use

Obeticholic acid



Ocaliva® 5mg; 10mg tablets



**RESTRICTED** Hepatology  
Consultants only 2<sup>nd</sup> line per TA443

### 1.9.2 Bile acid sequestrants

Colestyramine



powder 4g sachet (see also section 2.12)



1<sup>st</sup> 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 &amp; 13.14)

PbR X

MMC

emc



**RESTRICTED**  
2<sup>nd</sup> 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
  - 2.5.5.3 Renin Inhibitors
  - 2.5.5.4 Heart Failure

### 2.6 Nitrates, calcium-channel blockers & other antianginals

- 2.6.1 Nitrates
- 2.6.2 Calcium-channel Blockers
- 2.6.3 Other Antiangular 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)  
 Volanesorsen for treating familial chylomicronaemia syndrome (HST13)  
 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)  
 Inclisiran for treating primary hypercholesterolaemia or mixed dyslipidaemia (TA733)  
 Mexiletine for treating the symptoms of myotonia in non-dystrophic myotonic disorders (TA748)  
 Empagliflozin for treating chronic heart failure with reduced ejection fraction (TA773)  
 Icosapent ethyl with statin therapy for reducing the risk of cardiovascular events in people with raised triglycerides (TA805)  
 Finerenone for treating chronic kidney disease in type 2 diabetes (TA877)  
 Dapagliflozin for treating chronic heart failure with preserved or mildly reduced ejection fraction (TA902)

## 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



### 2.1.1 Cardiac Glycosides

Digoxin

tablets; elixir; injection



**1<sup>st</sup> line use**

Digoxin-specific antibody



infusion

### 2.1.2 Phosphodiesterase Inhibitors

Enoximone

Perfan® 5mg/1mL injection



Milrinone

Primacor® 10mg/10mL injection



**1<sup>st</sup> line use Paediatrics**

Levosimendan

Simdax® 12.5mg/5mL Injection



**RESTRICTED adults.**  
**Cardiology ITU Consultant only**

## 2.2 Diuretics

### 2.2.1 Thiazides & Related Diuretics

Bendroflumethiazide

tablets

Chlortalidone

tablets

Metolazone

Green

tablets

### 2.2.2 Loop Diuretics

Furosemide

tablets; liquid; injection

Bumetanide

tablets; oral solution

### 2.2.3 Potassium-sparing Diuretics & Aldosterone Antagonists

Amiloride hydrochloride

tablets; oral solution

Spironolactone

tablets

Eplerenone

Green

tablets

Finerenone

Green

Kerendia® tablets

### 2.2.4 Potassium-sparing Diuretics with other Diuretics

Co-amilofruse

tablets

### 2.2.5 Osmotic Diuretics

Mannitol

infusion

1<sup>st</sup> line use2<sup>nd</sup> line use with loop diuretic1<sup>st</sup> line use2<sup>nd</sup> line use1<sup>st</sup> line use1<sup>st</sup> line useRESTRICTED adults.  
Cardiology Consultant onlyRESTRICTED adults.  
Diabetes / Renal Consultant only1<sup>st</sup> line use

## 2.3 Anti-arrhythmic drugs

### 2.3.2 Drugs for Arrhythmias

Adenosine

injection

Amiodarone Hydrochloride

Amber

Red

tablets; injection

Disopyramide

capsules; tablets

Flecainide Acetate

Red Paeds - until stabilised then

Green

tablets; injection

Lidocaine (Lignocaine) Hydrochloride

injection

Mexiletine

Red

NaMuscla® 167mg capsules

Mexiletine Hydrochloride



Mexitil® 50mg; 100mg; 200mg capsules

Propafenone Hydrochloride

tablets

Dronedarone

Green

tablets



[I.V. guidelines](#)

[I.V. guidelines](#)

**RESTRICTED**  
Neurology only

**RESTRICTED**  
Cardiology / Neurology only

**RESTRICTED** adults. Cardiology  
Consultant only, in line with TA197



## 2.4 Beta-adrenoceptor blocking drugs

### 2.4 Beta-Adrenoceptor Blocking Drugs

Atenolol

tablets; liquid; injection



Bisoprolol Fumarate

tablets



Carvedilol

tablets



Esmolol Hydrochloride

injection



Etilefrine Hydrochloride



tablets



Labetalol Hydrochloride

tablets; injection



Metoprolol Tartrate

tablets; injection



Nadolol

tablets



Nebivolol

tablets



Propranolol Hydrochloride

tablets; capsules; oral solution; injection



Sotalol Hydrochloride

tablets



NICE CG108

NICE CG127

NICE CG180

**RESTRICTED** adults.  
Cardiology Consultant only

**RESTRICTED** adults.  
Cardiology Consultant only  
**ALSO 2ND LINE FOR VARICEAL BLEED**

**RESTRICTED**  
*I.V.* only

**RESTRICTED** Haematology  
Consultants - SCD

**RESTRICTED**  
oral preps in pregnancy

**RESTRICTED** paed. ventricular  
arrhythmias in long QT syndrome

**RESTRICTED**  
not in Cardiology

## 2.5 Hypertension & heart failure

### 2.5.1 Vasodilator Antihypertensive Drugs

Hydralazine Hydrochloride

tablets; injection

Minoxidil

tablets

Ambriksentan

Red ££

tablets

Bosentan

Red ££

tablets

Sildenafil

Red ££

Revatio® tablets; injection

Macitentan

Red ££

Opsumit® tablets

Tadalafil

Red ££

Adcirca® tablets

### 2.5.2 Centrally Acting Antihypertensive Drugs

Clonidine Hydrochloride

tablets; oral solution; injection; patches

Methyldopa

tablets

Moxonidine

Green

tablets

### 2.5.4 Alpha-Adrenoceptor Blocking Drugs

Doxazosin

DNP

1mg; 2mg & 4mg tablets

Phenoxybenzamine Hydrochloride

10mg capsules

Phentolamine Mesilate

injection

### 2.5.5 Drugs Affecting the Renin-Angiotensin System

#### 2.5.5.1 Angiotensin-Converting Enzyme (ACE) Inhibitors

Ramipril

1.25mg; 2.5mg; 5mg & 10mg capsules

Captopril

12.5mg; 25mg & 50mg tablets

Lisinopril

2.5mg; 5mg; 10mg & 20mg tablets

Perindopril

DNP

2mg; 4mg & 8mg tablets



NICE CG108

NICE CG127

NICE CG180

NHSE PAH

1<sup>st</sup> line use



RESTRICTED  
PAH in line with NHSE

RESTRICTED 3<sup>rd</sup> line use  
after other treatments fail

1<sup>st</sup> line use

RESTRICTED adults.  
Specialist initiation only

RESTRICTED adults.  
Specialist use, theatres only

1<sup>st</sup> line use

RESTRICTED  
Paediatrics only

RESTRICTED  
Renal Medicine only

**2.5.5.2 Angiotensin-II Receptor Antagonists**

Candesartan Cilexetil



2mg; 4mg; 8mg; 16mg &amp; 32mg tablets

**1<sup>st</sup> line use**  
hypertension

Losartan Potassium

**2<sup>nd</sup> line use**  
hypertension

12.5mg; 25mg; 50mg &amp; 100mg tablets

Irbesartan

**2<sup>nd</sup> line use**  
hypertension

Valsartan

**2<sup>nd</sup> line use**  
hypertension

40mg; 80mg &amp; 160mg capsules

Sacubitril / Valsartan



24mg / 26mg; 49mg / 51mg &amp; 97mg / 103mg tablets

**RESTRICTED**  
use in line with NICE TA388**2.5.5.3 Renin inhibitors**

Aldikiren



150mg; 300mg tablets

**RESTRICTED** adults.  
Specialist initiation only**2.5.5.4 Heart Failure**

Dapagliflozin



Forxiga ® tablets

**RESTRICTED** adults.  
Specialist initiation in line with TA679

Empagliflozin



Jardiance ® tablets

**RESTRICTED** adults.  
Specialist initiation in line with TA773

## 2.6 Nitrates, calcium-channel blockers & other antianginals



### 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

tablets; oral solution



Diltiazem

tablets; capsules; ointment



Nifedipine

tablets; capsules; oral drops



Verapamil Hydrochloride

tablets; injection; oral solution



Nimodipine

tablets; infusion



### 2.6.3 Other Antianginal Drugs

Nicorandil

tablets



Ivabradine

Green

tablets



Ranolazine

Green

M/R tablets



### 2.6.4 Peripheral Vasodilators & Related Drugs

Naftidrofuryl Oxalate

capsules



Defibrotide

Red

££

infusion

PbR X



**1<sup>st</sup> choice  
dihydropyridine**

**1<sup>st</sup> choice  
non-dihydropyridine  
PRESCRIBE BY BRAND NAME**

**2<sup>nd</sup> choice  
dihydropyridine  
PRESCRIBE BY BRAND NAME**

**2<sup>nd</sup> choice  
non-dihydropyridine**

**RESTRICTED subarachnoid  
haemorrhage I.V. then oral**

**1<sup>st</sup> line use**

**RESTRICTED adults 2<sup>nd</sup> line.  
Cardiology Consultant only**



**RESTRICTED adults 3<sup>rd</sup> line angina  
patients not suitable for surgery**

**RESTRICTED Specialist use only in  
line with NHSE**

**NHSE Commissioning**

## 2.7 Sympathomimetics

### 2.7.1 Inotropic Sympathomimetics

Dobutamine

infusion

Dopamine Hydrochloride

infusion

Dopexamine

infusion

Isoprenaline

injection

### 2.7.2 Vasoconstrictor Sympathomimetics

Ephedrine Hydrochloride

injection

Metaraminol

**U**

injection

Midodrine

Green

tablets

Noradrenaline acid tartrate

infusion

Phenylephrine Hydrochloride

injection

### 2.7.3 Cardiopulmonary Resuscitation

Adrenaline / Epinephrine

injection



**RESTRICTED I.V.**  
Specialist use only



**RESTRICTED I.V.**  
Specialist use only



**RESTRICTED I.V.**  
Specialist use only



**RESTRICTED I.V.**  
Specialist use only



**RESTRICTED I.V.**  
Specialist use only



**Specialist use Cardiology /**  
**Healthcare of the elderly**



**RESTRICTED I.V.**  
Specialist use only



**RESTRICTED I.V.**  
Specialist use only



### 2.7.3 Cardiopulmonary Resuscitation



injection



injection



injection



injection



injection



injection



injection



injection



injection



injection



injection



injection



injection



injection



injection



injection



injection



injection



injection



injection

## 2.8 Anticoagulants & protamine

### 2.8.1 Parenteral Anticoagulants

ACD-A Anticoagulant Citrate Dextrose

solution

Dalteparin Sodium

**MMC** **BNF** **emc**

**GMMG**

**NICE CG92**

**RESTRICTED**

Specialist use only CRRT

**1<sup>st</sup> line LMWH**

injection

Epoprostenol

**MMC** **BNF** **emc**

**BNF**  
for children

**RESTRICTED I.V.**  
Specialist use only

infusion

Heparin

PbR X

**BNF** **emc**

**BNF**  
for children

[See Heparin Infusion chart](#)

injection; infusion

Bivalirudin

**BNF** **emc**

**BNF**  
for children

**RESTRICTED adults.**  
Cardiac Catheter Lab only.

infusion

Fondaparinux Sodium

**MMC** **BNF** **emc**

**BNF**  
for children

**RESTRICTED adults.**  
Haematology Consultants only.

injection

Tinzaparin Sodium

**MMC** **BNF** **emc**

**BNF**  
for children

**RESTRICTED Obs & Gynae;**  
ACS & VTE in Renal impairment only.  
Paeds: haemodialysis

injection

Enoxaparin Sodium

**MMC** **BNF** **emc**

**BNF**  
for children

**RESTRICTED ACS & VTE in Renal**  
**impairment only.**

injection

Argatroban monohydrate

**MMC** **BNF** **emc**

**BNF**  
for children

**RESTRICTED adults.**  
Treatment of HIT

infusion

**MMC** **BNF** **emc**

**BNF**  
for children

**2.8.2 Oral Anticoagulants**

Acenocoumarol

tablets

**RESTRICTED**

warfarin intolerant patients only.

Phenindione

tablets



Warfarin Sodium

tablets

[Warfarin dosing chart](#)

Apixaban



tablets

**RESTRICTED** in line with NICE

Dabigatran Etexilate



capsules



Edoxaban



tablets



Rivaroxaban



tablets

**RESTRICTED** in line with NICE**Antidotes**

Andexanet Alfa



Ondexxya® infusion

**RESTRICTED** in line with NICE

Idarucizumab



Praxbind® infusion

**RESTRICTED** reversal of dabigatran  
in emergency surgery**2.8.3 Protamine Sulfate**

Protamine Sulfate

injection



## 2.9 Antiplatelet drugs

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

## 2.10 Stable angina, ACS & fibrinolysis

- Stable angina (BNF treatment summary)
- Acute coronary syndromes (BNF treatment summary)
- Fibrinolytic Drugs (BNF treatment summary)

**NICE CG68**
**NICE CG126**

### 2.10.2 Fibrinolytic Drugs

Tenecteplase

injection



Streptokinase

infusion



Urokinase

injection



Alteplase

injection; infusion


**RESTRICTED**

## 2.11 Antifibrinolytic drugs & haemostatics



### 2.11 Antifibrinolytic Drugs & Haemostatics

Etamsylate

tablets

Tranexamic acid

injection; tablets

Aprotinin

infusion

Aminocaproic acid

sachets

Emicizumab



*Hemlibra®* injection

Voncog alfa

*Veyondi®* injection



**RESTRICTED**

**RESTRICTED**

**RESTRICTED**  
Haematology as per NHSE

**RESTRICTED**  
Haematology as per NHSE

## 2.12 Lipid-regulating drugs



<b>Statins</b>					
Simvastatin		NICE	BNF	emc	
tablets					
Atorvastatin	DNP	NICE	BNF	emc	1 <sup>st</sup> line use
tablets					
Rosuvastatin		NICE	BNF	emc	RESTRICTED Not stocked
tablets		NICE	MMC	BNF	emc
Pravastatin Sodium					RESTRICTED MCSH for cases with potential drug interactions
tablets		NICE	BNF	emc	
<b>Bile Acid Sequestrants</b>					
Colestyramine	Green		BNF	emc	
sachets (see also section 1.9.2)			BNF	emc	
Colesevelam Hydrochloride	DNP		BNF	emc	RESTRICTED adults. Gastro & Lipid Clinic Consultants only
tablets (see also section 1.9.2)		MMC	BNF	emc	
<b>Fibrates</b>					
Bezafibrate			BNF	emc	1 <sup>st</sup> line use
M/R tablets; tablets			BNF	emc	
Fenofibrate			BNF	emc	2 <sup>nd</sup> line use
micronised capsules; micronised tablets			BNF	emc	
<b>Omega-3 fatty acid compounds</b>					
Omega-3-acid ethyl esters	Green		BNF	emc	2 <sup>RY</sup> prevention post MI / Prevention of preterm birth
capsules		MMC	BNF	emc	
<b>Ezetimibe</b>					
Ezetimibe			BNF	emc	
10mg tablets		NICE	MMC	BNF	emc
<b>Lipid-regulating drugs</b>					
Alirocumab	Red				RESTRICTED adults. Lipid Clinic Consultants in line with TA393
Praluent® injection		PbR X	NICE	MMC	BNF
Bempedoic acid	Green				RESTRICTED adults. Consultants in line with TA694
Nilemido® tablets		PbR X	NICE	MMC	BNF
Bempedoic acid	Green				RESTRICTED adults. Consultants in line with TA694
Nustendi® tablets		PbR X	NICE	MMC	BNF
Evolocumab	Red				RESTRICTED. Lipid Clinic Consultants for HoFH / & NICE TA394
Repatha® injection		PbR X	NICE	MMC	BNF
Icosapent Ethyl	Green				RESTRICTED adults in line with NICE TA805
Vazkepa® capsules		PbR X	NICE	MMC	BNF
Inclisiran	Green				RESTRICTED adults. Lipid Clinic Consultants in line with TA733 for Primary Care Referral
Leqvio® injection		PbR X		MMC	BNF
Lomitapide	Red ££				RESTRICTED adults. Lipid Clinic Consultants in line with NHSE 170059P
Lojuxta® capsules		PbR X		MMC	BNF
Volanesorsen	Red ££				RESTRICTED adults. Lipid Clinic Consultants in line with HST13
Waylivra® injection		PbR X	NICE	MMC	BNF

## 2.13 Local sclerosants



### ***Local Sclerosants***

Ethanolamine Oleate

injection



Sodium Tetradecyl Sulfate

injection



## 2.14 Miscellaneous preparations

Ajmaline



Gilurytma® 50mg/10mL injection



**RESTRICTED** adults.  
Cardiology Consultant only

Dapagliflozin



tablets



**RESTRICTED**  
in line with NICE



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)  
 Mannitol dry powder for inhalation for treating cystic fibrosis (TA266)  
 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)  
 Berotralstat for preventing recurrent attacks of hereditary angioedema (TA738)  
 Dupilumab for treating severe asthma with type 2 inflammation (TA751)  
 Palforzia for treating peanut allergy in children and young people (TA769)  
 Tezepelumab for treating severe asthma (TA880)

## 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

GMMG

### Asthma

Methacholine Chloride



Provacholine® nebuliser solution

MMC

emc®

RESTRICTED detection test for bronchial airway hyperreactivity

### 3.1.1 Adrenoceptor agonists

#### 3.1.1.1 Selective beta<sub>2</sub> agonists

Salbutamol

Red injection

MMC

BNF

emc®

BNF

BNF

emc®

Terbutaline Sulfate

Red injection

MMC

BNF

emc®

BNF

BNF

emc®

Salmeterol

MMC

BNF

emc®

BNF

BNF

emc®

Formoterol Fumarate

MMC

BNF

emc®

#### 3.1.1.2 Other Adrenoceptor Agonists

Ephedrine Hydrochloride

MMC

BNF

emc®

BNF

BNF

emc®

### 3.1.2 Antimuscarinic Bronchodilators

Ipratropium Bromide

MMC

BNF

emc®

BNF

BNF

emc®

Tiotropium

MMC

BNF

emc®

BNF

BNF

emc®

Aclidinium Bromide

MMC

BNF

emc®

BNF

BNF

emc®

Eklira Genuair®

Glycopyrronium Bromide

MMC

BNF

emc®

BNF

BNF

emc®

Seebri Breezhaler®

Umeclidinium Bromide

MMC

BNF

emc®

BNF

BNF

emc®

Incruse Ellipta®

### Compound Preparations

Aclidinium Bromide / Formoterol Fumarate Dihydrate

MMC

BNF

emc®

BNF

BNF

emc®

Duaklir Genuair®

### 3.1.3 Theophylline

Theophylline

MMC

BNF

emc®

BNF

BNF

emc®

M/R tablets; M/R capsules

Aminophylline

Red injection

MMC

BNF

emc®

BNF

BNF

emc®

M/R tablets; injection

### 3.1.4 Compound Bronchodilator Preparations

Ipratropium Bromide / Salbutamol

MMC

BNF

emc®

BNF

BNF

emc®

Combivent®

Glycopyrronium Bromide / Formoterol Fumarate

MMC

BNF

emc®

BNF

BNF

emc®

Bevespi Aerosphere®

Glycopyrronium Bromide / Indacaterol Maleate

MMC

BNF

emc®

BNF

BNF

emc®

Ultibro®

Tiotropium Bromide Monohydrate / Olodaterol Hydrochloride

MMC

BNF

emc®

BNF

BNF

emc®

Spiolto Respimat®

Umeclidinium Bromide / Vilanterol Trifénatate

MMC

BNF

emc®

BNF

BNF

emc®

Anoro Ellipta®

3.1.5 Peak Flow Meters, Inhaler Devices & Nebulisers	GMMG	GMMG	GMMG
<b>Inhaler Devices</b>			
Volumatic® (spacer inhaler)	NICE	BNF	
Aerochamber® Plus (spacer device)	NICE	BNF	
Able Spacer® (spacer device)	NICE	MMC	BNF
<b>Nebuliser Diluent</b>			
Sodium Chloride	BNF	emc	
0.9% nebuliser diluent	BNF	emc	

## 3.2 Corticosteroids

### Corticosteroids

Bclometasone 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 (Fobumix Easyhaler® 80/4.5, 160/4.5, 320/9);

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

DPI (Duoresp Spiramax® 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® & 172/5/9®) DPI (Trimbow NEXThaler 88/5/9®)



**RESTRICTED - COPD patients who require triple therapy**



Fluticasone Furoate / Vilanterol Trifénatate / Umeclidinium Bromide

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



**RESTRICTED - COPD patients who require triple therapy**

Formoterol fumarate / Glycopyrronium Bromide / Budesonide

DPI (Trixeo Aerosphere® 5/7.2/160 micrograms)



**RESTRICTED - COPD patients who require triple therapy**

Indacaterol / Mometasone Furoate

DPI (Aetectura® Breezhaler®)



**GMMMG Asthma Guideline 2022**

Mometasone Furoate / Glycopyrronium Bromide / Indacaterol

DPI (Enerzair® Breezhaler®)



