DRUG FORMULARY

Updated after HUTH Drug and Therapeutics Committee meeting of October 2019

This formulary is used and maintained by Hull University Teaching Hospitals NHS Trust.

It is also used as a formulary by Humber Teaching Foundation NHS Trust (HTFT) and City Health Care Partnership (CHCP).

The formulary has been agreed with Hull Clinical Commissioning Group and East Riding of Yorkshire Clinical Commissioning Group with the expectation that providers within Hull and East Riding will prescribe and recommend drug treatments from those listed in the formulary.

A joint formulary is available for primary care on the HERPC website:
https://www.hey.nhs.uk/herpc

Guide:

<table>
<thead>
<tr>
<th>Bold and highlighted = preferred first line agent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Italics = specialist recommendation only</td>
</tr>
<tr>
<td>Other agents = can still be used, but are not preferred first line agent</td>
</tr>
</tbody>
</table>

Drugs not listed are considered non formulary, and will not be supplied from hospital pharmacy. Non formulary drugs should not be recommended for initiation in primary care.

For further information on formulary process, including application for use of additional agents within individual organisations, see contact details below:

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Jane Morgan, Senior Principal Pharmacist
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Humber Teaching Foundation NHS Trust
Weeliat Chong, Chief Pharmacist
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City Health Care Partnership
Graham Hill / Emma Baggaley, Senior Pharmacist
Tel. 01482 344151, e-mail grahamhill1@nhs.net or Emma.baggaley@nhs.net

Interface queries
Antonio Ramirez, Senior Principal Pharmacist – Interface, HUTH
Tel. 01482 675207 or 674731, e-mail antonio.ramirez@hey.nhs.uk
Emergency Treatment of Poisoning

Charcoal, activated
Acetylcysteine
Methionine
Dehydrated (absolute) alcohol/ethanol
Fomepizole
Glucarpidase

Other agents are listed elsewhere in the formulary.

- Antidote Formulary List A
- Antidote Formulary List B
- Antidote Guideline List
- Antidote Availability
- Antidote Availability (Regional)
CHAPTER 1: GASTRO-INTESTINAL DRUGS

15.2 ANTACIDS
Sodium Citrate
Maternity

15.2.8 Aluminium and Magnesium containing
Magnesium Trisilicate
Aluminium Hydroxide
Maalox®
Mucaine®
Simeticone Infacol®

1.1.2 Sodium Bicarbonate
Sodium Bicarbonate

1.1.3 Other drugs for dyspepsia and GORD.
Peptac®
Gaviscon Advance®
Gaviscon Infant®
Labinic Liquid

1.2 ANTISPASMODICS
ANTIMUSCARINICS
Hyoscine butylbromide
Alverine Citrate
Propantheline
OTHER
Mebeverine
Peppermint oil
Peppermint water

MOTILITY STIMULANTS
Metoclopramide/Domperidone – see 4.6

1.3 ULCER HEALING DRUGS
1.3.1 H₂ receptor antagonists
Ranitidine

1.3.3 Chelates and Complexes
Sucralfate

1.3.5 Proton pump inhibitors
Lansoprazole
Omeprazole (Oral ONLY)
Pantoprazole (Intravenous ONLY)
Esomeprazole Granules

1.4 ANTIDIARRHOEAL DRUGS
1.4.2 Antimotility drugs
1.5 TREATMENT OF CHRONIC DIARRHOEA

AMINOSALICYLATES

Mesalazine * Remember to clarify the brand of SR products *
Sulfasalazine
Balsalazide "Gastroenterology"
Olsalazine "Gastroenterology"

ANION EXCHANGE RESIN

Cholestyramine

CORTICOSTEROIDS

Hydrocortisone 10% foam
Hydrocortisone suppository
Prednisolone enemas and suppository
Budesonide "Gastroenterology"

FOOD ALLERGY

Sodium cromoglicate (oral capsules) "Immunology"

1.6 LAXATIVES

1.6.1 Bulk forming

Fybogel
Methylcellulose

1.6.2 Stimulant

Senna
Bisacodyl
Docusate Sodium
Glycerin Suppositories Adult, Children
Sodium Picosulfate
Co-danthramer 25/200 "Palliative Care"
Co-danthramer 75/1000 "Palliative Care"
Manevac® "Maternity Unit"

1.6.3 Faecal Softeners

Arachis Oil retention enemas

1.6.4 Osmotic

Phosphate enemas
Relaxit® enemas
Magnesium Sulphate
Macrogol sachets (e.g. Laxido®, Movicol®)
Movicol Liquid
Lactulose solution
Gastrografin

1.6.5 Bowel Cleansing Solutions

Fleet-Phospho Soda® oral solution
Klean-Prep® powder
Moviprep®
Picolax®
Plenvu®

Naloxegol Oxalate

1.6.6 Peripheral Opioid-receptor Antagonists
*Methylnaltrexone bromide injection* Palliative Care Consultant

1.6.7 5HT₄ receptor agonists
*Prucalopride (for women, in line with NICE TA211)*
Linaclotide

1.7 PREPARATIONS FOR ANAL AND RECTAL DISORDERS

**Anal fissures**
*Glyceryl trinitrate ointment 0.4% (Rectogesic)*
*Diltiazem ointment 2%*

1.7.1 Soothing
Anusol®

1.7.2 Compound
Anusol HC®
Proctosedyl®

1.7.3 Rectal Sclerosants
Oily Phenol Injection

1.9 DRUGS AFFECTING INTESTINAL SECRETIONS

1.9.1 Drugs acting on Gall Bladder
*Ursodeoxycholic acid* Gastroenterology
*Obeticholic Acid (Ocaliva)* If patient is intolerant of Ursodeoxycholic Acid

1.9.4 Pancreatin
Creon
Pancreas capsules
*Pancreolauryl Test Capsules* Gastroenterology
CHAPTER 2: CARDIOVASCULAR SYSTEM

2.1 POSITIVE INOTROPIC DRUGS
2.1.1 Cardiac Glycosides
Digoxin
Digoxin-specific antibody (DigiFab®) (emergency antidote)

2.1.2 Phosphodiesterase Inhibitor
Enoximone Cardiology/theatres
Milrinone Cardiothoracic

2.2 DIURETICS
2.2.1 Thiazides and Related
Bendroflumethiazide (Bendrofluazide)
Indapamide
Indapamide SR

2.2.2 Loop
Furosemide (Frusemide)
Bumetanide

2.2.3 Potassium sparing
Amiloride
Spironolactone Heart failure, ascites
Eplerenone

2.2.4 Potassium sparing with other Diuretics
Co-amilofruse
For other combinations – use separate formulary agents

2.2.5 Osmotic
Mannitol

2.2.7 Carbonic Anhydrase Inhibitors
Acetazolamide

2.3 ANTI ARRHYTHMIC DRUGS

2.3.2 Drugs for arrhythmias
SUPRAVENTRICULAR
Adenosine injection
Verapamil (See 2.6.2)
Sotalol
Esmolol
Disopyramide Cardiology
Flecainide Cardiology
Propafenone Cardiology
Quinidine Cardiology

VENTRICULAR
Amiodarone
<table>
<thead>
<tr>
<th>Drug</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sotalol</td>
<td>Cardiology</td>
</tr>
<tr>
<td>Lidocaine (Lignocaine)</td>
<td>Cardiology</td>
</tr>
<tr>
<td>Lidocaine (Lignocaine) in Dextrose infusion</td>
<td>Cardiology</td>
</tr>
<tr>
<td>Mexiletine</td>
<td>Cardiology</td>
</tr>
<tr>
<td>Dronedarone</td>
<td>Cardiology</td>
</tr>
</tbody>
</table>

### 2.4 BETA-ADRENOCEPTOR BLOCKING DRUGS

<table>
<thead>
<tr>
<th>Drug</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Timolol</td>
<td>Post MI</td>
</tr>
<tr>
<td>Atenolol</td>
<td>Hypertension</td>
</tr>
<tr>
<td>Carvedilol</td>
<td>Heart Failure</td>
</tr>
<tr>
<td>Nebivolol</td>
<td>Heart Failure in patients 70 years or older</td>
</tr>
<tr>
<td>Bisoprolol</td>
<td>Cardiology/Theatres</td>
</tr>
<tr>
<td>Esmolol</td>
<td></td>
</tr>
<tr>
<td>Labetalol</td>
<td></td>
</tr>
<tr>
<td>Metoprolol</td>
<td></td>
</tr>
<tr>
<td>Propranolol</td>
<td></td>
</tr>
</tbody>
</table>