**GMMMG Asthma Guideline 2022**

## 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

Green

tablets



**RESTRICTED**  
as per NICE TA461

## 3.4 Antihistamines, hyposensitisation & allergic emergencies

GMMG

### 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

DNP

tablets; oral solution

### 3.4.2 Allergen Immunotherapy

Allergoid immunotherapy tablets

**U**  
Lofarma Lais®

Bee venom extract

Red

injection

Wasp venom extract

Red

injection

Grass &amp; Rye or tree pollen extract

Red

Pollinex®

Grass Pollen extract

DNP

Grazax® oral lyophilisates

House Dust Mite extract

Red

Acarizax 12-SQ HDM oral lyophilisates®

Wasp venom extract

Red

injection

White birch (*Betula verrucosa*) Pollen extract

Red

Itulazax 12-SQ Bet oral lyophilisates®

#### Omalizumab

Omalizumab

Red

DNP

££

injection

<b>Anti-interleukin-5 (IL-5) antibody</b>										
Benralizumab	Red	££	PbR X NICE MMC BNF blueeq emc						<b>RESTRICTED</b> as per NICE TA565	
Fasenra® injection			PbR X NICE MMC BNF blueeq emc						<b>RESTRICTED</b> as per NICE TA751	
Dupilumab	Red	DNP	££	PbR X NICE MMC BNF blueeq emc						<b>RESTRICTED</b> as per NICE TA751
Dupixent® injection (see also section 13.5.3)				PbR X NICE MMC BNF blueeq emc						<b>RESTRICTED</b> as per NICE TA751
Mepolizumab	Red	££	PbR X NICE MMC BNF blueeq emc						<b>RESTRICTED</b> as per NICE	
Nucala® injection			PbR X NICE MMC BNF blueeq emc						<b>RESTRICTED</b> as per NICE TA479	
	Red	££	PbR X NICE MMC BNF blueeq emc						<b>NOT STOCKED</b>	
Cinqaero® infusion			PbR X NICE MMC BNF blueeq emc						<b>RESTRICTED</b> as per NICE TA880	
Tezepelumab	Red	££	PbR X NICE MMC BNF blueeq emc						<b>RESTRICTED</b> as per NICE TA880	
Tezspire® injection			PbR X NICE MMC BNF blueeq emc							
<b>3.4.3 Allergic Emergencies</b>								<b>PREScribe BY BRAND NAME</b>		
Adrenaline / Epinephrine			PbR X NICE MMC BNF blueeq emc						<b>PREScribe BY BRAND NAME</b>	
injection			PbR X NICE MMC BNF blueeq emc							
Berotralstat	Red	££	PbR X NICE MMC BNF blueeq emc						<b>RESTRICTED</b> specialist use only	
Orladeyo® capsules			PbR X NICE MMC BNF blueeq emc						as per NICE	
C1 esterase inhibitor	Red	££	PbR X NICE MMC BNF blueeq emc						<b>RESTRICTED</b> acute attacks of HAE	
Berinert®; Cinryze® injection			PbR X NICE MMC BNF blueeq emc							
Conestat Alfa	Red	££	PbR X NICE MMC BNF blueeq emc						<b>RESTRICTED</b> adults acute attacks of HAE	
Ruconest® injection			PbR X NICE MMC BNF blueeq emc							
Icatibant	Red	££	PbR X NICE MMC BNF blueeq emc						<b>RESTRICTED</b> adults acute attacks of HAE	
Firazyr® injection			PbR X NICE MMC BNF blueeq emc							
Lanadelumab	Red	££	PbR X NICE MMC BNF blueeq emc						<b>RESTRICTED</b> in line with NICE TA606	
Takhzyro® injection			PbR X NICE MMC BNF blueeq emc							
Oxandrolone		tablets	PbR X NICE MMC BNF blueeq emc						<b>RESTRICTED</b> adults acute attacks of HAE	

3.5 Respiratory stimulants & pulmonary surfactants		GMMG
<b>3.5.1 Respiratory Stimulants</b>		
Doxapram Hydrochloride		 
injection		
Caffeine Citrate		 
		<b>RESTRICTED</b> apnoea in premature babies
injection		  
<b>3.5.2 Pulmonary Surfactants</b>		
Poractant Alfa		
Curosurf® liquid	PbR X	  

### 3.6 Oxygen (refer to oxygen guidelines)

BNF 

 GMV MG

## 3.7 Mucolytics

### Mucolytics

Sodium Chloride (hypertonic)

Nebusal® 7% nebulus



Mannitol inhalation powder

Red



**RESTRICTED**

Respiratory only in line with NICE

Bronchitol® capsules

Red



Mannitol diagnostic kit

Red



**RESTRICTED**

Respiratory only

Osmohale® capsules



Carbocisteine

capsules; oral solution; sachets



Dornase Alfa

Red



**RESTRICTED**

Respiratory only

Pulmozyme® nebulus



Elexacaftor with Tezacaftor and Ivacaftor

Red



**RESTRICTED**

Specialist use only

Kaftrio® tablets



Ivacaftor

Red



Kalydeco® tablets; granules



Lumacaftor with Ivacaftor

Red



Orkambi® tablets; granules



Tezacaftor with Ivacaftor

Red



Symkevi® tablets



**NHSE Commissioning**

**RESTRICTED**

Paediatric Consultants only

**NHSE Commissioning**

**RESTRICTED**

Specialist use only

**NHSE Commissioning**

**RESTRICTED**

Specialist use only

**NHSE Commissioning**

**RESTRICTED**

Specialist use only

**NHSE Commissioning**

## 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



**BNF**



Pholcodine

oral solution



**BNF**



Dextromethorphan hydrobromide

oral solution



**MMC**



### Cough Suppressants (Palliative Care ONLY)

Methadone Hydrochloride

liquid



**BNF**



Morphine Hydrochloride

oral solution



**BNF**



### 3.9.2 Demulcent & expectorant cough preparations

Simple Linctus

liquid



**BNF**



Withdrawn from UK market as per  
MHRA alert March 2023



**MHRA**

**RESTRICTED**

non-ketotic hyperglycaemia

## 3.10 Systemic nasal decongestants

*Systemic Nasal Decongestants*

**NO DRUGS ARE RECOMMENDED FROM THIS GROUP**



**NHSE: OTC prescribing reduction**



## 3.11 Antifibrotics

### Antifibrotics

Pirfenidone

Red ££

capsules; tablets



**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)  
 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)  
 Epilepsies in children, young people and adults (NG217)  
 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)  
 Galcanezumab for preventing migraine (TA659)  
 Cenobamate for treating focal onset seizures in epilepsy (TA753)  
 Solriamfetol for treating excessive daytime sleepiness caused by narcolepsy (TA758)  
 Fremanezumab for preventing migraine (replacing TA631) (TA764)  
 Fenfluramine for treating seizures associated with Dravet syndrome (TA808)  
 Eptinezumab for preventing migraine (TA871)  
 Difelikefalin for treating pruritus in people having haemodialysis (TA890)  
 Rimegepant for preventing migraine (TA906)

## 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



Melatonin

Melatonin

capsules; tablets; oral solution



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



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



Melatonin - management of jet lag



### 4.1.2 Anxiolytics

#### Benzodiazepines

Chlordiazepoxide hydrochloride



capsules



Diazepam



tablets; liquid; injection; rectal tube

Lorazepam



tablets; injection

Oxazepam



tablets

#### Busiprone

Buspirone Hydrochloride

tablets



Pregabalin



capsules; oral solution



### 4.1.3 Barbiturates

**NO DRUGS ARE RECOMMENDED FROM THIS GROUP**



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



**NICE CG112**

## 4.2 Drugs used in psychoses & related disorders

### 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



NICE CG178



**RESTRICTED adults.**  
Consultant Psychiatrist only

**RESTRICTED paediatrics.**  
Consultant Psychiatrist only

**RESTRICTED - Consultant initiation -**  
schizophrenia patients

**RESTRICTED**  
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**

BNF

emc

## 4.3 Antidepressant drugs

### 4.3.1 Tricyclic & Related Antidepressant Drugs

#### Tricyclic antidepressants

Amitriptyline Hydrochloride (standard release preparations only)

tablets; oral solution

Clomipramine Hydrochloride (standard release preparations only)

capsules

Doxepin Hydrochloride

capsules

Imipramine Hydrochloride

tablets

Lofepramine

tablets; oral suspension

Nortriptyline

tablets

Trimipramine

DNP

tablets; capsules

#### Tricyclic-related antidepressants

Mianserin Hydrochloride

tablets

Trazodone Hydrochloride

capsules; tablets; oral solution

### 4.3.2 Monoamine-Oxidase Inhibitors (MAOIs)

Isoxcarboxazid

Red

tablets

Phenelzine

Red

15mg tablets

Tranylcypromine

Red

10mg tablets

### Reversible Monoamine-Oxidase Inhibitors (MAOIs)

Moclobemide

Green

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

tablets



NICE CG28

NICE CG31

NICE CG90

NICE CG91



1<sup>st</sup> line use

**RESTRICTED**  
initiation by Psychiatrist

**RESTRICTED 2<sup>nd</sup> line**  
initiation by Psychiatrist



**RESTRICTED**  
Mental Health Trust initiation only

**4.3.4 Other Antidepressant Drugs**

Venlafaxine

Green

M/R capsules; tablets; M/R tablets

Mirtazapine

tablets; orodispersible tablets; oral solution

Duloxetine

Green

gastro-resistant tablets

Flupentixol

tablets

Reboxetine

tablets

Tryptophan

capsules

Vortioxetine

Green

tablets



**RESTRICTED**  
initiation by Psychiatrist



**RESTRICTED**  
initiation by Psychiatrist



**RESTRICTED**  
initiation by Psychiatrist



**RESTRICTED**  
initiation by Psychiatrist



**RESTRICTED**  
initiation by Psychiatrist



**RESTRICTED**  
initiation by Psychiatrist



**RESTRICTED**  
initiation by Psychiatrist



**RESTRICTED**  
initiation by Psychiatrist



**RESTRICTED**  
initiation by Psychiatrist



**RESTRICTED**  
initiation by Psychiatrist



## 4.4 CNS stimulants & drugs used for ADHD

4.4 CNS stimulants & drugs used for ADHD	GMMG	NICE NG87
Atomoxetine Amber capsules		    
Dexamfetamine Amber tablets	Red	    
Guanfacine Amber capsules		    
Prolonged release tablets		    
Lisdexamfetamine Amber capsules		    
Methylphenidate Amber tablets; M/R tablets; capsules; M/R capsules		    
Modafinil Green tablets	DNP Red	    
Solriamfetol hydrochloride Red Sunosi® tablets	££	    

## 4.5 Drugs used in the treatment of obesity

### 4.5.1 Anti-Obesity Drugs Acting on the Gastro-Intestinal Tract

Orlistat

capsules



NICE CG43

**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

### **Domperidone & Metoclopramide**

Domperidone

tablets; oral suspension (see also section 1.2)

Metoclopramide Hydrochloride

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

### **5HT<sub>3</sub>-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

### **Cannabinoids**

Nabilone

Red

0.25mg; 1mg capsules

### **Hyoscine**

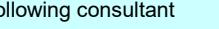
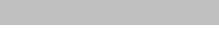
Hyoscine Hydrobromide

patches; tablets (for Hyoscine Butylbromide see section 1.2)

### **Other Drugs for Ménière's Disease**

Betahistidine Dihydrochloride

tablets



**1<sup>st</sup> line use**

**RESTRICTED**  
Consultant initiation only for PONV



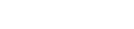
**RESTRICTED - Chemotherapy induced & post-op vomiting**



**Green**

**RESTRICTED**  
highly / moderately emetogenic CINV

**RESTRICTED**  
highly emetogenic CINV



## 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

Buprenorphine



NOT patch

Codeine Phosphate

tablets; syrup; injection



Diamorphine Hydrochloride



injection



Difelikefalin



Kapruvia® injection

Dihydrocodeine Tartrate standard release preparations only

tablets



Fentanyl



NOT lozenge

Methadone Hydrochloride



oral solution



Morphine Sulphate



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



Oxycodone Hydrochloride



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



Pethidine Hydrochloride



injection; tablets



Tapentadol Hydrochloride MR



tablets



Tramadol Hydrochloride



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



### 4.7.3 Neuropathic Pain

Amitriptyline

tablets; oral solution



Carbamazepine



tablets; M/R tablets; oral solution; suppositories



Gabapentin



capsules; oral suspension



Pregabalin



capsules; oral solution



(see also Chapter 10 for NSAIDs)

**1<sup>st</sup> line use****RESTRICTED**  
Pain relief in neonates**RESTRICTED****RESTRICTED**

Renal Consultants in line with NICE

**RESTRICTED**  
palliative care & substance misuse**RESTRICTED**3<sup>rd</sup> line - Pain Team Consultants only**3<sup>rd</sup> / 4<sup>th</sup> 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

**5HT<sub>1</sub>-receptor agonists**

Sumatriptan

tablets; nasal spray; injection

**4.7.4.2 Prophylaxis of Migraine**

Botulinum Toxin Type A

Red

Botox® injection



**RESTRICTED**  
Specialist use only  
in line with NICE

Clonidine Hydrochloride

tablets



Erenumab

Red

££

injection

Eptinezumab

Red

££

injection

Fremanezumab

Red

££

injection

Galcanezumab

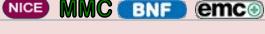
Red

££

injection

Pizotifen

tablets



**RESTRICTED**  
Specialist use only  
**NOT STOCKED**  
**RESTRICTED**  
Specialist use only  
**NOT STOCKED**  
**RESTRICTED**  
Specialist use only  
**NOT STOCKED**  
**RESTRICTED**  
Specialist use only  
**NOT STOCKED**



bluefog

BNF

emc

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## 4.8 Antiepileptic drugs

Green

### 4.8.1 Control of the Epilepsies

Carbamazepine

Green

tablets; M/R tablets; oral solution; suppositories

NICE

BNF

emc

Phenobarbital

Green



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

MHRA

Cenobamate

Green

Ontozry® tablets

NICE

MMC

BNF

emc

Clobazam

Green

tablets; oral suspension

NICE

BNF

emc

Clonazepam

Green

tablets; oral solution; injection

NICE

BNF

emc

Eslicarbazepine

Green

tablets; oral suspension

NICE

MMC

BNF

emc

Ethosuximide

Green

capsules; oral solution

NICE

BNF

emc

Fenfluramine Hydrochloride

Red

Finntela® oral solution

NICE

MMC

BNF

emc

Gabapentin

Green

capsules; oral suspension

NICE

BNF

emc

Lacosamide

Green

tablets; oral solution; infusion

NICE

MMC

BNF

emc

Lamotrigine

Green

tablets; dispersible tablets

NICE

BNF

emc

Levetiracetam

Green

tablets; oral solution; infusion; granules

NICE

MMC

BNF

emc

Oxcarbazepine

Green

tablets; oral suspension

NICE

BNF

emc

Perampanel

Green

tablets; oral suspension

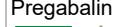
MMC

BNF

emc

Pregabalin

Green



capsules; oral solution

NICE

MMC

BNF

emc

Primidone

Green

tablets

NICE

BNF

emc

Rufinamide

Green

tablets

NICE

MMC

BNF

emc

Stiripentol

Red

capsules; sachets

NICE

MMC

BNF

emc

Tiagabine

Green

tablets

NICE

MMC

BNF

emc

GMMG

NICE NG217

Topiramate	Green	NICE	MMC	BNF	emc	<b>RESTRICTED</b> Specialist use only
tablets; capsules						
Vigabatrin	Red	NICE	BNF	emc		<b>RESTRICTED</b> Specialist use only
tablets; sachets						
Zonisamide	Green	NICE	MMC	BNF	emc	<b>RESTRICTED</b> Specialist use only
capsules						
Cannabidiol (CBD)	Red 	NICE	MMC	BNF	emc	<b>RESTRICTED</b> Specialist use only in line with NICE TA614 / 615
Epidyolex®						
<b>4.8.2 Drugs Used in Status Epilepticus</b>						
Lorazepam						
tablets; injection						
Diazepam						
tablets; liquid; injection; rectal tube						
Clonazepam	Green	NICE	MMC	BNF	emc	
tablets; oral solution; injection						
Midazolam	Green 	NICE	MMC	BNF	emc	
oromucosal solution; injection; infusion						
Paraldehyde						
injection; rectal solution						
Phenytoin Sodium	Green	NICE	MMC	BNF	emc	
capsules; oral suspension; injection						
Sulthiame	<b>U</b>	NICE	MMC	BNF	emc	<b>RESTRICTED</b> Consultant Neurologist use only
Ospolot® 50mg tablets						

## 4.9 Drugs used in Parkinsonism & related disorders

### 4.9.1 Dopaminergic Drugs Used in Parkinsonism

Amantadine Hydrochloride



capsules; oral solution



Apomorphine Hydrochloride



injection; infusion



Cabergoline



tablets



Co-beneldopa



capsules; M/R capsules; dispersible tablets



Co-careldopa



tablets; M/R tablets



Entacapone



tablets



Opicapone



capsules



Pramipexole



tablets; M/R tablets



Rasagiline



tablets



Ropinirole



tablets; M/R tablets



Rotigotine



transdermal patches



Safinamide



tablets



Selegiline



tablets



### 4.9.2 Antimuscarinic Drugs Used in Parkinsonism

Orphenadrine Hydrochloride

oral solution



Procyclidine (Oral &amp; IM)



tablets; oral solution; injection



Trihexyphenidyl Hydrochloride (Benzhexol Hydrochloride)



tablet; syrup



NICE NG71

RESTRICTED

Specialist use only

RESTRICTED 2<sup>nd</sup> line

Specialist use only

RESTRICTED 3<sup>rd</sup> line add-on use

Specialist use only

RESTRICTED patients with end of dose fluctuations

RESTRICTED

Specialist use only

RESTRICTED

Specialist use only. NBM patients

RESTRICTED

Specialist use only

RESTRICTED

Specialist use only

**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**

The dose of botulinum toxin is specific to each individual preparation and is NOT interchangeable. The doses for different indications vary - consult product literature & specialist guidance

Botulinum Toxin Type A

Red

Botox® injection



Botulinum Toxin Type A

Red

Dysport® injection



Botulinum Toxin Type A

Red

Xeomin® injection

**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



### 4.10.2 Nicotine dependence

Nicotine Replacement Therapy

patches, lozenges, inhalator, microtabs

Bupropion Hydrochloride

tablets

Varenicline

### 4.10.3 Opioid Dependence

Buprenorphine

Green CD

sublingual tablets

Methadone Hydrochloride

CD

oral solution

Naltrexone Hydrochloride

Red Amber

tablets

**RESTRICTED - Specialist use only in line with NICE TA325**

**NOT STOCKED****NICE NG92****1<sup>st</sup> line use**

Nalmefene	Green	NICE	BNF	emc	<b>RESTRICTED - Specialist use only in line with NICE TA325</b>
Nicotine Replacement Therapy					<b>NOT STOCKED</b>
patches, lozenges, inhalator, microtabs					<b>NICE NG92</b>
Bupropion Hydrochloride					
tablets		NICE	BNF	emc	
Varenicline					
		NICE	BNF	emc	<b>NICE CG52</b>
Buprenorphine	Green CD				<b>RESTRICTED Initiation by substance misuse specialist</b>
sublingual tablets		NICE	BNF	emc	
Methadone Hydrochloride	CD				<b>RESTRICTED Initiation by substance misuse specialist</b>
oral solution		NICE	BNF	emc	
Naltrexone Hydrochloride	Red Amber				<b>RESTRICTED</b>
tablets		NICE	BNF	emc	<b>Gastro Consultant - cholestatic itch</b>

## 4.11 Drugs for dementia

### 4.11 Drugs for Dementia

Donepezil Hydrochloride

Green

tablets; orodispersible tablets



GMMMG

NICE NG97

**RESTRICTED**  
Specialist use only

Galantamine

Green

M/R capsules; tablets



**RESTRICTED**  
Specialist use only

Memantine Hydrochloride

Green

tablets; oral solution



**RESTRICTED**  
Specialist use only

Rivastigmine

Green

capsules; oral solution; transdermal patches



**RESTRICTED**  
Specialist use only

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

Green

# 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*)
- 5.5.2 Ascaricides
- 5.5.5 Schistosomicides (bilharziasis)
- 5.5.6 Filaricides

## Trust Guidelines

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

## NICE Guidance

Prophylaxis against infective endocarditis (CG64)  
 Respiratory Tract Infections (CG69)  
 Surgical Site Infection (CG74)  
 Bacterial meningitis and meningoococcal 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)  
 Omibitasvir-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)  
 Cabotegravir with rilpivirine for treating HIV-1 (TA757)  
 Maribavir for treating refractory cytomegalovirus infection after transplant (TA860)  
 Casirivimab plus imdevimab, nirmatrelvir plus ritonavir, sotrovimab and tocilizumab for treating COVID-19 (TA878)  
 Bulevirtide for treating chronic hepatitis D (TA896)

## GMMMG Formulary

[Formulary Homepage](#)  
[Chapter 5: Infections \(Complete\)](#)  
[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)



BNF



600mg injection

Phenoxycephalothin (Penicillin V)



BNF



tablets

Benzathine Benzylpenicillin



BNF



injection

**RESTRICTED**  
unlicensed treatment for syphilis

**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



MMC



BNF



**RESTRICTED**  
infection caused by  
multi-resistant coliforms.

Micro only



BNF



BNF



BNF



**RESERVED**  
serious / resistant infections



BNF



**RESERVED**  
serious / resistant infections



BNF



**RESTRICTED UTIs caused by resistant**  
**coliforms**



MMC



BNF



BNF

**RESTRICTED**

on Micro. advice only

**RESERVED**

as per guidelines for children

**RESERVED**

as per guidelines for children

**RESERVED**

as per guidelines for children



BNF



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

<b>5.1.4 Aminoglycosides</b>				
Amikacin				RESERVED as per guidelines
injection		PbR X	MMC BNF emc	
Gentamicin			BNF emc	
injection (see assay guidelines)			BNF emc	
Tobramycin	Amber Red ££		BNF emc	RESERVED as per guidelines
injection; inhalation powder; nebuliser liquid		NICE	MMC BNF emc	
Neomycin Sulfate			BNF emc	RESTRICTED Gastro team only - op prep
oral solution			BNF emc	
<b>5.1.5 Macrolides</b>				
Clarithromycin			BNF emc	
tablets; oral suspension; infusion			BNF emc	
Azithromycin			BNF emc	RESERVED GU only or specialist use
tablets; oral suspension			BNF emc	
Erythromycin			BNF emc	RESERVED in pregnancy or neonates
tablets; oral suspension; injection			BNF emc	
<b>5.1.6 Clindamycin</b>				
Clindamycin			BNF emc	RESERVED as per guidelines
capsules; oral suspension; injection; 2% vaginal cream			BNF emc	
<b>5.1.7 Some other Antibacterials</b>				
Chloramphenicol			BNF emc	RESERVED as per guidelines
capsules; injection			BNF emc	
<b>Dalbavancin</b>				
Dalbavancin				RESTRICTED Consultant only
500mg infusion		MMC BNF emc		Micro. approval required
<b>Fidaxomicin</b>				
Fidaxomicin	Green ££			RESTRICTED <i>clostridium difficile</i> associated diarrhoea
200mg tablets; 40mg/mL granules for oral suspension		MMC BNF emc		Micro. only
<b>Fusidic Acid</b>				
Sodium Fusidate	Green		BNF emc	RESERVED as per guidelines
tablets; oral suspension; 2% cream			BNF emc	
<b>Glycopeptides</b>				
Vancomycin	Green		BNF emc	
injection; capsules; oral suspension (see assay guidelines)		MMC BNF emc		RESERVED
Teicoplanin			BNF emc	as per guidelines
injection			BNF emc	
<b>Daptomycin</b>				
Daptomycin	Red		BNF emc	RESTRICTED as per guidelines
infusion		MMC BNF emc		
<b>Linezolid</b>				
Linezolid	Red		BNF emc	RESTRICTED as per guidelines
tablets; infusion		MMC BNF emc		
<b>Quinupristin with Dalfopristin</b>				
Synercid®			BNF emc	RESTRICTED as per guidelines. Non-formulary
injection		MMC BNF emc		

<b>Polymyxins</b>			
Colistimethate Sodium Amber 	 	 	<b>RESTRICTED</b> as per guidelines
injection			
Colistimethate Sodium DPI Red 	   	 	<b>RESTRICTED</b> as per guidelines
Colobreathe® inhalation powder			
<b>Pristinamycin</b>			
Pristinamycin  Red	  	 	<b>RESTRICTED</b> as per BASHH guidelines for <i>Mycoplasma genitalium</i>
500mg tablets			
<b>Rifaximin</b>			
Rifaximin Green	   	 	<b>RESTRICTED</b> as per guidelines
550mg tablets			
<b>Spectinomycin</b>			
Spectinomycin  Kirin® injection			<b>RESTRICTED</b> cephalosporin resistant gonorrhoea
Taurolidine			
Taurolidine citrate 4%			
TauroLock® 4% ampoules			<b>RESTRICTED</b> as per CVC guidelines
<b>5.1.8 Sulphonamides &amp; Trimethoprim</b>			
Trimethoprim			
tablets; oral suspension	 	 	
Co-trimoxazole Green	 	 	<b>RESERVED</b> as per guidelines
tablets; oral suspension; infusion	 	 	
Sulfadiazine			
tablets	 	 	<b>RESTRICTED</b>
<b>5.1.9 Antituberculosis Drugs</b>	Red	until patient stabilised then Green	NICE
Bedaquiline 	    	 	<b>NICE NG33</b> <b>RESTRICTED</b> MDR TB only
tablets			
Ethambutol Hydrochloride Green		 	
tablets		 	
Isoniazid Green		 	
tablets; oral solution; injection		 	
Prothionamide 		 	<b>RESTRICTED</b> MDR TB only
tablets			
Pyrazinamide Green		 	
tablets		 	
Rifampicin Green		 	
capsules; oral solution; infusion		 	
Rifabutin Green		 	
capsules		 	
<b>Rifater®</b> Green		 	
Rifampicin / Isoniazid / Pyrazinamide tablets		 	
<b>Rifinah®</b> Green		 	
Rifampicin / Isoniazid tablets		 	
<b>Voractiv®</b> Green		 	
Rifampicin / Isoniazid / Pyrazinamide / Ethambutol Hydrochloride tablets	  	 	<b>RESTRICTED</b> MDR TB only
Capreomycin		 	
injection		 	<b>Not stocked</b>

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

## 5.2 Antifungal drugs

### 5.2.1 Triazole Antifungals

Fluconazole

capsules; infusion; oral suspension.



**BNF**

**emc**

Isavuconazole

capsules; infusion

PbR X



**BNF**

**emc**

Itraconazole

capsules; oral solution; infusion



**BNF**

**emc**

Posaconazole

Red

££

G/R tablets; oral suspension; infusion

PbR X



**BNF**

**emc**

voriconazole

Red

££

tablets; oral suspension; infusion

PbR X



**BNF**

**emc**

### 5.2.3 Polyene Antifungals

Nystatin

100,000 units/mL oral suspension



**BNF**

**emc**

Amphotericin (liposomal)



AmBisome® infusion (systemic use)

PbR X



**BNF**

**emc**

Amphotericin



Fungizone®

PbR X



**BNF**

**emc**

### 5.2.4 Echinocandin Antifungals

Anidulafungin

Red

££

Ecalta® infusion

PbR X



**BNF**

**emc**

Micafungin

Red

££

Mycamine® infusion

PbR X



**BNF**

**emc**

### 5.2.5 Other Antifungals

Griseofulvin

tablets



**BNF**

**emc**

Terbinafine

tablets



**BNF**

**emc**

Flucytosine

infusion



**BNF**

**emc**



**RESTRICTED**  
micro / specialist use only

**1<sup>st</sup> line RESTRICTED**  
micro / specialist use only

**RESTRICTED**  
micro / specialist use only

**2<sup>nd</sup> line**  
following topical therapy

**2<sup>nd</sup> line**  
following topical therapy

**RESTRICTED**  
micro / Neonates only



## 5.3 Antiviral drugs

Casirivimab with Imdevimab

Red ££

Ronapreve® infusion

PbR X NICE MMC BNF emc blueeq

**RESTRICTED**

**NHSE**

Molnupiravir

Red ££

Lagevrio® 200mg capsules

PbR X MMC BNF emc blueeq

**RESTRICTED CMDU**  
see COVID-19 guidance

Nirmatrelvir with Ritonavir

Red ££

Paxlovid® 150mg/100mg tablets

PbR X NICE MMC BNF emc blueeq

**RESTRICTED**  
see COVID-19 guidance

Remdesivir

Red ££

Veklury® infusion

PbR X NICE MMC BNF emc blueeq

**NHSE**

Sotrovimab

Red ££

Veklury® infusion

PbR X NICE MMC BNF emc blueeq

**RESTRICTED**  
see COVID-19 guidance

Tecovirimat monohydrate

Red

Tecovirimat SIGA® 200mg capsules

PbR X MMC BNF emc blueeq

**5.3.1 HIV Infection**

Red

**Nucleoside Reverse Transcriptase Inhibitors (NRTIs)**

Abacavir

Red ££

tablets; oral solution

PbR X MMC BNF emc blueeq

Bictegravir / Emtricitabine / Tenofovir Alafenamide

Red ££

Biktarvy® tablets

PbR X MMC BNF emc blueeq

Emtricitabine

Red ££

capsules

PbR X MMC BNF emc blueeq

Lamivudine

Red ££

tablets; oral solution

PbR X MMC BNF emc blueeq

Tenofovir Disoproxil

Red ££

tablets; granules

PbR X NICE MMC BNF emc blueeq

Tenofovir Alafenamide

Red ££

Descovy® / Odefsey® / Genvoya® tablets

PbR X MMC BNF emc blueeq

Tenofovir Disoproxil / Efavirenz / Emtricitabine

Red ££

Atripla® tablets

PbR X MMC BNF emc blueeq

Tenofovir / Cobicistat / Elvitegravir / Emtricitabine

Red ££

Stribild® tablets

PbR X MMC BNF emc blueeq

Tenofovir / Emtricitabine

Red ££

Truvada® tablets

PbR X MMC BNF emc blueeq

Emtricitabine / Rilpivirine / Tenofovir

Red ££

Eviplera® tablets

PbR X MMC BNF emc blueeq

Zidovudine / Lamivudine

Red ££

Combivir® tablets

PbR X MMC BNF emc blueeq

Didanosine

Red ££

Videx® capsules (to be DISCONTINUED Q1 2020)

PbR X MMC BNF emc blueeq

Stavudine

Red ££

Zerit® capsules (to be DISCONTINUED Q1 2020)

PbR X MMC BNF emc blueeq

GMMG

**RESTRICTED**

**NHSE**

**RESTRICTED CMDU**  
see COVID-19 guidance

**NHSE**

**RESTRICTED**  
see COVID-19 guidance

**NHSE**

**RESTRICTED**  
see COVID-19 guidance

**NHSE**

**RESTRICTED patients hospitalised due to monkeypox**

**NHSE**

**BHIVA treatment guidelines**

**CHIVA PEP 2017**

**RESTRICTED**  
patients requiring new formulation

**NHSE**

**RESTRICTED**

patients requiring new formulation

**NHSE**

**RESTRICTED**

patients requiring new formulation

**NHSE**

**RESTRICTED**

patients requiring new formulation

**NHSE**

**RESTRICTED**

patients requiring new formulation

**NHSE**

**RESTRICTED**

patients requiring new formulation

**NHSE**

**RESTRICTED**

patients requiring new formulation

**NHSE**

<b>Protease Inhibitors</b>		BHIVA treatment guidelines			
Atazanavir	Red	PbR X	MMC	BNF	emc
capsules					
Atazanavir / Cobicistat	Red	PbR X	MMC	BNF	emc
Evotaz® tablets					NHSE
Darunavir	Red	PbR X	MMC	BNF	emc
tablets; oral suspension					MHRA
Darunavir / Cobicistat	Red	PbR X	MMC	BNF	emc
Rezolsta® tablets					NHSE
Darunavir / Cobicistat / Emtricitabine & Tenofovir	Red	PbR X	MMC	BNF	emc
Syntuzia® tablets					
Fosamprenavir	Red	PbR X	MMC	BNF	emc
Telzir® tablets			BNF	emc	
Fostemsavir tromethamine	Red	PbR X	MMC	BNF	emc
Rukobia® tablets					NHSE
Lopinavir / Ritonavir	Red	PbR X	BNF	emc	MHRA
Kaletra® tablets; oral solution					
Ritonavir	Red	PbR X	BNF	emc	MHRA
tablets; powder for oral suspension					
Saquinavir	Red	PbR X	BNF	emc	
tablets					
Tipranavir	Red	PbR X	MMC	BNF	emc
capsules					BHIVA treatment guidelines
<b>Non-Nucleoside Reverse Transcriptase Inhibitors (Non-NRTIs)</b>		BHIVA treatment guidelines			
Doravirine	Red	PbR X	MMC	BNF	emc
Pifelro® tablets					NHSE
Doravirine / Lamivudine / Tenofovir Disoproxil Fumarate	Red	PbR X	MMC	BNF	emc
Delstrigo® tablets					NHSE
Efavirenz	Red	PbR X	BNF	emc	
tablets; capsules					
Etravirine	Red	PbR X	MMC	BNF	emc
Intelence® tablets					
Nevirapine	Red	PbR X	MMC	BNF	emc
tablets; oral suspension; M/R tablets					
Rilpivirine	Red	PbR X	MMC	BNF	emc
Edurant® tablets / Rekambys® injection		NICE	MMC	BNF	emc
<b>Other Antiretrovirals</b>		BHIVA treatment guidelines			
Cabotegravir	Red	PbR X	BNF	emc	MHRA
Vocabria® injection		NICE	MMC	BNF	emc
Dolutegravir	Red	PbR X	BNF	emc	MHRA
Tivicay® tablets					NHSE
Dolutegravir / Abacavir / Lamivudine	Red	PbR X	MMC	BNF	emc
Triumeq® tablets			NICE	MMC	BNF
Dolutegravir / Lamivudine	Red	PbR X	MMC	BNF	emc
Dovato® tablets			BNF	emc	NHSE

Dolutegravir / Rilpivirine	Red ££	PbR X	MMC BNF emc	MHRA	NHSE
Juluca® tablets					
Enfuvirtide	Red ££	PbR X	MMC BNF emc		
Fuzeon® injection		PbR X	MMC BNF emc		
Maraviroc	Red ££		BNF		
Celsentri® tablets		PbR X	MMC BNF emc		
Raltegravir	Red ££		BNF		
tablets; chewable tablets; granules			MMC BNF emc		CHIVA PEP 2017
<b>Pharmacokinetic enhancers of antiretrovirals</b>					
Cobicistat	Red ££		BNF		
Tybost® tablets		PbR X	MMC BNF emc		NHSE
<b>5.3.2 Herpesvirus Infection</b>					
<b>5.3.2.1 Herpes Simplex &amp; Varicella-Zoster Infection</b>					
Aciclovir			BNF		
tablets; oral suspension; infusion (see also section 13.10.3)			BNF	emc	
Valaciclovir			BNF	emc	RESTRICTED Specialist use only Haematology / Renal
tablets			BNF	emc	
<b>5.3.2.2 Cytomegalovirus (CMV) Infection</b>					
Cidofovir	Red ££		BNF		RESERVED Specialist use only
infusion		PbR X	BNF	emc	
Foscarnet Sodium	Red ££		BNF		RESERVED Specialist use only; also for aggressive CMV retinitis
infusion		PbR X	MMC BNF emc		
Ganciclovir	Red ££		BNF		RESERVED Specialist use only
infusion (see also section 11.3.3)		PbR X	BNF	emc	
Letermovir	Red ££		BNF		RESERVED Specialist use only in line with NICE
Prevymis® tablets		PbR X	NICE MMC BNF emc		
Maribavir	Red ££		blueiq		RESERVED Specialist use only in line with NICE
Litycency® tablets		PbR X	NICE MMC BNF emc		
Valganciclovir	Red ££		BNF		RESERVED Specialist use only
tablets; oral solution		PbR X	BNF	emc	
<b>5.3.3 Viral Hepatitis</b>					
<b>5.3.3.1 Chronic hepatitis B</b>					
Adefovir Dipivoxil	Red ££				NICE CG165
Hepsera® tablets		PbR X	NICE MMC BNF emc		
Entecavir	Red ££		BNF		
Baraclude® tablets		PbR X	NICE MMC BNF emc		
<b>5.3.3.2 Chronic hepatitis C</b>					
Dasabuvir	Red ££		BNF	blueiq	NHSE Hepatitis C
Exviera® tablets		PbR X	MMC BNF	emc	RESTRICTED Specialist use only in line with NHSE Commissioning
Elbasvir / Grazoprevir	Red ££		BNF	blueiq	RESTRICTED Specialist use only in line with NICE TA413
Zepatier® tablets		PbR X	NICE MMC BNF	emc	
Glecaprevir / Pibrentasvir	Red ££		BNF	blueiq	RESTRICTED Specialist use only in line with NHSE and NICE TA499
Maviret® tablets		PbR X	NICE MMC BNF	emc	
Ombitasvir / Paritaprevir / Ritonavir	Red ££		BNF	blueiq	RESTRICTED Specialist use only in line NHSE Commissioning
Viekirax® tablets		PbR X	NICE MMC BNF	emc	
Sofosbuvir	Red ££		BNF	blueiq	RESTRICTED Specialist use only in line with NICE TA330
Sovaldi® tablets		PbR X	NICE MMC BNF	emc	

Sofosbuvir / Ledipasvir Harvoni® tablets	Red ££	PbR X NICE MMC BNF emc blueeq	<b>RESTRICTED</b> Specialist use only in line NHSE Commissioning
Sofosbuvir / Velpatasvir Epclusa® tablets	Red ££	PbR X NICE MMC BNF emc blueeq	<b>RESTRICTED</b> Specialist use only in line with NICE TA430
Sofosbuvir / Velpatasvir / Voxilaprevir Vosevi® tablets	Red ££	PbR X NICE MMC BNF emc blueeq	<b>RESTRICTED</b> Specialist use only in line with NICE TA507
<b>5.3.3.3 Hepatitis D</b>			
Bulevirtide	Red ££	PbR X NICE MMC BNF emc blueeq	<b>RESTRICTED</b> Specialist use only in line with NICE TA896
Hepcludex® injection		PbR X NICE MMC BNF emc blueeq	
<b>5.3.4 Influenza</b>			
Oseltamivir			
Tamiflu® capsules; oral suspension		NICE MMC BNF emc blueeq	
Zanamivir		NICE MMC BNF emc blueeq	
Relenza® inhalation powder		NICE MMC BNF emc blueeq	
Zanamivir Red		NICE MMC BNF emc blueeq	<b>RESTRICTED</b> Virology approval only
Dectova® 10mg/mL infusion		NICE MMC BNF emc blueeq	
<b>5.3.5 Respiratory Syncytial Virus (RSV)</b>			
Palivizumab	Red ££	PbR X MMC BNF emc blueeq	<b>RESTRICTED</b> Specialist use only
Synagis® 100mg/mL injection		PbR X MMC BNF emc blueeq	
Ribavirin Red ££		NICE MMC BNF emc blueeq	<b>RESTRICTED</b> Specialist use only
capsules; tablets			

## 5.4 Antiprotozoal drugs



Nitazoxanide



500mg tablets; 100mg/5mL oral suspension

PbR X

MMC

emc

**RESTRICTED**  
Specialist use only

### 5.4.1 Antimalarials

Artesunate



injection

Artemether with Lumefantrine



tablets

Chloroquine



tablets

Mefloquine



tablets

Primaquine



tablets

Proguanil Hydrochloride



tablets

Proguanil Hydrochloride / Atovaquone



Malarone® tablets

Pyrimethamine



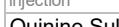
tablets

Pyrimethamine with Sulfadoxine



tablets

Quinine Dihydrochloride



injection

Quinine Sulfate



tablets

### 5.4.2 Amoebicides

Metronidazole

(see also section 5.1.11)

Tinidazole

Fasigyn® tablets

Diloxanide Furoate

tablets

### 5.4.3 Trichomonacides

Metronidazole

(see also section 5.1.11)

### 5.4.4 Antigiardial drugs

Metronidazole

(see also section 5.1.11)

MMC

emc

BNF

emc

MMC

BNF

emc

BNF

emc

BNF

emc

BNF

emc

BNF

emc

MMC

BNF

emc

**RESTRICTED**  
Specialist use only

**RESERVED**  
Specialist use only

**RESTRICTED**  
Non-formulary  
micro. recommendation only

**5.4.5 Leishmaniacides**

Paromomycin



Red

tablets

**MMC BNF emc****RESTRICTED**  
treatment of Cryptosporidiosis

Sodium Stibogluconate



Red

injection

**MMC BNF emc****RESTRICTED**  
treatment of Leishmaniacides**5.4.7 Drugs for toxoplasmosis**

Sulfadiazine



Red

tablets

**BNF emc****RESTRICTED**  
treatment of toxoplasmosis  
**micro. recommendation only****5.4.8 Drugs for pneumocystis pneumonia**

Atovaquone



Red

oral suspension

**BNF emc****RESTRICTED**  
Specialist use only

Pentamidine Isethionate



Red

injection

**BNF emc****RESTRICTED**  
Specialist use only

## 5.5 Anthelmintics



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

Albendazole



tablets



**RESTRICTED**  
Specialist use only

Mebendazole

chewable tablets; oral suspension



### 5.5.2 Ascaricides

Levamisole



tablets



**RESTRICTED**  
Specialist use only

### 5.5.5 Schistosomicides (*bilharziasis*)

Praziquantel



tablets



**RESTRICTED**  
Schistosomicides / tapeworm

### 5.5.6 Filaricides

Diethylcarbamazine



tablets



**RESTRICTED**  
Specialist use only

# 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)  
 Burosumab for treating X-linked hypophosphataemia in children and young people (HST8)  
 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)  
 Dapagliflozin for treating chronic kidney disease (TA775)  
 Romosozumab for treating severe osteoporosis (TA791)  
 Relugolix-estradiol-norethisterone acetate for treating moderate to severe symptoms of uterine fibroids (TA832)  
 Somatrogon for treating growth disturbance in people 3 years and over (TA863)