#### 2.5.2 Centrally acting

<table>
<thead>
<tr>
<th>Drug</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clonidine</td>
<td></td>
</tr>
<tr>
<td>Methyldopa</td>
<td></td>
</tr>
<tr>
<td>Moxonidine</td>
<td></td>
</tr>
</tbody>
</table>

### 2.5 ANTIHYPERTENSIVE AGENTS

#### 2.5.1 Vasodilator

<table>
<thead>
<tr>
<th>Drug</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diazoxide</td>
<td></td>
</tr>
<tr>
<td>Hydralazine</td>
<td></td>
</tr>
<tr>
<td>Sodium Nitroprusside</td>
<td></td>
</tr>
<tr>
<td>Minoxidil</td>
<td></td>
</tr>
<tr>
<td>Iloprost</td>
<td></td>
</tr>
<tr>
<td>Bosantan</td>
<td>Pulmonary hypertension/Digital</td>
</tr>
<tr>
<td></td>
<td>Ulceration in scleroderma/Raynauds</td>
</tr>
<tr>
<td>Ambrisentan</td>
<td>Pulmonary hypertension</td>
</tr>
<tr>
<td>Macitentan</td>
<td>Pulmonary hypertension</td>
</tr>
<tr>
<td>Epoprostenol</td>
<td></td>
</tr>
<tr>
<td>Epoprostenol (Veletri)</td>
<td>Pulmonary Hypertension Only</td>
</tr>
<tr>
<td>Riociguat</td>
<td>NHSE IFR only</td>
</tr>
</tbody>
</table>

#### 2.5.4 Alpha blockers

<table>
<thead>
<tr>
<th>Drug</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Doxazosin</td>
<td></td>
</tr>
<tr>
<td>PHAEOCHROMOCYTOMA</td>
<td></td>
</tr>
<tr>
<td>Phenoxybenzamine</td>
<td></td>
</tr>
<tr>
<td>Phentolamine injection</td>
<td></td>
</tr>
</tbody>
</table>

#### 2.5.5.1 ACE inhibitors

<table>
<thead>
<tr>
<th>Drug</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ramipril</td>
<td></td>
</tr>
<tr>
<td>Lisinopril</td>
<td></td>
</tr>
<tr>
<td>Perindopril</td>
<td></td>
</tr>
<tr>
<td>Enalapril</td>
<td></td>
</tr>
<tr>
<td>Captopril</td>
<td></td>
</tr>
</tbody>
</table>

#### 2.5.5.2 Angiotensin II receptor antagonists

<table>
<thead>
<tr>
<th>Drug</th>
<th>Category</th>
</tr>
</thead>
</table>
Losartan
Valsartan
Candesartan
Irbesartan

Sacubitril valsartan (Entresto®)
Heart failure MDT only, as per NICE TA388

2.5.5.3 Renin Inhibitor
Aliskiren
Specialist Use

2.6 VASODILATORS

2.6.1 Nitrates
Glyceryl Trinitrate
Isosorbide Mononitrate
Isosorbide Dinitrate injection

2.6.2 Calcium channel blockers
Please specify the brand of agent and strength used if SR/LA.
Amlodipine
Diltiazem
Verapamil
Lercanidipine
Nifedipine

Nicardipine Hydrochloride 10mg/10ml Solution for Injection
Nimodipine
Felodipine
For continuation of GP initiated treatment

2.6.3 Potassium channel activators
Nicorandil
Ivabradine
Ranolazine
Cardiology Only
Cardiologist Initiation Only

2.6.4 Peripheral vasodilators
Naftidrofuryl
Pentoxifylline
Immunology/Gastroenterology

2.7 SYMPATHOMIMETICS

2.7.1 Inotropic sympathomimetics
Dobutamine
Dopamine
Isoprenaline

2.7.2 Vasoconstrictor sympathomimetics
Adrenaline
Metaraminol
Noradrenaline
Phenylephrine Injection
Ephedrine Injection
Midodrine
2.8 ANTICOAGULANTS