## 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](#)

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

<b>Abasaglar®</b>		
Insulin Glargine biosimilar	  	
<b>Toujeo®</b>		
Insulin Glargine HIGH STRENGTH	  	
<b>Tresiba®</b>		
Insulin Degludec	  	<b>RESTRICTED</b> 3 <sup>rd</sup> line after Levemir & Lantus <b>Diabetes Consultant only</b>
<b>Animal</b>		
<i>Hypurin® Bovine Lente</i>		
Insulin Zinc suspension	  	
<b>Biphasic insulins</b>		
<b>Human</b>		
<i>Humalog® Mix 25</i>		
Biphasic Insulin Lispro	  	
<i>Humalog® Mix 50</i>		
Biphasic Insulin Lispro	  	
<i>Humulin M3®</i>		
Biphasic Isophane Insulin	  	
<i>Insuman® Comb 25</i>		
Biphasic Isophane Insulin	  	
<i>NovoMix® 30</i>		
Biphasic Insulin Aspart	  	
<b>Animal</b>		
<i>Hypurin® Porcine 30/70 Mix Insulin</i>		
Biphasic Isophane Insulin	  	
<b>6.1.2 Antidiabetic drugs</b>		
<b>6.1.2.1 Sulfonylureas</b>		
Gliclazide		
tablets	  	
<i>Glipizide</i>		<b>RESTRICTED</b> Not for initiation
tablets	  	
<b>6.1.2.2 Biguanides</b>		
Metformin Hydrochloride		
oral solution; tablets	  	<b>NICE NG28</b>
<b>6.1.2.3 Other antidiabetic drugs</b>		
<b>Alpha glucosidase inhibitors</b>		
Acarbose		
tablets	  	
<b>Dipeptidyl peptidase 4 (DPP 4) inhibitors</b>		
Alogliptin		
tablets	  	
Linagliptin		
tablets	  	
Saxagliptin		
tablets	  	2 <sup>nd</sup> line to improve glycaemic control in adults with metformin
Sitagliptin		
tablets	  	

<b>Rapid acting insulin secretagogues (meglitinides)</b>		
Nateglinide		2 <sup>nd</sup> line
tablets	  	
Repaglinide		2 <sup>nd</sup> line
tablets	  	
<b>Glucagon-like peptide-1 (GLP-1) receptor agonists</b>		
Dulaglutide Green		RESTRICTED 1 <sup>st</sup> line weekly preparation Diabetes Consultants only
injection	  	
Exenatide Green		2 <sup>nd</sup> line patients with poor glycaemic control
injection	   	
Bydureon® Green		3 <sup>rd</sup> line after failure / inadequate response to oral therapy
Exenatide prolonged release (once weekly injection)	  	
Liraglutide (Victoza®) Prescribe by brand Green		2 <sup>nd</sup> line to achieve glycaemic control with metformin or a sulphonylurea
6mg/mL pre-filled pen	   	
Liraglutide (Saxenda®) Prescribe by brand Red		RESTRICTED in line with NICE TA664
6mg/mL pre-filled pen	   	AWAITING COMMISSIONING
<b>GLP-1 receptor agonists (continued)</b>		
Lixisenatide Green		RESTRICTED 3 <sup>rd</sup> line as per by GMMMG & NICE Diabetes Consultants only
injection	  	
Semaglutide Green		1 <sup>st</sup> line weekly preparation
Ozempic® injection	  	
Semaglutide Green		RESTRICTED as per by GMMMG
Rybelsus® tablets	   	
<b>Sodium-glucose co-transporter 2 (SGLT2) inhibitors</b>		
Canagliflozin		 
tablets	   	RESTRICTED in line with NICE Diabetes Consultants only
Dapagliflozin Green		RESTRICTED in line with NICE
tablets	   	
Empagliflozin Green		RESTRICTED in line with NICE
tablets	   	
Ertugliflozin		RESTRICTED in line with NICE
tablets	   	Diabetes Consultants only
Sotagliflozin		RESTRICTED in line with NICE
Zynquista® 200mg tablets	   	Diabetes Consultants only
<b>Thiazolidinediones</b>		
Pioglitazone		2 <sup>nd</sup> line add-on with metformin or a sulphonylurea
tablets	  	
<b>6.1.4 Treatment of hypoglycaemia</b>		
Glucagon	  	
1mg injection		
Glucose gel	  	
40% oral gel		
Diazoxide Green		Hyperinsulinaemic Hypoglycaemia
tablets	  	

## 6.2 Thyroid & antithyroid drugs

GMMG

## **6.2.1 Thyroid hormones**

oral solution; tablets



#### **Liothyronine Sodium**

Red Green

**2<sup>nd</sup> line use (*I.V. RESTRICTED to hypothyroid coma*)**

### **6.2.2 Antithyroid drugs**

### **0.2.2 Antithyroid**



tablets

#### Iodine (Aqueous Iodine Oral Solution)



## Lugol's Iodine

## Potassium Iodide



tablets  
Prop  
Greer  
tablets

## Propylthiouracil



tablets

tablets



## 6.3 Corticosteroids



### 6.3.1 Replacement therapy

Fludrocortisone

tablets



**BNF**



### 6.3.2 Glucocorticoid therapy

Prednisolone



**BNF**



Dexamethasone



**BNF**



Hydrocortisone



**BNF**

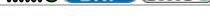


Hydrocortisone M/R

5mg tablets



**MMC**



**BNF**



Hydrocortisone

Green

Alkindi® granules in capsules

Betamethasone



**MMC**



**BNF**



Methylprednisolone



**BNF**



Triamcinolone



**BNF**



see also section 10.1.2.2

**RESTRICTED**

2<sup>nd</sup> line use in adrenal insufficiency

**RESTRICTED**

2<sup>nd</sup> line use in adrenal insufficiency



**RESTRICTED**

Specialist use only

**RESTRICTED**

Specialist use only



**BNF**



## 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

##### Estradiol with Progestogen

Elleste-Duet®

tablets

Femoston®

tablets

Kliviance®

tablets

Evorel Conti®

patch

##### Estradiol only

Elleste Solo®

tablets

Estradot®

patch

Evorel®

patch

##### Ethinylestradiol, raloxifene & tibolone

Ethinylestradiol

tablets

Raloxifene Hydrochloride

tablets

Tibolone

tablets

#### 6.4.1.2 Progestogens and progesterone receptor modulators

Dydrogesterone

tablets

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

Ulipristal Acetate

Red

Esmyna® 5mg tablets



**2<sup>nd</sup> line use oral**  
(continuous combined HRT)



**1<sup>st</sup> line use oral**  
(sequential HRT)



**2<sup>nd</sup> line use oral**  
(sequential HRT)



**1<sup>st</sup> line use oral**  
(continuous combined HRT)



**RESTRICTED**  
(Continuous combined HRT)  
when oral contraindicated



**1<sup>st</sup> line use oral**  
(oestrogen only HRT)



**RESTRICTED**  
(Oestrogen only HRT)  
when oral contraindicated.



**RESTRICTED**  
Paed. Endocrine Consultants



2 microgram tablets (unlicensed)  
for amenorrhoea



**RESTRICTED**  
Specialist Med. Consultant only



**3<sup>rd</sup> line use oral**  
(continuous combined HRT)



**RESTRICTED**  
Specialist use only uterine fibroids



<b>6.4.2 Male sex hormones &amp; antagonists</b>		
<b>Testosterone &amp; Esters</b>		
<b>Oral</b>		
Testosterone	Green Amber	 
injection & implants only		 
<b>Transdermal preparations</b>		
Androstanolone (aka Dihydrotestosterone (DHT))		 
Androctim® 2.5% gel		  
Testosterone		 
Tostran® 2% gel		  
<b>Anti-androgens</b>		
Cyproterone Acetate	Green	 
tablets		 
Finasteride	Amber	 
tablets		 

## 6.5 Hypothalamic & pituitary hormones & anti-oestrogens



### 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



Gonasi® injection



Recombinant human follicle stimulating hormone (r-hFSH)

Red



Ovaleap® injection



#### Anterior pituitary hormones (Growth Hormone)

Somatropin

Red



injection



Somatropogen

Red



Ngenla® injection



Growth hormone for children

Amber

Growth hormone for primary and secondary hypopituitarism

Green

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

Red

capsules (see also section 5.1.3)



## 6.6 Drugs affecting bone metabolism



### 6.6.1 Calcitonin & parathyroid hormone

Calcitonin (Salmon) / Salcatonin (*Miacalcic®*)

injection

Parathyroid hormone

Red ££



**RESTRICTED** osteoporosis patients with acute fracture pain.

injection

Teriparatide (*Forsteo®*)

Red ££



**RESTRICTED** postmenopausal osteoporosis if failure or non-compliance with bisphosphonates

250 micrograms / mL injection

Teriparatide (*Movymia®*)

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

Red injection

Green tablets

tablets; injection

Denosumab

Amber

Prolia® injection

Denosumab

Red

Xgeva® injection

Zoledronic Acid

Red

infusion

Burosomab

Red

infusion

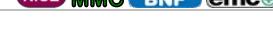
Romosozumab

Red

Evenity® injection



**1<sup>st</sup> line use**



**2<sup>nd</sup> line**

Osteoporosis & Paget's disease



**3<sup>rd</sup> line** osteoporosis patients unable to take bisphosphonates



**RESTRICTED** monthly treatment when daily/weekly dosing contraindicated; NICE TA464



**RESTRICTED** specialist use / NICE TA204



**RESTRICTED** specialist use NICE TA265



**RESTRICTED** see decision tables; also NICE TA464



**RESTRICTED** specialist use only XLH / TIO



**RESTRICTED** specialist use NICE TA791



## 6.7 Other endocrine drugs



### 6.7.1 Bromocriptine & other dopaminergic drugs

Bromocriptine

1mg; 2.5mg tablets

**MMC** **BNF** **emc**

Cabergoline

500 microgram tablets

**BNF** **emc**

**RESTRICTED**  
Hyperprolactinaemia

### 6.7.2 Drugs affecting gonadotrophins

Danazol

capsules

**BNF** **emc**

Buserelin

Red

injection (see also section 8.3.4.2)

**MMC** **BNF** **emc**

Buserelin Acetate

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

Amber

Red

injection (also section 8.3.4.2)

**MMC** **BNF** **emc**

Cetrorelix acetate

Red

injection

Ganirelix

Red

injection

Relugolix with estradiol & norethisterone acetate

Green

Ryegoo® 40mg/1mg/0.5mg tablets

**NICE** **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

Red

250mg capsules

**BNF** **emc**

**RESTRICTED**  
Specialist use only

### 6.7.4 Somatomedins

Mecasermin

££

10mg/mL injection

PbR X

**BNF** **blue teq** **emc**

**RESTRICTED**  
Specialist use only



# 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 Norelgestromin

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

<b>7.1 Drugs used in Obstetrics</b>		<b>GMMG</b>	
<b>7.1.1 Prostaglandins &amp; oxytocics</b>		<b>NICE CG70</b>	
Carboprost	Red		
injection		BNF emc	
Ergometrine Maleate	Red		
injection		BNF emc	
Gemeprost	Red		
pessaries		BNF emc	
Oxytocin	Red		
injection		BNF emc	
Dinoprostone	Red		<b>RESTRICTED</b> Obs & Gynae Consultants only
injection; pessaries; vaginal gel; vaginal tablet		MMC BNF emc	(see BNFC section 2.14)
<b>7.1.1.1 Drugs affecting the ductus arteriosus</b>			
<b>Maintenance of patency</b>			
Alprostadil	Red		
Prostин VR® infusion		MMC BNF emc	
<b>Closure of the ductus arteriosus</b>			
Indometacin	Red		
injection		BNF emc	
<b>7.1.2 Mifepristone</b>			
Mifepristone	Red		
tablets		BNF emc	
<b>7.1.3 Myometrial relaxants</b>			
<b>Atosiban</b>			
Atosiban	Red		<b>RESTRICTED</b> Obs & Gynae Consultants only
infusion; injection		MMC BNF emc	
<b>Beta<sub>2</sub> agonists</b>			
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

### 7.2.1 Preparations for vaginal & vulval changes

#### Oestrogens, topical

Estradiol

Vagifem® 10 microgram pessaries

Estriol

0.01% cream

Estradiol vaginal ring

Estring® 7.5 microgram / 24 hours ring

### 7.2.2 Vaginal & vulval infections

#### Preparations for vaginal & vulval candidiasis

Clotrimazole

cream; pessaries

Miconazole

vaginal cream

#### Preparations for other vaginal infections

Clindamycin

2% vaginal cream

Nystatin

vaginal cream; pessaries

Metronidazole

Zidovudine® 0.75% vaginal gel

Boric acid



vaginal pessary

**RESTRICTED**  
Obs & Gynae Consultants only

**RESTRICTED**  
specialist use only for  
vulvovaginal candidiasis

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

**7.3.2.2 Parenteral progestogen-only contraceptives****Injectable preparations**Medroxyprogesterone Acetate (*Depo-Provera®*)

150mg/mL intramuscular injection

Medroxyprogesterone Acetate (*Sayana Press®*)

160mg/mL subcutaneous injection

**Implants**

Etonogestrel

*Nexplanon®* 68mg subdermal implant**2<sup>nd</sup> line as per MMC****7.3.2.3 Intra-uterine progestogen-only device**Levonorgestrel (*Mirena®*)

20micrograms/24 hours IUD

Levonorgestrel (*Jaydess®*)

13.5mg IUD

Levonorgestrel (*Kyleena®*)

19.5mg IUD

**7.3.5 Emergency contraception**

Levonorgestrel

*Levonelle®* 1500 microgram tablets

Ulipristal Acetate

*ellaOne®* 30mg tablets**RESTRICTED**  
Specialist use Tertiary Services only**Assisted Reproductive Technology (ART) cycles**

Progesterone

*Utrogestan®* 100mg; 200mg vaginal capsules**RESTRICTED**  
ART cycles**2<sup>nd</sup> line**

## 7.4 Drugs for genito-urinary disorders

### 7.4.1 Drugs for urinary retention

#### Alpha blockers

Alfuzosin Hydrochloride

tablets

Tamsulosin Hydrochloride

capsules, tablets

1<sup>st</sup> line

### 7.4.2 Drugs for urinary, enuresis & incontinence

#### Urinary incontinence

Oxybutynin Hydrochloride

oral solution; patch; tablets

Darifenacin Hydrobromide

tablets

Tolterodine Tartrate

capsules, tablets

Solifenacain Succinate

tablets

patients failed / intolerant to oxybutynin

Duloxetine

capsules

Trospium Chloride

capsules; tablets

Mirabegron

tablets

#### Nocturnal enuresis

Amitriptyline

oral solution; tablets (see also section 4.3.1)

Desmopressin

injection; nasal spray; tablets (see also section 6.5.2)

### 7.4.3 Drugs used in urological pain

Methionine

tablets

Pentosan Polysulfate Sodium

Red

capsules

Potassium Citrate

tablets

NICE CG97

NICE CG111

NICE CG171

**7.4.4 Bladder instillations & urological surgery**

Chlorhexidine

0.02% irrigation solution

Dimethyl Sulfoxide

**U**

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

Sodium Hyaluronate with sodium chondroitin sulfate

Red

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



**RESTRICTED**  
Urology Consultants only

**RESTRICTED**  
Urology Consultants only



**7.4.5 Drugs for erectile dysfunction**

Alprostadil

Green

cream; injection; urethral sticks



**RESTRICTED**  
Urology Consultants only

Aviptadil with Phentolamine

Green

Invicorp® injection



**RESTRICTED**  
Urology Consultants only

Sildenafil

Green or Red PAH

injection; oral suspension; tablets



**RESTRICTED**  
1<sup>RY</sup> Care referral only

Tadalafil

Green or Red PAH

tablets



**RESTRICTED**  
1<sup>RY</sup> Care referral only

Vardenafil

tablets



**RESTRICTED**  
1<sup>RY</sup> 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)  
 Selumetinib for treating symptomatic & inoperable plexiform neurofibromas associated with type 1 neurofibromatosis (HST20)  
 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)  
 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 (1<sup>st</sup> 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 (1<sup>st</sup> 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 1<sup>st</sup> 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)  
 Pegaspargase 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)  
 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)  
 Pertuzumab with trastuzumab and docetaxel for treating HER2-positive breast cancer (TA509)  
 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)  
 Brentuximab vedotin for treating CD30-positive cutaneous T-cell lymphoma (TA577)  
 Abemaciclib with fulvestrant for treating hormone receptor-positive, HER2-negative advanced breast cancer (TA579)  
 Enzalutamide for hormone-relapsed non-metastatic prostate cancer (TA580)  
 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)  
 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)  
 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 (TA668)  
 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 pemtrexed 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)  
Ofatumumab for treating relapsing multiple sclerosis (TA699)  
Trastuzumab deruxtecan for treating HER2-positive unresectable or metastatic breast cancer (TA704)  
Atezolizumab monotherapy for untreated advanced non-small-cell lung cancer (TA705)  
Nivolumab for previously treated unresectable advanced or recurrent oesophageal cancer (TA707)  
Pembrolizumab for untreated metastatic colorectal cancer with high microsatellite instability or mismatch repair deficiency (TA709)  
Enzalutamide for treating hormone-sensitive metastatic prostate cancer (TA712)  
Nivolumab for advanced non-squamous non-small-cell lung cancer after chemotherapy (TA713)  
Nivolumab with ipilimumab for previously treated metastatic colorectal cancer with ... (TA716)  
Chlormethine gel for treating mycosis fungoides-type cutaneous T-cell lymphoma (TA720)  
Abiraterone for treating newly diagnosed high-risk hormone-sensitive metastatic prostate cancer (TA721)  
Pemigatinib for treating relapsed or refractory advanced cholangiocarcinoma with FGFR2 fusion or rearrangement (TA722)  
Abemaciclib for treating hormone receptor-positive, HER2-negative advanced breast cancer (updates & replaces TA579) (TA725)  
Midostaurin for treating advanced systemic mastocytosis (TA728)  
Nivolumab for treating recurrent or metastatic squamous cell carcinoma of the head and neck (TA736)  
Pembrolizumab for untreated advanced oesophageal & gastro-oesophageal junction cancer (TA737)  
Atezolizumab for untreated PD-L1-positive advanced urothelial cancer when cisplatin is unsuitable (TA739)  
Apalutamide with androgen deprivation therapy for treating high-risk hormone-relapsed non-metastatic prostate cancer (TA740)  
Apalutamide with androgen deprivation therapy for treating hormone-sensitive metastatic prostate cancer (TA741)  
Selpercatinib for treating advanced thyroid cancer with RET alterations (TA742)  
Nivolumab for adjuvant treatment of resected oesophageal or gastro-oesophageal junction cancer (TA746)  
Nintedanib for treating progressive fibrosing interstitial lung diseases (TA747)  
Mogamulizumab for previously treated mycosis fungoides and Sézary syndrome (TA754)  
Fedratinib for treating disease-related splenomegaly or symptoms in myelofibrosis (TA756)  
Selpercatinib for previously treated RET fusion-positive advanced non-small-cell lung cancer (TA760)  
Osimertinib for adjuvant treatment of EGFR mutation-positive non-small-cell lung cancer after complete tumour resection (TA761)  
Daratumumab in combination for untreated multiple myeloma when a stem cell transplant is suitable (TA763)  
Venetoclax with azacitidine for untreated acute myeloid leukaemia when intensive chemotherapy is unsuitable (TA765)  
Pembrolizumab for adjuvant treatment of completely resected stage 3 melanoma (TA766)  
Ponesimod for treating relapsing-remitting multiple sclerosis (TA767)  
Pembrolizumab with carboplatin and paclitaxel for untreated metastatic squamous non-small-cell lung cancer (TA770)  
Pembrolizumab for relapsed or refractory classical Hodgkin lymphoma after SCT or at least 2 previous therapies (TA772)  
Dostarlimab for previously treated advanced or recurrent endometrial cancer.... (TA779)  
Nivolumab with ipilimumab for untreated advanced renal cell carcinoma (TA780)  
Sotorasib for previously treated KRAS G12C mutation-positive advanced non-small-cell lung cancer (TA781)  
Daratumumab monotherapy for treating relapsed and refractory multiple myeloma (TA783)  
Niraparib for maintenance treatment of relapsed, platinum-sensitive ovarian, fallopian tube and peritoneal cancer (TA784)  
Tucatinib with trastuzumab & capecitabine for treating HER2-positive advanced breast cancer.... (TA786)  
Venetoclax with low dose cytarabine for untreated acute myeloid leukaemia when intensive chemotherapy is unsuitable (TA787)  
Avelumab for maintenance treatment of locally advanced or metastatic urothelial cancer.... (TA788)  
Tepotinib for treating advanced non-small-cell lung cancer with MET gene alterations (TA789)  
Diroximel fumarate for treating relapsing-remitting multiple sclerosis (TA794)  
Ibrutinib for treating Waldenstrom's macroglobulinaemia (replacing TA491) (TA795)  
Venetoclax for treating chronic lymphocytic leukaemia (replacing TA487) (TA796)  
Durvalumab for maintenance treatment of unresectable NSCLC after platinum-based chemoradiation (replacing TA578) (TA798)  
Pembrolizumab (plus chemo) for untreated, triple-negative, locally recurrent unresectable or metastatic breast cancer (TA801)  
Cemiplimab for treating advanced cutaneous squamous cell carcinoma (updates & replaces TA592) (TA802)  
Imflifidase for desensitisation treatment before kidney transplant in people with chronic kidney disease (TA809)  
Abemaciclib for adjuvant treatment of hormone receptor-positive, HER2-negative, node-positive early breast cancer (TA810)  
Pralsetinib for treating RET fusion-positive advanced non-small-cell lung cancer (TA812)  
Asciminib for treating chronic myeloid leukaemia after 2 or more tyrosine kinase inhibitors (TA813)  
Alpelisib with fulvestrant for treating hormone receptor-positive, HER2-negative, PIK3CA-mutated advanced breast cancer (TA816)  
Nivolumab for adjuvant treatment of invasive urothelial cancer at high risk of recurrence (TA817)  
Nivolumab with ipilimumab for untreated unresectable malignant pleural mesothelioma (TA818)  
Sacituzumab govitecan for treating unresectable triple-negative advanced breast cancer after 2 or more therapies (TA819)  
Atezolizumab for adjuvant treatment of resected non-small-cell lung cancer (TA823)  
Avacopan for treating severe active granulomatosis with polyangiitis or microscopic polyangiitis (TA825)  
Oral azacitidine for maintenance treatment of acute myeloid leukaemia after induction therapy (TA827)  
Pembrolizumab for adjuvant treatment of renal cell carcinoma (TA830)  
Zanubrutinib for treating Waldenstrom's macroglobulinaemia (TA833)  
Palbociclib with fulvestrant for treating hormone receptor-positive, HER2-negative advanced breast cancer (TA836)  
Pembrolizumab for adjuvant treatment of resected stage 2B or 2C melanoma (TA837)  
Cabozantinib for previously treated advanced hepatocellular carcinoma (TA849)  
Pembrolizumab for neoadjuvant and adjuvant treatment of triple-negative early or locally advanced breast cancer (TA851)  
Trifluridine-tipiracil for metastatic gastric cancer or gastro-oesophageal junction adenocarcinoma (replacing TA669) (TA852)  
Mobocertinib for treating EGFR exon 20 insertion mutation-positive advanced NSCLC after platinum-based chemotherapy (TA855)  
Nivolumab for untreated HER2-negative advanced gastric, gastro-oesophageal junction or oesophageal adenocarcinoma (TA857)  
Lenvatinib with pembrolizumab for untreated advanced renal cell carcinoma (TA858)  
Trastuzumab deruxtecan for treating HER2-positive unresectable or metastatic breast cancer (TA862)  
Nintedanib for treating idiopathic pulmonary fibrosis when FVC is above 80% predicted (partially replaces TA379) (TA864)  
Nivolumab for untreated unresectable advanced, recurrent, or metastatic oesophageal squamous cell carcinoma (TA865)  
Regorafenib for previously treated metastatic colorectal cancer (TA866)