2.8.1 Parenteral anticoagulants

LOW MOLECULAR WEIGHT HEPARINS
Dalteparin  For PE treatment, DVT treatment and prophylaxis
Tinzaparin  Prophylaxis (excluding pregnancy and puerperium)

Fondaparinux
HEPARINS
Heparin Sodium
Heparin Sodium in NaCl 0.9%
Heparin (Pump-Hep®)
HEPARINOIDS
Argatroban Injection
Danaparoid  Haematologists
Bivalirudin

Epoprostenol

2.8.2 Oral anticoagulants
Warfarin
Acenocoumarol  Continuation of treatment only
Phenindione  Anticoagulant Clinic
Dabigatran  In line with NICE guidance
Rivaroxaban  In line with NICE guidance
Apixaban  In line with NICE guidance
Edoxaban  In line with NICE guidance

Specific Reversal Agent for Dabigatran
Idarucizumab  Haematology advice only

2.8.3 Protamine sulphate
Protamine sulphate

2.9 ANTIPLATELET DRUGS
Aspirin
Clopidogrel
Prasugrel  Specialist Use ONLY
Dipyridamole
Ticagrelor  Specialist Use ONLY

Abciximab  Cardiology
Eptifibatide  Cardiology
Tirofiban  Cardiology

2.10.2 FIBRINOLYTIC DRUGS
Urokinase  Nephrology
Alteplase
Alteplase (Actilyse Cathflo 2 mg) approved as 2nd line agent after Urokinase
Tenecteplase
2.11 ANTIFIBRINOLYTIC DRUGS AND HAEMOSTATIC AGENTS

Tranexamic Acid
Aprotinin  Licensed Use only
Etamsylate (Ethamsylate)  Obstetrics & Gynaecology
Drotrecogin alfa (activated)  following protocol

BLOOD PRODUCTS
Haematology Department

Elocta® (efmoroctocog alfa, Swedish Orphan Biovitrum)
Nuwig® (simoctocog alfa, Octapharma)
Rixubis® (nonacog gamma, Baxalta/Shire)
Alprolix® (eftrenonacog alfa, Swedish Orphan Biovitrum)
Idelvion® (albutrepenonacog alfa, CSL Behring)

2.12 LIPID LOWERING DRUGS.

ANION EXCHANGE
Colestyramine (Questran®)  Lipid Specialist
Colesevelam (Cholestegel®)  Lipid Specialist

CLOFIBRATE GROUP
Fenofibrate  Lipid Specialist
Gemfibrozil
Bezafibrate SR as Bezalip® Mono

STATINS
Atorvastatin
Pravastatin
Simvastatin
Rosuvastatin  Lipid Specialist
Ezetimibe

Alirocumab  In line with NICE TA393
Evolocumab  In line with NICE TA394

2.13 LOCAL SCLEROSANTS

Ethanolamine Oleate  Surgery
Sodium TetraDecyl Sulphate  Surgery
Polidocanol (Scleroven)®  Surgery
CHAPTER 3: RESPIRATORY SYSTEM

3.1 BRONCHODILATORS

3.1.1 Selective β2 Adrenoreceptor Stimulants

**Short acting**
- Salbutamol
- Terbutaline

**Long acting**
- Salmeterol
- Formoterol
  - Indacaterol Maleate
  - Bambuterol

**Other Adrenoreceptor stimulants**
- Adrenaline aerosol (Primatene Mist®)

3.1.2 Antimuscarinic bronchodilators

- Tiotropium
- Aclidinium
- Ipratropium

3.1.3 Theophylline

* Remember to clarify the brand of SR products *
- Aminophylline
- Theophylline

3.1.4 Compound Bronchodilator Preparations

- Umeclidinium/Vilanterol (Anoro Ellipta®)
- Glycopyrronium/Indacaterol (Ultibro®)
- Tiotropium/Oladaterol (Spiolto®)
- Aclidinium/Formoterol (Duaklir®)
- Trimbow® MDI (Formoterol fumarate dihydrate 5 microgram, beclometasone dipropionate 87 microgram, glycopyrronium (as bromide) 9 microgram per puff)