Ixazomib with lenalidomide & dexamethasone for treating relapsed or refractory multiple myeloma (replacing TA505) (TA870)  
Axicabtagene ciloleucel for treating diffuse large B-cell lymphoma (replacing TA559) (TA872)  
Polatuzumab vedotin in combination for untreated diffuse large B-cell lymphoma (TA874)  
Nivolumab with chemotherapy for neoadjuvant treatment of resectable non-small-cell lung cancer (TA876)  
Voclosporin with mycophenolate mofetil for treating lupus nephritis (TA882)  
Pembrolizumab plus chemotherapy with or without bevacizumab for persistent, recurrent or metastatic cervical cancer (TA885)  
Olaparib for adjuvant treatment of BRCA mutation-positive HER2-negative high-risk early breast cancer after chemotherapy (TA886)  
Olaparib for previously treated BRCA mutation-positive hormone-relapsed metastatic prostate cancer (TA887)  
Ibrutinib with venetoclax for untreated chronic lymphocytic leukaemia (TA891)  
Brexucabtagene autoleucel for treating relapsed or refractory B-cell acute lymphoblastic leukaemia... (TA893)  
Axicabtagene ciloleucel for treating relapsed or refractory diffuse large B-cell lymphoma... (TA895)  
Daratumumab with bortezomib and dexamethasone for previously treated multiple myeloma (updates & replaces TA573) (TA897)  
Dabrafenib plus trametinib for treating BRAF V600 mutation-positive advanced non-small-cell lung cancer (TA898)  
Darolutamide with androgen deprivation therapy and docetaxel for treating hormone-sensitive metastatic prostate cancer (TA903)  
Pembrolizumab with lenvatinib for previously treated advanced or recurrent endometrial cancer (TA904)  
Olaparib for maintenance treatment of relapsed, platinum-sensitive ovarian, fallopian tube or peritoneal cancer (TA908)

## 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

<b>8.1 Cytotoxic drugs</b>		
<b>8.1.1 Alkylating drugs</b>		
Busulfan	(Red)	  
infusion		
Bendamustine	(Red) 	  
infusion		
Carmustine	(Red)	     
infusion		
Chlorambucil	(Red)	  
tablets		
Cyclophosphamide	(Red)	  
injection; tablets; oral suspension		
Ifosfamide	(Red)	 
injection		
Lomustine	(Red)	 
capsules		
Melphalan	(Red)	 
injection; tablets		
Treosulfan	(Red)	   
injection		
<b>8.1.2 Anthracyclines &amp; other cytotoxic antibiotics</b>		
Bleomycin	(Red)	 
injection		
Daunorubicin	(Red)	 
injection		
Doxorubicin Hydrochloride	(Red) 	  
infusion; injection		
Idarubicin	(Red)	 
capsules; injection		
Mitomycin	(Red)	  
injection		
Mitoxantrone	(Red)	 
infusion		
Pixantrone	(Red) 	 
infusion		

<b>8.1.3 Antimetabolites</b>		<b>NICE CG81</b>	<b>NICE CG131</b>
Azacitidine Red	injection	PbR X	<b>RESTRICTED</b> Haematology Consultants only
Capécitabine Red	tablets		 <b>RESTRICTED</b> Haematology Consultants only
Cladribine Red	infusion; injection	PbR X	<b>RESTRICTED</b> Haematology Consultants only
Clofarabine Red	infusion	PbR X	<b>RESTRICTED</b> Haematology Consultants only
Cytarabine Red	injection		<b>RESTRICTED</b> Haematology Consultants only
Cytarabine / Daunorubicin Red	Vyxeos® 100mg/44mg infusion	PbR X	<b>RESTRICTED</b> Haematology Consultants only
Fludarabine Red	injection; tablets		<b>RESTRICTED</b> Haematology Consultants only
Gemcitabine Red	infusion	PbR X	<b>RESTRICTED</b> Haematology Consultants only
Mercaptopurine Red	oral suspension; tablets (see also section 1.5.3)		
Methotrexate Red	infusion; injection; oral solution; tablets (see sections 1.5.3, 10.1.3 & 13.5.3)		
Pemetrexed Red	injection	PbR X	<b>RESTRICTED</b> Respiratory Consultants only in line with TA402
<b>8.1.4 Vinca alkaloids &amp; etoposide</b>			
Etoposide Red	capsules; infusion		<b>RESTRICTED</b> Haematology Consultants only
Vinblastine Sulfate Red	injection		<b>RESTRICTED</b> Haematology Consultants only
Vincristine Sulfate Red	injection		<b>RESTRICTED</b> Haematology Consultants only
<b>8.1.5 Other antineoplastic drugs</b>			
Acalabrutinib Red	infusion	PbR X	<b>RESTRICTED</b> Haematology Consultants only
Arsenic Trioxide Red	infusion	PbR X	<b>RESTRICTED</b> Haem. Consultants only / also in line with NICE TA526
Asciminib Red	Scemblix® 20mg/40mg tablets	PbR X	<b>RESTRICTED</b> Haem. Consultants in line with NICE TA813
Asparaginase e-coli Red	infusion		<b>RESTRICTED</b> Haematology Consultants only
Autologous anti-CD19-transduced CD3+ cells Red	Tecartus® infusion		<b>RESTRICTED</b> Haem. Consultants in line with NICE TA677
Axicabtagene ciloleucel Red	Yescarta® infusion		<b>RESTRICTED</b> in line with NICE TA872
Bevacizumab Red	Avastin® 100mg in 4mL vial	PbR X	<b>RESTRICTED</b> Haematology Consultants only

Bortezomib injection	Red ££	PbR X NICE MMC BNF emc blue teal	<b>RESTRICTED</b> Haematology Consultants only
Brentuximab Vedotin infusion	Red ££	PbR X NICE MMC BNF emc blue teal	<b>RESTRICTED</b> Haematology Consultants only
Brexucabtagene autoleucel	Red ££	PbR X NICE MMC BNF emc blue teal	<b>RESTRICTED</b> Haem. Consultants only in line with CDF
Tecartus® infusion		PbR X NICE MMC BNF emc blue teal	
Cabozantinib tablets; capsules	Red ££	PbR X NICE MMC BNF emc blue teal	<b>RESTRICTED</b> Specialist Consultant use only in line with NICE <b>NOT STOCKED</b>
Carfilzomib infusion	Red ££	PbR X NICE MMC BNF emc blue teal	<b>RESTRICTED</b> Haematology Consultants only in line with NICE
Ceritinib capsules	Red ££	PbR X NICE MMC BNF emc blue teal	<b>RESTRICTED</b> Respiratory Consultants only in line with NICE <b>NOT STOCKED</b>
Cetuximab infusion	Red ££	PbR X NICE MMC BNF emc blue teal	<b>RESTRICTED</b> Haematology Consultants only in line with NICE
Crisantaspase injection	Red ££	PbR X NICE MMC BNF emc blue teal	<b>RESTRICTED</b> Haematology Consultants only
Dacarbazine injection	Red	PbR X NICE MMC BNF emc blue teal	<b>RESTRICTED</b> Haematology Consultants only
Durvalumab infusion	Red ££	PbR X NICE MMC BNF emc blue teal	<b>RESTRICTED</b> Respiratory Consultants only in line with NICE <b>NOT STOCKED</b>
Entrectinib injection	Red ££	PbR X NICE MMC BNF emc blue teal	<b>RESTRICTED</b> Specialist Consultant use only in line with NICE
Eribulin injection	Red ££	PbR X NICE MMC BNF emc blue teal	<b>RESTRICTED</b> Specialist Consultant use only in line with NICE <b>NOT STOCKED</b>
Erlotinib tablets	Red ££	PbR X NICE MMC BNF emc blue teal	<b>RESTRICTED</b> Respiratory Consultants only in line with NICE <b>NOT STOCKED</b>
Everolimus tablets	Red ££	PbR X NICE MMC BNF emc blue teal	<b>RESTRICTED</b> Specialist Consultant use only in line with NICE <b>NOT STOCKED</b>
Hydroxycarbamide capsules; tablets (see below)	Red	PbR X NICE MMC BNF emc blue teal	<b>RESTRICTED</b> Haematology Consultants only
Ipilimumab infusion	Red ££	PbR X NICE MMC BNF emc blue teal	<b>RESTRICTED</b> Dermatology Consultants only in line with NICE <b>NOT STOCKED</b> MHRA
Ixazomib capsules	Red ££	PbR X NICE MMC BNF emc blue teal	<b>RESTRICTED</b> Haematology Consultants only in line with NICE
Lorlatinib Lorviqua® tablets	Red ££	PbR X NICE MMC BNF emc blue teal	<b>RESTRICTED</b> Respiratory Consultants only in line with NICE
Midostaurin Rydapt® capsules	Red ££	PbR X NICE MMC BNF emc blue teal	<b>RESTRICTED</b> Haematology Consultants only in line with NICE
Nintedanib esilate Ofev® capsules	Red ££	PbR X NICE MMC BNF emc blue teal	<b>RESTRICTED</b> Respiratory Consultants only in line with NICE
Nintedanib esilate	Red ££	PbR X NICE MMC BNF emc blue teal	<b>RESTRICTED</b> Respiratory Consultants only in line with NICE
Vargatef® capsules	Red ££	PbR X NICE MMC BNF emc blue teal	<b>RESTRICTED</b> Respiratory Consultants only in line with NICE <b>NOT STOCKED</b>
Niraparib Zejula® capsules	Red ££	PbR X NICE MMC BNF emc blue teal	<b>RESTRICTED</b> Gynaecology Consultants only in line with NICE <b>NOT STOCKED</b>

Panitumumab infusion			<b>RESTRICTED</b> Haematology Consultants only in line with NICE <b>NOT STOCKED</b>
Panobinostat capsules			<b>RESTRICTED</b> Haematology Consultants only in line with TA380
Pegaspargase Oncaspar® injection			<b>RESTRICTED</b> Haematology Consultants only
Pembrolizumab infusion			 <b>RESTRICTED</b> Specialist use only in line with NICE / NHSE
Pentostatin infusion			<b>RESTRICTED</b> Haematology Consultants only
Pertuzumab infusion			<b>RESTRICTED</b> Specialist Consultant use only in line with NICE <b>NOT STOCKED</b>
Procarbazine capsules			<b>RESTRICTED</b> Haematology Consultants only
Sacituzumab govitecan Trodelvy® infusion			<b>RESTRICTED</b> Specialist Consultant use only in line with NICE <b>NOT STOCKED</b>
Sorafenib tablets			<b>RESTRICTED</b> Haematology Consultants only in line with NICE
Sotorasib Lumykras® tablets			<b>RESTRICTED</b> PulmonaryOnc Consultants only in line with NICE TA781
Talimogene Laherparepvec injection			<b>RESTRICTED</b> Dermatology Consultants only in line with TA410
Tisagenlecleucel Kymriah® infusion			<b>RESTRICTED</b> in line with CDF criteria and NICE TA554 / TA567
Trastuzumab infusion; injection			<b>RESTRICTED</b> Specialist use only in line with NICE
Venetoclax tablets			 <b>RESTRICTED</b> Specialist use only in line with NICE / NHSE
Hydroxycarbamide - Essential thrombocythaemia or polycythaemia with high risk of complications			Amber
Hydroxycarbamide - Sickle Cell Disease			Amber
Hydroxycarbamide - Chemotherapy			Red
<b>Platinum compounds</b>			
Cisplatin injection			<b>RESTRICTED</b> Haematology Consultants only

<b>Protein kinase inhibitors</b>						
Aberemaciclib	Red ££	PbR X	NICE	MMC	BNF	blueiq emc
Verzenios® tablets						NOT STOCKED MHRA
Alectinib	Red ££	PbR X	NICE	MMC	BNF	blueiq emc
Alecensa® capsules						NOT STOCKED
Alpelisib	Red ££	PbR X	NICE	MMC	BNF	blueiq emc
Piqray® tablets						NOT STOCKED
Axitinib	Red ££	PbR X	NICE	MMC	BNF	blueiq emc
Inlyta® tablets						NOT STOCKED
Bosutinib	Red ££	PbR X	NICE	MMC	BNF	blueiq emc
Bosulif® tablets						NOT STOCKED
Brigatinib	Red ££	PbR X	NICE	MMC	BNF	blueiq emc
Alunbrig® tablets						NOT STOCKED
Crizotinib	Red ££	PbR X	NICE	MMC	BNF	blueiq emc
Xalkori® capsules						NOT STOCKED
Dabrafenib	Red ££	PbR X	NICE	MMC	BNF	blueiq emc
Tafinlar® capsules						NOT STOCKED
Dacomitinib	Red ££	PbR X	NICE	MMC	BNF	blueiq emc
Vizimpro® tablets						NOT STOCKED
Dasatinib	Red ££	PbR X	NICE	MMC	BNF	blueiq emc
Sprycel® tablets; powder for oral suspension						Haematology Consultants only
Encorafenib	Red ££	PbR X	NICE	MMC	BNF	blueiq emc
Braftovi® capsules						NOT STOCKED
Fedratinib	Red ££	PbR X	NICE	MMC	BNF	blueiq emc
Inrebit® capsules						Haematology Consultants only
Gefitinib	Red ££	PbR X	NICE	MMC	BNF	blueiq emc
tablets						NOT STOCKED
Gemtuzumab ozogamicin	Red ££	PbR X	NICE	MMC	BNF	blueiq emc
Mylotarg® injection						Haematology Consultants only
Gilteritinib fumarate	Red ££	PbR X	NICE	MMC	BNF	blueiq emc
Xospata® tablets						Haematology Consultants only
Ibrutinib	Red ££	PbR X	NICE	MMC	BNF	blueiq emc
Imbruvica® capsules; tablets						Haem. Consultants only / also in line with NICE
Idelalisib	Red ££	PbR X	NICE	MMC	BNF	blueiq emc
Zydelig® tablets						NOT STOCKED MHRA
Imatinib	Red ££	PbR X	NICE	MMC	BNF	blueiq emc
tablets						Haematology Consultants only
Inotuzumab ozogamicin	Red ££	PbR X	NICE	MMC	BNF	blueiq emc
Besponsa® 1mg solution for infusion						Haematology Consultants only
Larotrectinib sulfate	Red ££	PbR X	NICE	MMC	BNF	blueiq emc
Vitrakvi® 20mg/mL oral solution						Consultants only in line with NICE
Lenvatinib	Red ££	PbR X	NICE	MMC	BNF	blueiq emc
Kisplyx® capsules						NOT STOCKED
Lenvatinib	Red ££	PbR X	NICE	MMC	BNF	blueiq emc
Lenvima® capsules						NOT STOCKED

Neratinib Red ££	PbR X NICE MMC BNF emc blue teq	<b>RESTRICTED</b> Specialist use only in line with NICE TA612 <b>NOT STOCKED</b>
Nerlynx® tablets Red ££	PbR X NICE MMC BNF emc blue teq	<b>RESTRICTED</b> Specialist use only
Mobocertinib Red ££	PbR X NICE MMC BNF emc blue teq	<b>RESTRICTED</b> Haematology Consultants only
Exkivity® capsules Nilotinib Red ££	PbR X NICE MMC BNF emc blue teq	<b>RESTRICTED</b> Specialist use only in line with NICE
Tasigna® capsules Osimertinib Red ££	PbR X NICE MMC BNF emc blue teq	<b>RESTRICTED</b> Specialist use only in line with NICE
Tagrisso® tablets Palbociclib Red ££	PbR X NICE MMC BNF emc blue teq	<b>RESTRICTED</b> Specialist use only in line with NICE
Ibrance® capsules Ponatinib Red ££	PbR X NICE MMC BNF emc blue teq	<b>RESTRICTED</b> Specialist use only in line with NICE <b>NOT STOCKED</b> MHRA
Iclusig® tablets Regorafenib Red ££	PbR X NICE MMC BNF emc blue teq	<b>RESTRICTED</b> Specialist use only in line with NICE TA451 MHRA
Stivarga® 40mg tablets Ribociclib Red ££	PbR X NICE MMC BNF emc blue teq	<b>RESTRICTED</b> Specialist use only in line with NICE TA488 / TA555 <b>NOT STOCKED</b>
Kisqali® 200mg tablets Ruxolitinib Red ££	PbR X NICE MMC BNF emc blue teq	<b>RESTRICTED</b> Specialist use only in line with NICE
Jakavi® tablets Selpercatinib Red ££	PbR X NICE MMC BNF emc blue teq	<b>RESTRICTED</b> Specialist use only in line with NICE
Retsevmo® capsules Selumetinib Red ££	PbR X NICE MMC BNF emc blue teq	<b>RESTRICTED</b> Specialist use only for NF1 in line with NICE HST20
Koselugo® capsules Sunitinib Red ££	PbR X NICE MMC BNF emc blue teq	<b>RESTRICTED</b> Specialist use only in line with NICE
Sutent® capsules Tepotinib Red ££	PbR X NICE MMC BNF emc blue teq	<b>RESTRICTED</b> Specialist use only in line with NICE / NHSE
Tepmetko® 225mg tablets Tivozanib Red ££	PbR X NICE MMC BNF emc blue teq	<b>RESTRICTED</b> Specialist use only in line with NICE
Fotivda® capsules Trametinib Red ££	PbR X NICE MMC BNF emc blue teq	<b>RESTRICTED</b> Specialist use only in line with NICE TA396
Mekinist® tablets Zanubrutinib Red ££	PbR X NICE MMC BNF emc blue teq	<b>RESTRICTED</b> Specialist use only in line with NICE / NHSE
Brukina® 80mg hard capsules <b>Topoisomerase I inhibitors</b>	PbR X NICE MMC BNF emc blue teq	
Tretinoin Red	BNF emc blue teq	<b>RESTRICTED</b> Haematology Consultants only
capsules		
<b>Taxanes</b>		
Paclitaxel Red	PbR X NICE MMC BNF emc blue teq	<b>RESTRICTED</b> Haematology Consultants only
Infusion	PbR X NICE MMC BNF emc blue teq	MHRA
Cabazitaxel Red ££	PbR X NICE MMC BNF emc blue teq	<b>RESTRICTED</b> Haematology Consultants only
Jevtana® Infusion	PbR X NICE MMC BNF emc blue teq	

## 8.2 Drugs affecting the immune response

GMMG

### 8.2.1 Antiproliferative immunosuppressants

Azathioprine

Amber

tablets; oral solution; injection (see also sections 1.5.3; 10.1.3 &amp; 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 ££

Nulajix® 25mg/mL injection

PbR X NICE MMC BNF emc

### 8.2.2 Corticosteroids & other immunosuppressants

Antithymocyte immunoglobulin (Rabbit)

££

injection

PbR X NICE BNF emc

Basiliximab

Red ££

Simulect® injection

PbR X NICE MMC BNF emc

Ciclosporin (Dexamunel®) &amp; I.V. (Sandimmun®)