3.2 CORTICOSTEROIDS

**Beclometasone (Beclometasone)**

<table>
<thead>
<tr>
<th>Brand</th>
<th>(First line in adults)</th>
<th>(First line in children)</th>
<th>Prescribe by brand</th>
</tr>
</thead>
<tbody>
<tr>
<td>Qvar®</td>
<td></td>
<td></td>
<td>Prescribe by brand</td>
</tr>
<tr>
<td>Clenil Modulite®</td>
<td></td>
<td></td>
<td>Prescribe by brand</td>
</tr>
<tr>
<td>Budesonide</td>
<td></td>
<td></td>
<td>Respiratory Specialist</td>
</tr>
<tr>
<td>Fluticasone</td>
<td></td>
<td></td>
<td>Respiratory Specialist</td>
</tr>
<tr>
<td>Fluticasone Furoate and Vilanterol (Relvar Ellipta)</td>
<td></td>
<td>Approved for patients with severe Asthma on DOT therapy only</td>
<td></td>
</tr>
<tr>
<td>Ciclesonide</td>
<td></td>
<td></td>
<td>Respiratory Specialist</td>
</tr>
</tbody>
</table>

**Combination**
<table>
<thead>
<tr>
<th>Brand</th>
<th>(First line in adults)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Symbicort®</td>
<td></td>
</tr>
<tr>
<td>Fostair*</td>
<td></td>
</tr>
<tr>
<td>Fostair NEXThaler®</td>
<td></td>
</tr>
<tr>
<td>Seretide®</td>
<td></td>
</tr>
<tr>
<td>Respiratory Specialist</td>
<td></td>
</tr>
</tbody>
</table>
3.3 CROMOGLICATE AND RELATED THERAPY

- Nedocromil
- Sodium Cromoglicate (Sodium Cromoglycate)

3.3.2 Leukotriene receptor antagonists

- Montelukast

PHOSPHODIESTERASE TYPE 4 INHIBITORS

- Roflumilast  
  Respiratory medicine in line with NICE TA461

3.4 ANTIHISTAMINES AND RELATED THERAPY

3.4.1 Antihistamines

- **NON-SEDATING ANTIHISTAMINES**
  - Cetirizine
  - Fexofenadine
  - Loratadine
  - Rupatadine (Rupafin®)  
    Immunology/Dermatology ONLY

- **SEDATING ANTIHISTAMINES**
  - Chlorphenamine (Chlorpheniramine)
  - Hydroxyzine
  - Promethazine
  - Alimemazine (Trimeprazine)

3.4.2 Allergen Immunotherapy

- Omalizumab  
  in line with with NICE guidance TA278 / TA 339
- Mepolizumab  
  in line with with NICE guidance TA431
- Grass and tree pollen extracts – Grazax®  
  Immunology only
- Pharmalgen®
- Reslizumab Injection  
  in line with NICE guidance

3.4.3 Allergic emergencies

- Adrenaline
- Epipen
- Emerade
- Icatibant  
  Immunology only
- C1 Esterase Inhibitor (Berinert®)  
  Immunology only

3.5 RESPIRATORY STIMULANTS

3.5.1 Respiratory Stimulants

- Doxapram

3.5.2 Pulmonary Surfactants

- Poractant alfa  
  Neonatology

- Neonatal Apnoea
  - Caffeine Citrate

3.7 MUCOLYTICS

- Dornase alfa
- Carbocisteine
Mannitol Dry Powder  For Inhalation  (Cystic Fibrosis)  NICE NG78
Ivacaftor (Kalydeco®)
Lumacaftor/Ivacaftor (Orkambi®)  (Cystic Fibrosis)  NICE NG78
Tezacaftor/Ivacaftor (Symdeco)
Tezacaftor/Ivacaftor/Elexacaftor
Sodium chloride 7% nebuliser solution