Amber ££

capsules; oral solution; injection

PbR X NICE MMC BNF emc

Sirolimus

Amber ££

oral solution; tablets

MMC BNF emc

Tacrolimus

Amber

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

PbR X NICE MMC BNF emc

Voclosporin

Red ££

capsules

PbR X NICE MMC BNF emc

Immunosuppressants - e.g. ciclosporin, tacrolimus, sirolimus

Amber

Red if no SCP

### 8.2.3 Anti-lymphocyte monoclonal antibodies

Alemtuzumab

Red ££

Lemtrada® infusion

PbR X NICE MMC BNF emc

RESTRICTED Renal Consultants only under Patient Access Scheme



Atezolizumab

Red ££

Tecentriq® infusion

PbR X NICE MMC BNF emc

RESTRICTED Specialist Consultants in line with NICE / NHSE



Avacopan

Red ££

Tavneos® capsules

PbR X NICE MMC BNF emc

RESTRICTED Specialist Consultants in line with NICE

Avelumab

Red ££

Bavencio® infusion

PbR X NICE MMC BNF emc

RESTRICTED Specialist Consultants in line with NICE

Blinatumomab

Red ££

Blincyto® infusion

PbR X NICE MMC BNF emc

RESTRICTED Haematology Consultants only in line with NICE

Burosumab

Red ££

Crysvita® injection

PbR X NICE MMC BNF emc

RESTRICTED X-linked hypophosphatemia

Daratumumab

Red ££

Darzalex® infusion

PbR X NICE MMC BNF emc

RESTRICTED Haematology Consultants only in line with NICE / NHSE

Glofitamab

Red ££

Columvi® infusion

PbR X NICE MMC BNF emc

RESTRICTED Haematology Consultants only in line with EAMS

Isatuximab

Red ££

infusion

PbR X NICE MMC BNF emc

RESTRICTED Haematology Consultants only in line with EAMS

Mogamulizumab

Red ££

Poteligeo® infusion

PbR X NICE MMC BNF emc

RESTRICTED Haematology Consultants only in line with NICE NOT STOCKED

Obinutuzumab

Red ££

Gazyvaro® infusion

PbR X NICE MMC BNF emc

RESTRICTED Haematology Consultants only in line with NICE

Ofatumumab

Red



Kesimpta® injection

PbR X NICE MMC BNF emc

**RESTRICTED**  
Consultants only in line with NICE

Pertuzumab   Perjeta® infusion	    		<b>RESTRICTED</b> Haematology Consultants only in line with NICE
Polatuzumab vedotin   Polivy® infusion	    		<b>RESTRICTED</b> Haematology Consultants only in line with NICE
Rituximab   injection; infusion (see also section 10.1.3)	    		<b>RESTRICTED</b> Consultants only in line with NICE / NHSE

**8.2.4 Other immunomodulating drugs****Interferon alfa**

Interferon alfa-2a

Red ££

Roferon-A® injection

Interferon alfa-2b

Red ££

IntronA®

Peginterferon alfa-2a

Red ££

Pegasys®

Peginterferon alfa-2b

Red ££

ViraferonPeg®

**Interferon beta**

Interferon beta-1a

Red ££

injection

Interferon beta-1b

Red ££

injection

**BCG bladder instillation**

BCG bladder instillation

Red

OncoTICE®

**Other Agents**

Canakinumab

Red ££

Ilaris® 150mg/mL injection

Cemiplimab

Red ££

Libtayo® 50mg/mL injection

Dimethyl Fumarate

Red ££

Tecfidera® capsules

Dinutuximab beta

Red ££

Qarziba® 4.5mg/mL injection

Diroximel Fumarate

Red ££

Vumerity® 231mg capsules

Fingolimod Hydrochloride

Red ££

Gilenya® capsules

Glatiramer acetate

Red ££

injection

Imifidase

Red ££

infusion

Lenalidomide

Red ££

Revlimid® capsules

Mifamurtide

Red ££

Mepact® Intravenous infusion

Natalizumab

Red ££

Tysabri® infusion

Nivolumab

Red ££

Opdivo® 10mg/mL infusion

Ocrelizumab

Red ££

Ocrevus® 30mg/mL infusion



Olaparib Red ££ capsules; tablets	PbR X NICE MMC BNF emc blueeq	<b>RESTRICTED Specialist use only in line with NICE NOT STOCKED</b>
Pomalidomide Red ££ capsules	PbR X NICE MMC BNF emc blueeq	<b>RESTRICTED Haematology only / also in line with NICE</b>
Ponesimod Red ££ Ponvory® tablets	PbR X NICE MMC BNF emc blueeq	<b>RESTRICTED Specialist use only in line with NICE TA767 NOT STOCKED</b>
Rucaparib Red ££ tablets	PbR X NICE MMC BNF emc blueeq MHRA	<b>RESTRICTED Specialist use only in line with NICE TA611 NOT STOCKED</b>
Teriflunomide Red ££ tablets	PbR X NICE MMC BNF emc blueeq	<b>RESTRICTED Specialist use only in line with NICE TA303 NOT STOCKED</b>
Thalidomide Red ££ capsules	PbR X NICE MMC BNF emc	<b>RESTRICTED Haematology Consultants only</b>

## 8.3 Sex hormones & hormone antagonists in malignant disease



### 8.3.1 Oestrogens

Diethylstilbestrol

tablets



**RESTRICTED**  
Specialist use only

### 8.3.2 Progestogens

Medroxyprogesterone Acetate

tablets



**RESTRICTED**  
Specialist use only

Megestrol Acetate

tablets



**RESTRICTED**  
Specialist use only

### 8.3.3 Androgens

Testolactone

tablets



**RESTRICTED**  
Specialist use only

### 8.3.4 Hormone Antagonists

#### 8.3.4.1 Breast Cancer

Aminoglutethimide

tablets



**NICE NG101**  
**RESTRICTED**  
Specialist use only

Anastrozole



tablets



**RESTRICTED**  
Specialist use only

Exemestane



tablets



**RESTRICTED**  
Specialist use only

Letrozole



tablets



**RESTRICTED**  
Specialist use only

Tamoxifen



tablets; oral solution



**RESTRICTED**  
Specialist use only

#### 8.3.4.2 Gonadorelin analogues & gonadotrophin-releasing hormone antagonists

##### Gonadorelin analogues

Buserelin



injection (see also section 6.7.2)



**RESTRICTED**  
Specialist use only

Goserelin



implant (also section 6.7.2)



**RESTRICTED**  
Specialist use only

Leuprorelin Acetate



injection (also section 6.7.2)



**RESTRICTED**  
Specialist use only

Triptorelin



injection (also section 6.7.2)



**RESTRICTED**  
Specialist use only

Goserelin/Leuprorelin - Licensed Indications (pre-op management prior to endometrial ablation/fibroid surgery)



Goserelin/Leuprorelin/Triptorelin - Licensed Indications (prostate cancer (all), breast cancer (goserelin))



Goserelin/Leuprorelin/Triptorelin - Precocious puberty and for testosterone castration in sex offenders (unlicensed in goserelin and leuprorelin)



Goserelin/Leuprorelin/Triptorelin - For all other unlicensed indications (including long term use &gt; 6 months)



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

## 8.4 Miscellaneous preparations

Glucarpidase



££

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

Trifluridine / Tipiracil hydrochloride

Red

££

tablets

PbR X

MMC

emc

PbR X

NICE

MMC

BNF

emc

GMMG

RESTRICTED

2<sup>nd</sup> line rescue therapyRESTRICTED Specialist use only in  
line with NICE

NOT STOCKED

# Section 9: Nutrition & blood

Supported by the  
formulary (click here)



## 9.1 Anaemias and some other blood disorders

- 9.1.1 Iron deficiency anaemias
- 9.1.2 Drugs used in megaoblastic anaemias
- 9.1.3 Drugs used in hypoplastic, haemolytic & renal anaemias
- 9.1.4 Drugs used in autoimmune thrombocytopenic purpura
- 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

- 9.4.1 Nutrition in special diets

## 9.5 Minerals

- 9.5.1 Calcium and magnesium
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## 9.6 Vitamins

- 9.6.1 Vitamin A
- 9.6.2 Vitamin B group
- 9.6.3 Vitamin C (Ascorbic acid)
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- 9.6.6 Vitamin K
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## 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)  
 Migalastat for treating Fabry disease (HST4)  
 Eliglustat for treating type 1 Gaucher disease (HST5)  
 Cerliponase alfa for treating neuronal ceroid lipofuscinosis type 2 (HST12)  
 Elosulfase alfa for treating mucopolysaccharidosis type 4A (HST19)  
 Asfotase alfa for treating paediatric-onset hypophosphatasia (replacing HST6) (HST23)  
 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)  
 Ravulizumab for treating atypical haemolytic uraemic syndrome (TA710)  
 Sapropterin for treating hyperphenylalaninaemia in phenylketonuria (TA729)  
 Crizanlizumab for preventing sickle cell crises in sickle cell disease (TA743)  
 Pegcetacoplan for treating paroxysmal nocturnal haemoglobinuria (TA778)  
 Roxadustat for treating symptomatic anaemia in chronic kidney disease (TA807)  
 Avalglucosidase alfa for treating Pompe disease (TA821)  
 Fostamatinib for treating refractory chronic immune thrombocytopenia (TA835)  
 Avatrombopag for treating primary chronic immune thrombocytopenia (TA853)

## 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



BNF

emc

1<sup>st</sup> line use**STANDARD PREPARATIONS ONLY**

Ferrous Fumarate

tablets; oral solution



BNF

emc

Ferric Maltol

Green

capsules

MMC BNF emc

Sodium Feredetate

oral solution



BNF

emc

**LIQUID PREPARATIONS ONLY**

#### Iron & folic acid

Ferrous Sulfate

M/R tablets



BNF

emc

Ferrous Fumarate

capsules; tablets



BNF

emc

#### 9.1.1.2 Parenteral iron

Ferric Carboxymaltose

Red

**RESTRICTED**

Ferinject® injection

MMC BNF emc

Iron (III) Isomaltoside 1000

Red

**RESTRICTED**

Monofer® injection

MMC BNF emc

Iron Sucrose

Red

**RESTRICTED**

Venofer® injection

MMC BNF emc

### 9.1.2 Drugs used in megaloblastic anaemias

Hydroxocobalamin

Intramuscular injection; sachets

MMC BNF emc

1<sup>st</sup> line use

Cyanocobalamin

Green

**See BSH guidance**

tablets

MMC BNF emc



### 9.1.3 Drugs used in hypoplastic, haemolytic & renal anaemias

#### Erythropoietins

Darbepoetin alfa

Red

**RESTRICTED**  
Renal Consultants only

injection

PbR X NICE MMC BNF emc

Epoetin Alfa

Red

**RESTRICTED**  
Renal Consultants only

injection

PbR X NICE BNF emc

Epoetin Beta

Red

**RESTRICTED**  
Renal Consultants only

injection

PbR X NICE BNF emc

#### Sickle-cell disease

Hydroxycarbamide

Amber

**RESTRICTED**  
Haematology Consultants only

oral solution; capsules

BNF emc

Crizanlizumab

Red

££

**RESTRICTED**  
Haematology Consultants only

Adakveo® infusion

PbR X NICE MMC BNF blue teal emc

in line with NICE / NHSE

Voxelotor

Red

££

**RESTRICTED**  
Haematology Consultants only

Oxbryta® 500mg tablets

PbR X MMC BNF blue teal emc

in line with EAMS / NHSE SSC2339

<b>Iron overload</b>						
Deferasirox Red ££ tablets	PbR X	MMC	BNF	emc	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	
<b>Hypoxia-inducible factor, prolyl hydroxylase inhibitor (HIF-PHI)</b>						
Roxadustat Red ££ Evrenzo® tablets	PbR X	NICE	MMC	BNF	blue teal	RESTRICTED Specialist use only in line with NICE
<b>Paroxysmal nocturnal haemoglobinuria &amp; atypical haemolytic uraemic syndrome</b>						
Eculizumab Red ££ infusion	PbR X	NICE	MMC	BNF	blue teal	RESTRICTED Haematology Consultants only
Ravulizumab Red ££ infusion	PbR X	NICE	MMC	BNF	blue teal	RESTRICTED Specialist use only in line with NICE
<b>9.1.4 Drugs used in autoimmune thrombocytopenic purpura</b>						
Anagrelide Red ££ capsules		MMC	BNF	emc		RESTRICTED Haematology Consultants only
Avatrombopag Red ££ Doptelet® tablets	PbR X	NICE	MMC	BNF	blue teal	RESTRICTED Specialist use only in line with NICE
Caplacizumab Red ££ Cabilivi® injection	PbR X	NICE	MMC	BNF	blue teal	RESTRICTED Specialist use only in line with NICE NOT STOCKED
Eltrombopag Red ££ Revolade® tablets	PbR X	NICE	MMC	BNF	blue teal	RESTRICTED Haematology Consultants only
Fostamatinib Red ££ Tavlesse® tablets	PbR X	NICE	MMC	BNF	blue teal	RESTRICTED Specialist use only
Lusutrombopag Red ££ Muplivo® tablets	PbR X	NICE	MMC	BNF	blue teal	RESTRICTED Specialist use only
Romiplostim Red ££ Nplate® injection	PbR X	NICE	MMC	BNF	blue teal	RESTRICTED Haematology Consultants only
<b>9.1.6 Drugs used in neutropenia</b>						
Filgrastim Red ££ injection	PbR X	MMC	BNF	emc		RESTRICTED Haematology Consultants only
Lenograstim Red ££ injection	PbR X	MMC	BNF	emc		RESTRICTED Haematology Consultants only
Pegfilgrastim Red ££ injection	PbR X	MMC	BNF	emc		RESTRICTED Haematology Consultants only
<b>9.1.7 Drugs used to mobilise stem cells</b>						
Plerixafor Red ££ injection	PbR X	MMC	BNF	emc	blue teal	RESTRICTED - initiation on advice of Haematology Consultant only
						NHSE

## 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 &amp; Glucose

infusion



Sodium Chloride, Calcium Chloride &amp; Potassium Chloride (Ringer's solution)

infusion



Sodium Chloride, Calcium Chloride, Potassium Chloride &amp; Sodium Lactate

infusion



##### Intravenous glucose

Glucose

infusion



##### Intravenous potassium

Potassium Chloride and Glucose

infusion



Potassium Chloride and Sodium Chloride

infusion



Potassium Chloride, Sodium Chloride &amp; Glucose

infusion



Bicarbonate and lactate		
Sodium Bicarbonate		
1.26%, 2.74%, 4.2% & 8.4% injection; infusion	 	
<b>Water</b>		
Water for Injections		
injection	 	
<b>9.2.2.2 Plasma &amp; plasma substitutes</b>		
Dextran		
<i>Dextran 40 - 10% in sodium chloride 0.9% infusion</i>		
Dextrose Acid Citrate ACDA		
solution		
Gelatin		
<i>Gelofusine® infusion</i>	 	

### 9.3 Intravenous nutrition

BNF

BNF  
for healthcare

GMMG

**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

9.4 Oral nutrition	GMMG
<b>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)</b>	NICE CG32
<b>9.4.1 Nutrition in special diets</b>	
Sapropterin dihydrochloride Red 	<b>RESTRICTED</b> Tetrahydrobiopterin deficiency
Kuvan® 100mg soluble tablets PbR X	  
LaBINIC® probiotic drops Red	<b>RESTRICTED</b> prevention of NEC
LaBINIC® probiotic drops	  

## 9.5 Minerals



### 9.5.1 Calcium and magnesium

#### 9.5.1.1 Calcium supplements

##### Oral preparations

Calcium Carbonate

Green

Cacit® effervescent tablets; Calcichew® chewable tablets



**BNF**



Calcium Carbonate & Calcium Lactate Gluconate

Green

Sandocal® 1000 effervescent tablets



**BNF**



##### Parenteral preparations

Calcium Gluconate

10% injection



**BNF**



Calcium Chloride

10% injection



**BNF**



##### with vitamin D

[see section 9.6.4](#)



**BNF**



##### with risedronate sodium & colecalciferol

[see section 6.6.2](#)



**BNF**



#### 9.5.1.2 Hypercalcaemia & hypercalciuria

Cinacalcet

Red 2<sup>nd</sup> HPT    Amber 1<sup>st</sup> HPT    ££

tablets



**NICE**



**BNF**



**RESTRICTED**  
as per NICE TA117

Etelcalcetide

Red ££

injection



**NICE**



**BNF**



**RESTRICTED**  
as per NICE TA448

#### 9.5.1.3 Magnesium

Magnesium Aspartate Dihydrate

Magnaspate® sachets

Magnesium Glycerophosphate

chewable tablets; capsules; oral solution; tablets

Magnesium Sulfate

injection; infusion

#### 9.5.2 Phosphorus

##### 9.5.2.1 Phosphate supplements

Phosphate supplements (*Phosphate-Sandoz®*)

effervescent tablets

Phosphates (*Polyfusor®*)

Red

infusion

##### 9.5.2.2 Phosphate-binding agents

Aluminium Hydroxide

Green

capsules

Calcium Carbonate

Green

tablets (see also section 9.5.1.1)

Calcium Acetate

Green

tablets

Calcium Acetate / Magnesium Carbonate

Green

Osvaren® 435mg/235mg tablets



**MMC**



**emc**

**NICE ESUOM4**

**1<sup>st</sup> line use**



**BNF**



**BNF**



**BNF**



**Effervescent tabs**



**BNF**



**I.V. preparation**



**BNF**



**NICE CG157**



**BNF**



**BNF**



**MMC**



**emc**

**RESTRICTED**  
Renal Consultants only



**MMC**



**emc**

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

## 9.6 Vitamins

GMMG

### 9.6.1 Vitamin A

Vitamin A

150,000units/mL drops

BNF emc

Vitamin A Palmitate

100,000units/2mL injection

BNF emc

Vitamins A &amp; D

capsules

BNF emc

### 9.6.2 Vitamin B group

Pyridoxine Hydrochloride

tablets

BNF emc

Thiamine

tablets

BNF emc

Vitamin B Compound

Vitamin B Compound Strong

tablets

BNF emc

Vitamins B &amp; C

Pabrinex® Intramuscular (IM) &amp; Intravenous (IV) injection

BNF emc

### 9.6.3 Vitamin C (Ascorbic acid)

Ascorbic acid

tablets

BNF emc

### 9.6.4 Vitamin D

Alfacalcidol

Green

capsules; injection; oral drops

BNF emc

Calcitriol

capsules; oral solution

BNF emc

### Vitamin D and calcium

Colecalciferol

Calcichew D3® Forte tablets / Adcal D3® chewable tablets

BNF emc

Calcium &amp; Ergocalciferol

calcium 97mg/vitamin D 400units

BNF emc

Colecalciferol

Cacit® D3 effervescent granules

BNF emc

### 9.6.5 Vitamin E (Tocopherols)

Alpha Tocopheryl Acetate (Vitamin E)

500mg/5mL liquid

BNF emc

Alpha Tocopheryl Acetate (Vitamin E)

75 unit capsules

BNF emc

### 9.6.6 Vitamin K

Phytomenadione

Konakion® MM &amp; Konakion® MM Paediatric injection

MMC BNF emc

Menadiol Sodium Phosphate

oral solution; tablets

MMC BNF emc

**9.6.7 Multivitamin preparations**

Vitamins B,C

**RESTRICTED**

Renavit® tablets



Vitamins A,D,E,K

**RESTRICTED**  
Paediatric CF patients

Paravit-CF® capsules; liquid



## 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

### 9.8.1 Drugs used in metabolic disorders

#### Wilson's Disease

Penicillamine

Amber

tablets (see also section 10.1.3)

Trentine Dihydrochloride

Red ££

capsules

3<sup>rd</sup> line use

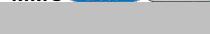
#### Carnitine Deficiency

Levod carnitine

Red

injection; oral solution

PbR X



#### Fabry's disease

Agalsidase Alfa

££

Replagal® infusion

PbR X

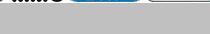


Migalastat

Red ££

Galafold® capsules

PbR X



#### Mucopolysaccharidosis

Elosulfase Alfa

Red ££

Vimizim® infusion

PbR X



Galsulfase

Red ££

Naglazyme® infusion

PbR X



Idursulfase

Red ££

Elaprase® infusion

PbR X



Laronidase

Red ££

Aldurazyme® infusion

PbR X



Vestronidase Alfa

Red ££

Mepsevii® infusion

PbR X

**NHSE CCP**

#### Nephropathic cystinosis

Cystagon® (Mercaptamine)

Red ££

capsules (NB: prescribe as CYSTAGON®)

PbR X

**RESTRICTED**

Specialist use only

**RESTRICTED****Specialist use only****RESTRICTED****Specialist use only**

<b>Homocystinuria</b>	<b>BIMDG</b>
Betaine Red ££ tablets; oral powder	RESTRICTED Specialist use only
Sodium Benzoate  injection; oral solution; tablets; powder	RESTRICTED Specialist use only
Uridine	RESTRICTED Specialist use only
<b>Other metabolic disorders</b>	
Asfotase alfa Red ££ Strensiq® injection	RESTRICTED Specialist use only (NICE HST23)
Cerliponase alfa Red ££ Brineura® 150mg solution for infusion	RESTRICTED Specialist use only (NICE HST12)
Eliglustat Red ££ Cerdela® 84mg capsules	RESTRICTED Specialist use only (NICE HST5)
Miglustat Red ££ 100mg capsules	RESTRICTED Specialist use only
Sodium dichloroacetate Red ££ U 50 mg/mL powder for reconstitution for oral solution (200 mL)	RESTRICTED Specialist use only Primary lactic acidosis / PDHC deficiency
Velaglucerase alfa Red ££ VPRIV® 400 units vial	RESTRICTED Specialist use only
<b>9.8.2 Acute porphyrias</b>	
Haem Arginate Red ££ infusion	