3.8 INHALATIONS
No recommendations

3.9 ANTITUSSIVES
3.9.1 Cough Suppressants
Pholcodine linctus
Dextromethorphan
Morphine sulphate oral for intractable cough

3.9.2 Expectorant & Demulcent Preparations
Simple linctus

5 Idiopathic Pulmonary Fibrosis
Pirfenidone as per NICE TA
Nintedanib (Ofev) as per NICE TA Dr Hart Only
CHAPTER 4: CENTRAL NERVOUS SYSTEM

Many drugs in chapter 4 are initiated on advice of Mental Health specialists (e.g. HTFT) and it is expected that patients may be continued on these or treatment may be initiated on them on advice of a Mental Health specialist.

### 4.1 HYPNOTICS AND ANXIOLYTICS

#### 4.1.1 Hypnotics

<table>
<thead>
<tr>
<th>Drug</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Temazepam</td>
<td></td>
</tr>
<tr>
<td>Nitrazepam</td>
<td><em>Continuation of GP initiated treatment only</em></td>
</tr>
<tr>
<td>Zolpidem</td>
<td><em>Continuation of GP initiated treatment only</em></td>
</tr>
<tr>
<td>Zopiclone</td>
<td></td>
</tr>
<tr>
<td>Chloral Hydrate</td>
<td><em>Paediatrics</em></td>
</tr>
<tr>
<td>Clomethiazole</td>
<td><em>2nd line – alcohol dependence</em></td>
</tr>
<tr>
<td>Melatonin M/R Tablets</td>
<td><em>Paediatrics, Neurology &amp; Electrophysiology (EGG)</em></td>
</tr>
</tbody>
</table>

*These agents will not normally be supplied on discharge*

#### 4.1.2 Anxiolytics

<table>
<thead>
<tr>
<th>Drug</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Buspirone hydrochloride</td>
<td><em>Mental Health advice or Continuation of treatment only</em></td>
</tr>
<tr>
<td>Chlordiazepoxide</td>
<td><em>1st line alcohol dependence</em></td>
</tr>
<tr>
<td>Diazepam</td>
<td><em>Premedication</em></td>
</tr>
</tbody>
</table>

#### 4.1.3 Barbiturates

*Specialist Use Only & E.E.G.*

#### 4.2 DRUGS USED IN PSYCHOSES AND RELATED DISORDERS

#### 4.2.1 Antipsychotic Drugs

<table>
<thead>
<tr>
<th>Drug</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amisulpride</td>
<td><em>Mental Health advice or Continuation of treatment only</em></td>
</tr>
<tr>
<td>Aripiprazole</td>
<td><em>Mental Health advice or Continuation of treatment only</em></td>
</tr>
<tr>
<td>Chlorpromazine</td>
<td></td>
</tr>
<tr>
<td>Flupentixol</td>
<td><em>Mental Health advice or Continuation of treatment only</em></td>
</tr>
<tr>
<td>Haloperidol</td>
<td></td>
</tr>
<tr>
<td>Olanzapine</td>
<td></td>
</tr>
<tr>
<td>Risperidone (oral)</td>
<td><em>Psychogeriatrician or Mental Health advice/continuation</em></td>
</tr>
<tr>
<td>Quetiapine</td>
<td><em>Neurologist or specialist advice/continuation</em></td>
</tr>
<tr>
<td>Paliperidone</td>
<td><em>Mental Health advice or Continuation of treatment only</em></td>
</tr>
<tr>
<td>Clozapine</td>
<td><em>Mental Health advice or Continuation of treatment only</em></td>
</tr>
</tbody>
</table>

*Other agents not recommended and only available if recommended by a Mental Health specialist*

#### 4.2.2 Antipsychotic Depot Injections

*All agents Specialist Use Only*

*Fluphenazine Depot*
4.2.3 Antimanic Drugs
Specify brand of product*
- Lithium Carbonate (Priadel®)
- Lithium Carbonate (Camcolit®)
- Lithium Citrate (Priadel® Liquid)
- Carbamazepine see section 4.8.1
- Valproic acid (as semisodium valproate) (e.g. Depakote®)