# 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

## 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)  
 Osteoarthritis (CG177)  
 Rheumatoid arthritis in adults: management (NG100)  
 Onasemnogene abeparvovec for treating spinal muscular atrophy (HST15)  
 Atidarsagene autotemcel for treating metachromatic leukodystrophy (HST18)  
 Ataluren for treating Duchenne muscular dystrophy with a nonsense mutation in the dystrophin gene (replacing HST3) (HST22)  
 Onasemnogene abeparvovec for treating presymptomatic spinal muscular atrophy (partial update of HST15) (HST24)  
 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)  
 Certolizumab pegol for treating rheumatoid arthritis after inadequate response to a TNF-alpha inhibitor (TA415)  
 Apremilast for treating active psoriatic arthritis (TA433)  
 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)  
 Filgotinib for treating moderate to severe rheumatoid arthritis (TA676)  
 Anakinra for treating Still's disease (TA685)  
 Adalimumab, etanercept, infliximab & abatacept for treating moderate RA after conventional DMARDs have failed (TA715)  
 Ixekizumab for treating axial spondyloarthritis in adults (TA718)  
 Secukinumab for treating non-radiographic axial spondyloarthritis in adults (TA719)  
 Tofacitinib for treating juvenile idiopathic arthritis (TA735)  
 Upadacitinib for treating moderate rheumatoid arthritis (TA744)  
 Belimumab for treating active autoantibody-positive systemic lupus erythematosus (replaces TA397) (TA752)  
 Risdiplam for treating spinal muscular atrophy (TA755)  
 Upadacitinib for treating active psoriatic arthritis after inadequate response to DMARDs (TA768)  
 Guselkumab for treating active psoriatic arthritis after inadequate response to DMARDs (replacing TA711) (TA815)  
 Upadacitinib for treating active ankylosing spondylitis (TA829)  
 Upadacitinib for treating active non-radiographic axial spondyloarthritis (TA861)

## GMMMG Formulary

Formulary Homepage  
 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

### 10.1 Drugs used in rheumatic diseases & gout

#### 10.1.1 Non-steroidal anti-inflammatory drugs (NSAIDs)

Ibuprofen

200mg; 400mg; 600mg tablets; 5% gel



NICE CG177

NICE NG100

1<sup>st</sup> line use

Naproxen

250mg; 500mg tablets



Celecoxib

100mg; 200mg capsules



RESTRICTED - osteoarthritis in line with NICE CG177



Diclofenac Sodium

50mg tablets



Flurbiprofen

50mg tablets



Mefenamic Acid

250mg; 500mg tablets



Meloxicam

7.5mg; 15mg tablets



Sulindac

100mg; 200mg tablets



Etodolac

600mg tablets



RESTRICTED Consultant Anaesthetist use only



Phenylbutazone

100mg; 200mg tablets



#### 10.1.2 Corticosteroids

##### 10.1.2.1 Systemic corticosteroids

Prednisolone



NICE NG100

##### 10.1.2.2 Local corticosteroid injections

Hydrocortisone Acetate



NICE NG100

Methylprednisolone Acetate



40mg/mL injection



Triamcinolone Acetonide



10mg/mL; 40mg/mL injection



Triamcinolone Hexacetonide



RESTRICTED Paediatric Rheumatology Consultants only

#### 10.1.3 Drugs that suppress the rheumatic disease process

##### Gold

Auranofin



tablets



NICE NG100

Sodium Aurothiomalate



injection



##### Penicillamine

Penicillamine



tablets



RESTRICTED Rheumatology Consultants only

<b>Antimalarials</b>			
Hydroxychloroquine Amber tablets		MMC BNF emc	<b>RESTRICTED</b> Rheumatology Consultants only
Mepacrine hydrochloride <b>U</b> Red 100mg tablets		MMC BNF emc	<b>RESTRICTED</b> Rheumatology Consultants only
<b>Drugs affecting the immune response</b>			<b>NICE NG100</b>
Azathioprine Amber tablets; injection; oral solution (see also sections 1.5.3, 8.2.1 & 13.5.3)	PbR X	BNF emc	<b>RESTRICTED</b> Rheumatology Consultants only
Ciclosporin Amber capsules; oral solution; injection (see also sections 8.2.2 & 13.5.3)	PbR X	MMC BNF emc	<b>RESTRICTED</b> Consultants only
Leflunomide Amber tablets		MMC BNF emc	<b>RESTRICTED</b> Rheumatology Consultants only
Methotrexate Amber oral Red parenteral tablets; injections (see also sections 1.5.3, 8.1.3 & 13.5.3)		MMC BNF emc	<b>RESTRICTED</b> Consultants only
<b>Cytokine modulators</b>			
Abatacept Red ££ injection; infusion	PbR X NICE	MMC BNF blue teq emc	<b>RESTRICTED</b> Rheum. Consultants only in line with NICE / NHSE
Adalimumab Red ££ injection (see also sections 1.5.3, 11.4.2 & 13.5.3)	PbR X NICE	MMC BNF blue teq emc	<b>RESTRICTED</b> Consultants only in line with NICE
Anakinra Red ££ injection	PbR X NICE	MMC BNF blue teq emc	<b>RESTRICTED</b> Consultants only in line with NICE
Apremilast Red ££ 10mg; 20mg; 30mg tablets	PbR X NICE	MMC BNF emc	<b>RESTRICTED</b> 3 <sup>rd</sup> /4 <sup>th</sup> line as per NICE/GMMMG
Baricitinib Red ££ 2mg; 4mg tablets	PbR X NICE	MMC BNF blue teq emc	<b>RESTRICTED</b> Rheumatology Consultants only in line with NICE
Belimumab Red ££ infusion	PbR X NICE	MMC BNF blue teq emc	<b>RESTRICTED</b> Consultants only
Certolizumab Red ££ injection (see also section 13.5.3)	PbR X NICE	MMC BNF emc	<b>RESTRICTED</b> Rheumatology Consultants in line with NICE
Etanercept Red ££ injection	PbR X NICE	MMC BNF blue teq emc	<b>RESTRICTED</b> Consultants only; in line with NICE
Filgotinib Red ££ tablets	PbR X NICE	MMC BNF blue teq emc	<b>RESTRICTED</b> Consultants only in line with NICE
Golimumab Red ££ injection	PbR X NICE	MMC BNF emc	<b>RESTRICTED</b> Consultants only in line with NICE
Guselkumab Red ££ 100mg/mL injection	PbR X NICE	MMC BNF emc	<b>RESTRICTED</b> in line with NICE
Infliximab Red ££ infusion	PbR X NICE	MMC BNF blue teq emc	<b>RESTRICTED</b> Consultants only in line with NICE
Ixekizumab Red ££ 80mg/1mL injection (see also section 13.5.3)	PbR X NICE	MMC BNF emc	<b>RESTRICTED</b> Consultants only in line with NICE
Rituximab Red ££ injection; infusion (see also section 8.2.3)	PbR X NICE	MMC BNF blue teq emc	<b>RESTRICTED</b> Consultants only in line with NICE / NHSE
Sarilumab Red ££ Kevzara® 150mg/1.14mL injection	PbR X NICE	MMC BNF blue teq emc	<b>RESTRICTED</b> Rheumatology Consultants only in line with NICE

Secukinumab Cosentyx® 150mg/1mL injection (see also section 13.5.3)		<b>RESTRICTED</b> Rheumatology Consultants only in line with NICE
Tocilizumab infusion		<b>RESTRICTED</b> Consultants only in line with NICE 
Tofacitinib 5mg; 10mg tablets (see also section 1.5.3)		<b>RESTRICTED</b> Consultants only in line with NICE 
Upadacitinib MR tablet (see also sections 1.5.3 & 13.5.3)		<b>RESTRICTED</b> Consultants only in line with NICE 
Ustekinumab injection; infusion (see also section 13.5.3)		<b>RESTRICTED</b> Dermatology TA340 / Gastro 3 <sup>rd</sup> line Crohn's
<b>10.1.4 Gout and cytotoxic induced hyperuricaemia</b>		
<b>Acute attacks of gout</b>		
Colchicine tablets		
<b>Long-term control of gout</b>		
Allopurinol tablets		1 <sup>st</sup> line use
Febuxostat tablets		<b>RESTRICTED</b> Rheumatology Consultants only 
<b>Hyperuricaemia associated with cytotoxic drugs</b>		
Rasburicase Fasturtec® infusion		<b>RESTRICTED</b> Haematology Consultants only
<b>10.1.5 Other drugs for rheumatic diseases</b>		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; Ryanodex 250mg/20mL vial

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

Atidarsagene autotemcel

Red ££

Libmeldy® infusion

Nusinersen

Red ££

injection

Onasemnogene abeparvovec

Red ££

Zolgensma® infusion

Risdiplam

Red ££

oral solution



1<sup>st</sup> line use



**RESTRICTED**  
diagnosis of myasthenia gravis  
Licensed product discontinued



1<sup>st</sup> line use



**RESTRICTED**  
Consultant Neurologist only



**Specialist use only**  
in line with NICE HST22



**Specialist use only**  
in line with NICE HST18



**Specialist use only**  
in line with NICE TA588 / NHSE  
Named patient access



**RESTRICTED** Paediatric Neurology  
Consultants only NICE / NHSE



**Specialist use only**  
in line with NICE TA755





## 10.4 Miscellaneous preparations

Glucarpidase



££

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

PbRx

MMC

emc

GMMG

RESTRICTED

2<sup>nd</sup> 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

## Trust Guidelines

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

## 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 (1<sup>st</sup> 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)  
 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)  
 Holoclар 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)  
 Faricimab for treating diabetic macular oedema (TA799)  
 Faricimab for treating wet age-related macular degeneration (TA800)  
 Brolucizumab for treating diabetic macular oedema (TA820)  
 Dexamethasone intravitreal implant for treating diabetic macular oedema (replacing TA349) (TA824)

## GMMMG Formulary

Formulary Homepage  
 Chapter 11: Eye (Complete)  
[GMMMG Adult Red/Amber/Green; DNP and Grey Drug List](#)  
[GMMMG Paediatric Red/Amber/Green Drug List](#)

## 11.3 Anti-infective eye preparations



### 11.3.1 Antibacterials

Chloramphenicol				
0.5% eye drops, 1% eye ointment				
Fusidic Acid (ophthalmic)				
1% eye drops				
Amikacin (ophthalmic) 			<b>RESTRICTED</b> microbial keratitis. Consultant Ophthalmologist only <b>NOT STOCKED</b>	
2.5% eye drops			<b>RESTRICTED</b> Consultant Ophthalmologist only	
Amphotericin				
0.15% eye drops				
Azithromycin (ophthalmic) 			<b>RESTRICTED</b> Consultant Ophthalmologist only	
Azyter® 1.5% eye drops				
Ceftazidime (ophthalmic) 			<b>RESTRICTED</b> Consultant Ophthalmologist only <b>NOT STOCKED</b>	
5% eye drops			<b>RESTRICTED</b> Consultant Ophthalmologist only	
Cefuroxime (ophthalmic) 			<b>RESTRICTED</b> Consultant Ophthalmologist only	
5% eye drops			<b>RESTRICTED</b> Consultant Ophthalmologist only	
Cefuroxime (intracameral injection) 			<b>RESTRICTED</b> Consultant Ophthalmologist only	
Ximaract® 50mg in 5mL intracameral injection				
Chlorhexidine (ophthalmic) 			<b>RESTRICTED</b> acanthamoeba keratitis. Consultant only	
0.02% eye drops				
Ciprofloxacin (ophthalmic)			<b>RESTRICTED</b> microbial keratitis. Consultant Ophthalmologist only	
0.3% eye drops				
Erythromycin (ophthalmic) 			<b>RESTRICTED</b> superficial eye infections	
0.5% eye ointment				
Gentamicin (ophthalmic) 			<b>RESTRICTED</b> Consultant Ophthalmologist only	
1.5% eye drops (Use with cefuroxime eye drops) 				
Levofloxacin (ophthalmic) 			<b>RESTRICTED</b> Consultant only corneal ulcers/ keratitis	
0.5% eye drops				
Oflloxacin 			<b>RESTRICTED</b> Consultant Ophthalmologist only	
0.3% eye drops				
Penicillin (ophthalmic) 			<b>RESTRICTED</b> microbial keratitis. Consultant Ophthalmologist only	
2,500 units/mL eye drops				
Polyhexamethylene Biguanide (PHMB) 			<b>NOT STOCKED</b>	
0.02% eye drops				
Polymyxin B Sulfate			<b>RESTRICTED</b> gram negative bacteria, including pseudomonas	
eye ointment				
Propamidine Isetionate 			<b>RESTRICTED</b> Consultant Ophthalmologist only	
0.1% eye drops				
Vancomycin (ophthalmic) 			<b>RESTRICTED</b> gram positives, including MRSA but not VRE <b>NOT STOCKED</b>	
5% eye drops				
Natamycin 			<b>RESTRICTED</b> fungal keratitis, conjunctivitis, fungal blepharitis	
5% eye drops				

**11.3.3 Antivirals**

Ganciclovir

Green

0.15% eye gel

Trifluorothymidine

U Red

1% eye drops



## 11.4 Corticosteroid & other anti-inflammatory preparations



### 11.4.1 Corticosteroids

Betamethasone

0.1% eye drops &amp; ointment



BNF

emc

Dexamethasone

0.1% eye drops &amp; minims



BNF

emc

Dexamethasone (intravitreal implant)

Red

££

Ozurdex® 700micrograms intravitreal implant

Fluocinolone Acetonide

Red

££

Iluvien® 190micrograms intravitreal implant

Prednisolone

0.5% &amp; 1% eye drops; 0.5% minims

Fluorometholone

Red

0.1% eye drops

Hydrocortisone sodium phosphate

Softacort® 3.35 mg/mL PF single use eye drops

Triamcinolone Acetonide

Red

U

Kenalog® 40mg/mL injectable suspension

Triamcinolone Acetonide

Red

Triesence® 40mg/mL injectable suspension

Triamcinolone Acetonide

Red

Intracinol® 40mg/mL ophthalmic suspension

### Corticosteroids preparations with antibiotics

Betamethasone / Neomycin Sulphate

0.1% / 0.5% eye drops (Betnesol-N®)

Dexamethasone / Neomycin Sulphate / Polymyxin B Sulphate

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

### 11.4.2 Other anti-inflammatory preparations

Sodium Cromoglicate

2% eye drops

Adalimumab

Red

££

Amgevita® injection (see also sections 1.5.3, 10.1.3 &amp; 13.5.3)

Antazoline with Xylometazoline

0.5% eye drops

Azelastine

0.05% eye drops

Ketotifen hydrogen fumarate

Ketofall® 0.25mg/mL PF eye drops

Lodoxamide

0.1% eye drops

Olopatadine

1mg/mL eye drops

Potassium Ascorbate

U

10% eye drops

RESTRICTED as per NICE TA229;  
TA460 & TA824RESTRICTED as per NICE  
TA301 & TA590

BNF

emc



BNF

emc



BNF

emc



BNF

emc



BNF

emc

RESTRICTED  
intralesional injection in skin graftsRESTRICTED uveitis; sympathetic  
ophthalmiaRESTRICTED opacification of the  
vitreous humour

BNF

emc



BNF

emc

RESTRICTED Consultant  
Ophthalmologist only  
Non-infectious UveitisRESTRICTED allergic conjunctivitis,  
children only

BNF

emc



BNF

emc

RESTRICTED  
allergic conjunctivitis

BNF

emc

RESTRICTED  
Seasonal allergic conjunctivitis

BNF

emc

RESTRICTED 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



BNF



BNF



BNF



**10% contraindicated in children & the elderly**



MMC



BNF



**RESTRICTED Pre-operative mydriasis in cataract patients**

## 11.6 Treatment of glaucoma

GMMG

NICE NG81

### Beta-blockers

Timolol

0.25% &amp; 0.5% eye drops

Timolol once-daily

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

Betaxolol

0.25% &amp; 0.5% eye drops, 0.25% minims

Levobunolol Hydrochloride

0.5% eye drops

### Prostaglandin analogues and prostamides

Travoprost

40 microgram/mL eye drops

Latanoprost

50 microgram/mL eye drops

Latanoprost (preservative free)

50 microgram/mL preservative free eye drops

Bimatoprost

100 microgram/mL eye drops

### Prostaglandin analogues (combination products)

Latanoprost / Timolol

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

### Sympathomimetics

Brimonidine Tartrate

0.2% eye drops

Apraclonidine

Green or Red

0.5%; 1% eye drops

### Carbonic anhydrase inhibitors & systemic drugs

Acetazolamide

Green

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

Brinzolamide

10mg/mL eye drops

Dorzolamide

2% eye drops; also preservative free

Dorzolamide / Timolol

Cosopt® 2% eye drops; also preservative free

Brinzolamide / Brimonidine

*Simbrinza®* 2% eye drops

### Miotics

Pilocarpine

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

Pilocarpine

4% ophthalmic gel



**RESTRICTED** to delay laser treatment / surgery in uncontrolled glaucoma



## 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



## Tetracaine (Amethocaine) (minims)

1% & 2% eye drops



## 11.8 Miscellaneous ophthalmic preparations



### Other preparations

Ciclosporin (eye)



2% eye drops

Ciclosporin (Ikervis®)



1mg/mL eye drops

Ciclosporin (Verkazia®)



1mg/mL eye drops

Sodium Chloride



5% eye drops

Botulinum toxin type A

Xeomin® injection

Allogeneic Serum eye drops



eye drops (minims) (from NHS Blood & Transplant Service) (not a medicine)

### 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

Cationorm®

preservative free 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



BNF

emc



NICE

MMC

BNF

emc



BNF

emc



BNF

emc



BNF

emc



MMC

BNF

emc



blueiq



MMC

BNF

emc



BNF

emc



BNF

emc



MMC

BNF

emc



BNF

emc



BNF

emc



MMC

BNF

emc



BNF

emc



BNF

emc



MMC

BNF

emc



BNF

emc



BNF

emc



BNF

emc



BNF

emc



BNF

emc



**RESTRICTED**  
Consultant Ophthalmologist only

**RESTRICTED**  
Consultant Ophthalmologist only  
in line with NICE TA369

**RESTRICTED** Paediatrics for vernal  
keratoconjunctivitis /  
severe allergic eye disease

**RESTRICTED**  
Consultant Ophthalmologist only  
blepharospasm & strabismus

**RESTRICTED**  
Consultant Ophthalmologist only  
NHSE Commissioning

MMC

BNF

emc

**RESTRICTED** Consultant  
Ophthalmologist only  
**NOT STOCKED**

MMC

BNF

emc

MMC

BNF

**11.8.2 Ocular diagnostic & peri-operative preparations & photodynamic treatment****Ocular diagnostic preparations**

Fluorescein Sodium

1% &amp; 2% preservative free eye drops

Fluorescein Sodium

Red

100mg/mL injection

Indocyanine green (ICG)

Red

Verdyne® 5mg/mL injection

**Ocular peri-operative drugs**

Acetylcholine Chloride

1% intraocular irrigation

Apraclonidine

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

Ketorolac Trometamol

Red

Acular® 0.5% eye drops

Bromfenac

Yellow® 0.9 mg/mL eye drops

Nepafenac

Nevanac® 1 mg/mL eye drops

Povidone-Iodine

5% eye drops

Heavy Silicone oil

Densiron® 68 - 10mL syringe

**Subfoveal choroidal neovascularisation**

Afiblerecept

Red

££

Eylea® 40mg in 1mL injection

Bevacizumab

Red

££



Avastin® 100mg in 4mL vial

Brolucizumab

Red

££

Beovu® 120mg in 1mL injection

Faricimab

Red

££

Vabysmo® 120mg/mL injection

Ranibizumab

Red

££

Lucentis® / Ongavia® 10mg/mL injection

Verteporfin

Red

££

Visudyne® 15mg vial

**Vitreomacular traction**

Ocriplasmin

Red

££

Jetrea® 0.5 mg/0.2mL injection

**11.8.3 Other preparations****Voretigene**

Voretigene neparvovec

Red

££

Luxturna® 2mL vial

**Insulin eye drops**

Insulin (soluble) eye drops

Red



Humulin S® in Systane® lubricant eye drops

&lt;/div

## 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

Betnesol® 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

Locerten-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



#### Analgesic / Anti-inflammatory / local anaesthetic preparations

Phenazone with Lidocaine

**RESTRICTED**  
paeds in line with NICE NG91



Otigo® 40mg/g / 10mg/g 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

DNP

ear drops

Sodium Bicarbonate

DNP

5% ear drops



## 12.2 Drugs acting on the nose



### 12.2.1 Drugs used in nasal allergy

#### **Antihistamines**

Azelastine Hydrochloride

140micrograms nasal spray



#### **Corticosteroids**

Beclometasone Dipropionate

50micrograms nasal spray



Betamethasone Sodium Phosphate

0.1% nose drops



Mometasone Furoate

50micrograms nasal spray



Fluticasone Furoate

Avamys® 27.5micrograms nasal spray

Fluticasone Propionate / Azelastine Hydrochloride

Green

Dymista® 50micrograms / 137micrograms nasal spray

#### **Cromoglicate**

Sodium Cromoglicate

4% nasal spray



### 12.2.2 Topical nasal decongestants

#### **Sympathomimetics**

Ephedrine Hydrochloride

0.5%; 1% nasal drops



Sodium Chloride

0.9% nasal drops



Xylometazoline Hydrochloride

0.1% nasal drops



#### **Antimuscarinics**

Ipratropium Bromide

0.03% nasal spray



### 12.2.3 Nasal preparations for infection

Chlorhexidine Dihydrochloride / Neomycin

Naseptin® 0.1% / 0.5% nasal cream



Mupirocin

2% nasal ointment



Rhinorrhoea associated with allergic & non-allergic rhinitis

1<sup>st</sup> line use staphylococcal infections

RESTRICTED MRSA / post nasal cautery

## 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

Miconazole

DNP

2% oral gel

Nystatin

DNP

100,000 units/mL oral suspension

### 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)  
 Secukinumab for treating moderate to severe plaque psoriasis in children and young people (TA734)  
 Risankizumab for treating active psoriatic arthritis after inadequate response to DMARDs (TA803)  
 Abrocitinib, tralokinumab or upadacitinib for treating moderate to severe atopic dermatitis (TA814)  
 Pembrolizumab for adjuvant treatment of resected stage 2B or 2C melanoma (TA837)  
 Difelikefalin for treating pruritus in people having haemodialysis (TA890)  
 Deucravacitinib for treating moderate to severe plaque psoriasis (TA907)

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 &amp; 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® &amp; Dermol® 500

**RESTRICTED** patients unable to tolerate 1<sup>st</sup> / 2<sup>nd</sup> line antimicrobial washes

##### 13.2.1.1 Emollient bath and shower preparations

DNP

#### Emollient bath and shower preparations without antimicrobials

When used for the management of eczema in children or adults. This recommendation does not apply to the use of standard emollients when used in the bath or shower as a soap substitute

DNP

#### With antimicrobials

Dermol® 600

Grey Green

bath emolient

Oilatum® Plus

bath emolient

#### 13.2.2 Barrier preparations

#### Proprietary barrier preparations

Metanium®

ointment

Sudocrem®

cream

Nappy care guidelines

**2<sup>nd</sup> line**  
only at parental request

**2<sup>nd</sup> line**  
only at parental request

## 13.3 Topical local anaesthetics & antipruritics

### 13.3 Topical local anaesthetics & antipruritics

Crotamiton

cream; lotion

Mepyramine Maleate

2% w/w cream



## 13.4 Topical corticosteroids

### Corticosteroid only preparations

#### HYDROCORTISONE

Canesten HC®

hydrocortisone 1% plus clotrimazole 1% cream

Daktacort®

hydrocortisone 1%, miconazole nitrate 2% cream; ointment

Eurax-Hydrocortisone®

hydrocortisone 0.25%, crotamiton 10% cream

Fucidin H®

hydrocortisone 1%, fusidic acid 1% cream

#### BETAMETHASONE ESTERS

Betamethasone valerate

0.025% ointment, cream

Betnovate-RD®

Betamethasone valerate 0.025% cream; ointment

#### CLOBETASONE BUTYRATE

Eumovate®

0.05% cream; ointment

#### BETAMETHASONE ESTERS

Betamethasone valerate

0.1% ointment; cream; lotion; scalp lotion

Betnovate®

0.1% cream; ointment; scalp application; lotion

Betamethasone valerate / Clioquinol

0.1% / 3% ointment; cream

Betamethasone valerate / Neomycin sulfate

0.1% / 0.5% cream; ointment

Diprosalic®

Betamethasone dipropionate 0.05%, salicylic acid 3% ointment

Fucibet®

Betamethasone valerate 0.1% plus fusidic acid 2% cream

Betnovate®

ointment 25% in coal tar

#### CLOBETASOL PROPIONATE

Dermovate®

clobetasol propionate 0.05% ointment; cream; lotion; scalp lotion

Dermovate NN®

clobetasol propionate 0.05% / neomycin / nystatin cream

Etrivex®

clobetasol propionate 500 micrograms/g shampoo

#### DIFLUCORTOLONE VALERATE

Diflucortolone valerate 

0.3% oily cream



NICE TA81

Potency

Mild

Mild

Mild

Mild

Potency

Moderate



Moderate



Potency

Moderate



Potency

Potent



Potent



Potent



Potent



Potent



Potent

DERMATOLOGY ONLY



Potency

Very potent



Very potent



Very potent

MMC BNF emc RESTRICTED - 1<sup>st</sup> Care referral



Potency

Very potent

MMC BNF emc RESTRICTED Consultant Gynaecologist

## 13.5 Preparations for eczema & psoriasis



### 13.5.1 Preparations for eczema

Alitretinoin

Red

££

10mg; 30mg capsules

**RESTRICTED**

Dermatology Consultants only

### 13.5.2 Preparations for psoriasis

#### Topical preparations for psoriasis

Calcipotriol

Dovonex® ointment; with Betamethasone (Dovobet® 0.05% ointment)

**NICE CG153****RESTRICTED**

Dermatology Consultants only

Dithranol

Green

Red (unlicensed preps)

Dithocream® 0.1% &amp; 0.25% cream

**RESTRICTED**

Dermatology Consultants only

Salicylic acid

Zinc & Salicylic acid paste BP (*Lassar's Paste*)
 
**RESTRICTED**

Dermatology Consultants only

Tacalcitol

Curatoderm® lotion; ointment

**RESTRICTED**

Dermatology Consultants only

#### Tars

Coal tar paste BP

paste

Cocois®

scalp ointment

#### Oral retinoids for psoriasis

Acitretin

Red

10mg; 25mg capsules

**RESTRICTED**

Dermatology Consultants only

#### Dimethyl Fumarate

Dimethyl Fumarate

Red

££

30mg; 120mg tablets

**RESTRICTED**3<sup>rd</sup>/4<sup>th</sup> line as per NICE/GMMMG  
Referral to SRFT

### 13.5.3 Drugs affecting the immune response

Abrocitinib

Red

££

Cibingo® 50mg; 100mg; 200mg tablets

**RESTRICTED**Dermatology Consultants only  
in line with NICE 

Azathioprine

Amber

25mg; 50mg tablets (see also sections 1.5.3, 8.2.1 &amp; 10.1.3)

**RESTRICTED**

Dermatology Consultants only

Ciclosporin

Amber

25mg, 50mg &amp; 100mg caps; 100mg/1mL oral soln; Infusion (see also section 8.2.2)

**RESTRICTED**

Dermatology Consultants only

Methotrexate

Amber

2.5mg tablets (see also sections 8.1.3 &amp; 10.1.3)

**RESTRICTED**

Dermatology Consultants only

Pimecrolimus

Green

1% cream

**RESTRICTED**

Dermatology Consultants only

Tacrolimus (specially made by SRFT)

Green

0.03%; 0.1% ointment

**RESTRICTED**

Dermatology Consultants only

Upadacitinib

Red

££

Rinvoq® 15mg; 30mg MR tablets (see also sections 1.5.3 &amp; 10.1.3)

**RESTRICTED**

Dermatology Consultants only

in line with NICE

<b>Cytokine Modulators</b>		(see also section 10.1.3)
Adalimumab Red	££	<b>RESTRICTED</b> Dermatology Consultants only
injection (see also sections 1.5.3, 10.1.3 & 11.4.2)		PbR X NICE MMC BNF emc blueeq
Apremilast Red	££	<b>RESTRICTED</b> 3 <sup>rd</sup> /4 <sup>th</sup> line as per NICE/GMMMG Referral to SRFT
10mg; 20mg; 30mg tablets		PbR X NICE MMC BNF emc
Brodalumab Red	££	<b>RESTRICTED</b> Dermatology only in line with NICE
140mg/mL injection		PbR X NICE MMC BNF emc
Certolizumab Red	££	<b>RESTRICTED</b> Dermatology only in line with NICE
200mg injection (see also section 10.1.3)		PbR X NICE MMC BNF emc
Dupilumab Red	££	<b>RESTRICTED</b> Dermatology only in line with NICE
150mg/mL injection (see also section 3.4.2)		PbR X NICE MMC BNF emc blueeq
Etanercept Red	££	<b>RESTRICTED</b> Dermatology Consultants only
injection (see also section 10.1.3)		PbR X NICE MMC BNF emc blueeq
Guselkumab Red	££	<b>RESTRICTED</b> in line with NICE
100mg/mL injection		PbR X NICE MMC BNF emc
Infliximab Red	££	<b>RESTRICTED</b> Dermatology only in line with NICE
100mg injection (see section 10.1.3)		PbR X NICE MMC BNF emc blueeq
Ixekizumab Red	££	<b>RESTRICTED</b> Dermatology only in line with NICE
80mg/1mL injection		PbR X NICE MMC BNF emc
Risankizumab Red	££	<b>RESTRICTED</b> Specialist use only in line with NICE
75mg; 150mg injection		PbR X NICE MMC BNF emc blueeq
Secukinumab Red	££	<b>RESTRICTED</b> Dermatology only in line with NICE
150mg/1mL injection		PbR X NICE MMC BNF emc blueeq
Tildrakizumab Red	££	<b>RESTRICTED</b> Dermatology only in line with NICE <b>NOT STOCKED</b>
100mg injection		PbR X NICE MMC BNF emc
Ustekinumab Red	££	<b>RESTRICTED</b> Dermatology NICE TA180 & 455 / Gastro 3 <sup>rd</sup> line Crohn's injection (see section 10.1.3)
		PbR X NICE MMC BNF emc blueeq

## 13.6 Acne & Rosacea

### 13.6.1 Topical preparations for acne

For mild to moderate acne, use topical bezyl peroxide or a topical retinoid 1<sup>st</sup> line. Topical antibiotic should be reserved for patients who have not responded to other topical preparations.



NICE CKS: Acne

#### Benzyl peroxide & azelaic acid

Benzoyl Peroxide



4% cream; 5% gel

Azelaic acid

Skinoren® 20% cream

#### Topical antibacterials for acne

Clindamycin

Dalacin T® 1% topical lotion

Erythromycin

Zinergy® 40mg/mL erythromycin; zinc acetate 12mg/mL lotion

#### Topical retinoids & related preparations for acne

Adapalene

Differin® 0.1% cream; 0.1% gel

#### Topical retinoids with antibacterial

Isotretinoin with Erythromycin

Isotrexin® 500micrograms/1g : 20mg/1g gel

### 13.6.2 Oral preparations for acne

Oral antibiotics should be reserved for moderate to severe acne or where topical preparations have failed. Please refer to Chapter 5.

Lymecycline

408mg capsules (see also section 5.1.3)

#### Hormone treatment for acne

Co-cyprindiol

Cyproterone acetate 2mg / ethinylestradiol 35micrograms tablets

#### Oral retinoid for acne

Isotretinoin

Red

5mg; 10mg; 20mg; 40mg capsules



1<sup>st</sup> line



2<sup>nd</sup> line



2<sup>nd</sup> / 3<sup>rd</sup> line



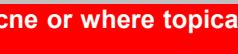
2<sup>nd</sup> / 3<sup>rd</sup> line



1<sup>st</sup> line



**RESTRICTED**  
Dermatology Consultants only



NICE CKS: Acne



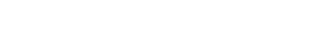
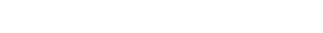
**RESTRICTED**  
GP referral only



**RESTRICTED**  
GP referral only



**RESTRICTED**  
Dermatology Consultants only



## 13.7 Preparations for warts & calluses

GMMG

### 13.7 Preparations for warts & calluses

Salicylic acid

DNP

ointment; liquid

Silver Nitrate

pencil

Silver Nitrate

75% applicator

#### Anogenital warts

Podophyllotoxin

0.15% cream

Imiquimod

Green

5% cream



**RESTRICTED**  
Dermatology Consultants only

**RESTRICTED**  
ENT - nasal cautery

1<sup>st</sup> line

**RESTRICTED**  
GUM Consultant only

## 13.8 Sunscreens & camouflagers

### 13.8.1 Sunscreen preparations

#### Photodamage

Methyl-5-Aminolevulinate



160mg/g cream



**RESTRICTED** Dermatology  
Consultants & Vulval Intraepithelial  
Neoplasia (VIN) only

Diclofenac Sodium



**RESTRICTED**  
Dermatology Consultants

Solaraze® 3% gel



Fluorouracil / Salicylic acid



**RESTRICTED** Dermatology  
Consultants as per MMC

Actikeral® 0.5% / 10% cutaneous solution



Ingenol Mebutate



**RESTRICTED** Dermatology  
Consultants for GP recommendation

Picato® 150 micrograms/g gel (face & scalp); 500 micrograms/g gel (trunk & extremities)



## 13.9 Shampoos & other preparations for scalp / hair conditions



### Shampoos

Ketoconazole



*Nizoral®* 2% shampoo



*Capasal®*



coal tar 1%, coconut oil 1% &, salicylic acid 0.5% shampoo



*Ceanel Concentrate®*



cetrimide 10%, undecenoic acid 1% & phenylethyl alcohol 7.5% shampoo



### Other scalp preparations

*Polytar®*



40mg/mL coal tar scalp shampoo



### Hirsutism

Eflornithine



*Vaniqa®* 11.5% cream

**RESTRICTED** persistent / severe seborrhoeic dermatitis / dandruff

**RESTRICTED**  
Dermatology Consultants only

**RESTRICTED**  
Dermatology Consultants only

**RESTRICTED**  
Dermatology Consultants only



## 13.10 Anti-infective skin preparations

### 13.10.1 Antibacterial preparations

#### 13.10.1.1 Antibacterial preparations only used topically

Mupirocin

2% cream; ointment



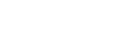
Fusidic acid

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

**1<sup>st</sup> line**  
antifungal for nail infections

**1<sup>st</sup> line**  
treatment of ringworm

**1<sup>st</sup> line**  
fungal skin infections

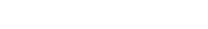
**2<sup>nd</sup> line**  
fungal skin infections

**2<sup>nd</sup> line**  
fungal skin infections

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



**RESTRICTED**  
Theatres only

#### Preparations for boils

Magnesium Sulfate

paste, BP



#### Skin tissue adhesive

Histoacryl®

0.5mL skin adhesive



**RESTRICTED**  
Theatres only

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

## 13.12 Antiperspirants

### **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

GMMG

### *Topical circulatory preparations*

Hirudoid®

0.3% cream; 0.3% gel



## 13.14 Miscellaneous preparations

			GMMG
8-Methoxysoralen  10mg tablets	MMC		<b>RESTRICTED</b> Dermatology Consultants only
Fumaric Acid Esters  Fumaderm® tablets	MMC		<b>RESTRICTED</b> Dermatology Consultants only
Glucarpidase  	MMC		<b>RESTRICTED</b> 2 <sup>nd</sup> line rescue therapy
Voraxaze® 1,000 unit injection (see also sections 1.10, 8.4 & 10.4) 	PbRX	MMC	
Hyaluronic acid / Lidocaine  Juvederm® / Belotero® injection	MMC		<b>RESTRICTED</b> 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  
COVID-19 vaccine  
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 \(ON HOLD\)](#)  
[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 \(2<sup>nd</sup> edition update\)](#)  
[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))



injection

### **Botulism antitoxin**

Botulism antitoxin

injection

### **COVID-19 vaccine**

AstraZeneca COVID-19 vaccine

Vaxzevria® injection

Moderna Biotech COVID-19 vaccine

Spikevax® injection

Novavax COVID-19 vaccine

Nuvaxovid® injection

Pfizer-BioNTech COVID-19 vaccine

Comirnaty® injection

### **Diphtheria vaccines (children under 10yrs old)**

Pediacel®

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

Gardasil® injection



**RESTRICTED**  
Emergencies only

**RESTRICTED**  
Paediatric Immunology Consultant

<b>Influenza vaccine</b>	Influenza vaccine	BNF emc
	injection, intranasal	
<b>Measles, Mumps &amp; Rubella (MMR) vaccine</b>	Measles, Mumps & Rubella vaccine	BNF emc
	injection	
<b>Meningococcal vaccines</b>	Meningococcal Polysaccharide A, C, W135 & Y vaccine	BNF emc
	injection	
Meningococcal group B vaccine		BNF emc
Bexsero® injection	MMC	BNF emc
Meningococcal group C vaccine		BNF emc
	injection	
<b>Pneumococcal vaccines</b>	Pneumococcal Polysaccharide vaccine	BNF emc
	injection	
<b>Poliomyelitis vaccines</b>	Poliomyelitis vaccine inactivated	BNF emc
		BNF emc
<b>Rabies vaccines</b>	Rabies vaccine inactivated	BNF emc
Rabipur® injection		BNF emc
<b>Tetanus vaccines</b>	Tetanus vaccine adsorbed	BNF emc
	injection	
<b>Typhoid vaccines</b>	Typhoid polysaccharide vaccine	BNF emc
Typhim Vi® injection		BNF emc
<b>Varicella-zoster vaccines</b>	Varicella-Zoster live attenuated vaccine	BNF emc
Varivax® injection		BNF emc

## 14.5 Immunoglobulins

**IVIG Request Form**

### 14.5.1 Normal immunoglobulin

**Red** (for ITP & home treatment programmes)

#### For intramuscular use

Normal immunoglobulin injection

**Red** ££

injection

PbR X



BNF

emc

**RESTRICTED**  
Specialist use only  
**IVIG Request Form**

#### For subcutaneous use

Normal immunoglobulin injection

**Red** ££

injection

PbR X



BNF

emc

**RESTRICTED**  
Specialist use only  
**IVIG Request Form**

#### For intravenous use

Human normal immunoglobulin

**Red** ££

injection

PbR X



BNF

emc

**RESTRICTED**  
Specialist use only  
**IVIG Request Form**

### 14.5.2 Disease-specific immunoglobulins

#### Hepatitis B immunoglobulin

Hepatitis B immunoglobulin

injection



BNF

emc

**RESTRICTED**  
Not Stocked

#### Tetanus immunoglobulin

Tetanus immunoglobulin

injection



BNF

emc

#### Varicella-Zoster immunoglobulin

Varicella-Zoster immunoglobulin

**Green**

injection



BNF

emc

**RESTRICTED**  
Not Stocked

#### Cytomegalovirus (CMV) immunoglobulin

Human normal immunoglobulin (CMV)

injection



BNF

emc

**RESTRICTED**  
Specialist use only

#### 14.5.3 Anti-D ( $Rh_0$ ) immunoglobulin

Anti-D ( $Rh_0$ ) immunoglobulin

**Red**

injection



NICE



BNF



emc



NICE



BNF



emc



NICE



BNF



emc



NICE



BNF



emc



NICE



BNF



emc



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NICE



# 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 (ON HOLD)  
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% &amp; 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 &amp; 4.8.2)

Lorazepam

tablets; injection (see also sections 4.1.2 &amp; 4.8.2)

Midazolam

Green



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

Temazepam



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

**15.1.4.4 Other drugs for sedation**

Dexmedetomidine

infusion

**15.1.5 Neuromuscular blocking drugs****Non-depolarising neuromuscular blocking drugs**

Atracurium Besilate

injection

Cisatracurium

injection

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

Bridion® injection

**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



MMC BNF emc

**RESTRICTED**  
Specialist use only**RESTRICTED**  
Specialist use only**RESTRICTED**  
Consultant only**RESTRICTED - Consultant**  
(Emergency) use in Theatres only  
Complete Trust incident & audit forms

## 15.2 Local anaesthesia

### 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

Instillage® 2% gel

Lidocaine with Phenylephrine

Co-phenylcaine® 5% / 0.5% spray

Lidocaine with Prilocaine

EMLA® 5% cream

Lidocaine

4% topical solution

Lidocaine

Laryngojet® 4% (160mg/4mL) jet spray

Lidocaine

5% ointment

Lidocaine

Xylocaine® 10% spray

Lidocaine

Green DNP

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**

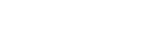
Levobupivacaine

Chirocaine® 25mg/10mL; 50mg/10mL; 75mg/10mL injection; epidural 250mg/200mL

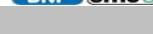
Levobupivacaine with Fentanyl



0.1% with 2microgram/mL epidural



**RESTRICTED**  
Consultant / specialist pain team only



<b>Prilocaine Hydrochloride</b>	
Prilocaine Hydrochloride	
Citanest® 1% injection	 
Prilocaine Hydrochloride	
Prilokal® 2% injection	   
Prilocaine with Felypressin	
Octapressin® 3% cartridges (30mg/mL Citanest with 0.54micrograms/mL)	  
<b>Ropivacaine Hydrochloride</b>	
Ropivacaine	
injection; infusion	   
<b>Tetracaine (Amethocaine)</b>	
Tetracaine	
4% gel	   
<b>Local Anaesthetic Toxicity</b>	<b>AAGBI SAFETY GUIDELINE</b>
Intralipid 20%	
20% injection	   
<b>Other agents</b>	
Cocaine	
 5% solution	   
Ethyl Chloride	
Cryogesic® spray	   
Mepivacaine Hydrochloride	
3% injection	   
Neomycin Sulfate / Fluocinolone Acetonide / Lidocaine Hydrochloride	<b>RESTRICTED Paediatrics. Intra-urethral steroid ointment</b>
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**



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

Sulphur Hexafluoride

**MMC**



SonoVue® (8microlitre/mL) injection

**MMC**