4.3 ANTIDEPRESSANTS
4.3.1 Tricyclic and Related Antidepressants
- Amitriptyline
- Dosulepin (Dothiepin)
- Clomipramine
- Imipramine
- Lofepramine
- Nortriptyline
- Sulpiride
- Trifluoperazine
- Zuclopenthixol

Mental Health advice orContinuation of treatment only
Pain Team Use, Neurology and Urology
Mental Health advice or Continuation of treatment only
Mental Health advice or Continuation of treatment only
Mental Health advice or Continuation of treatment only

RELATED ANTIDEPRESSANTS
- Trazodone

4.3.2 Monoamine Oxidase Inhibitors
No recommendations – only available if recommended by Mental health specialist

4.3.3 SSRIs and related
- Fluoxetine
- Paroxetine For continuation of treatment only
- Sertraline
- Venlafaxine
- Citalopram
- Escitalopram Consultant only
- Vortioxetine As NICE TA367 –Mental Health Advice or continuation of treatment only

4.3.4
- Duloxetine (Cymbalta®)
- Mirtazapine Endocrinology/Neurology & Pain Team Use
Mental Health advice or Continuation of treatment only

4.4 CENTRAL NERVOUS STIMULANTS
- Atomoxetine
- Dexamfetamine
- Methylphenidate
- Modafinil
- Lisdexamfetamine Mental Health advice or Continuation of Treatment only

4.5 APPETITE SUPPRESSANTS
No recommendations

4.5.2 CENTRALLY-ACTING APPETITE SUPPRESSANTS
No recommendations
4.6 DRUGS USED IN NAUSEA AND VERTIGO

Cinnarizine
Cyclizine
Promethazine

Chlorpromazine see 4.2.1
Haloperidol see 4.2.1
Droperidol
Levomepromazine (Methotrimeprazine) see 4.2.1
Prochlorperazine
Domperidone
Metoclopramide

5-HT₃ ANTAGONISTS
Ondansetron
Granisetron Transdermal Patch  Consultant Head & Neck Specialists Only

NEUROKININ RECEPTOR ANTAGONISTS
Aprepitant

OTHER DRUGS
Betahistine
Hyoscine Hydrobromide

4.7 ANALGESICS
4.7.1 Non Opioid Analgesics
Paracetamol
Co-codamol 8/500
Co-codamol 30/500
Ibuprofen see 10.1.1
Paracetamol I/V

4.7.2 Opioid Analgesics

Codeine  NOT for under 12 years old or breastfeeding mothers
Dihydrocodeine
Tramadol

STRONG OPIOIDS

Diamorphine
Diamorphine Nasal Spray (Ayendi)  Paediatric A&E for acute pain
Fentanyl patches
Fentanyl patches (chronic non cancer pain)  2nd line after oral morphine failure
Fentanyl buccal tablets (Effentora®)  Palliative Care Only
Fentanyl Nasal Spray (Pecfent®)  Palliative Care/Head & Neck Cancers/
Mepitazinol  Oncology Consultant only
Morphine
Pethidine
Buprenorphine  Sublingual
Buprenorphine Patches  Initiation by palliative care/Renal/pain specialists
Fentanyl oral
Oxycodone

4.7.3 Neuropathic pain
Carbamazepine
Amitriptyline
Sodium Valproate
Gabapentin
Pregabalin
Ketamine oral solution

Nabilone

Pain Team
Consultant use only,
for chronic neuropathic pain
via IFR only,

Nabilone

for chronic neuropathic pain

4.7.4 Antimigraine Drugs
4.7.4.1 Treatment of Acute Migraine Attack
Aspirin
Paracetamol
Metoclopramide
Sumatriptan
Frovatriptan
Eletriptan
Naratriptan

For continuation only

4.7.4.2 Prophylaxis of Migraine
Propranolol
Pizotifen
Methysergide
Botulinum Toxin Type A
Erenumab Aimovig®

Neurology
As per TA260
Not commissioned by CCG’s awaiting NICE TA

4.8 ANTI-EPILEPTICS
4.8.1 Control of Epilepsy
Phenytoin
Sodium valproate (including S/R e.g. Epilim Chrono®)
Carbamazepine

Brivaracetam
Adjunctive therapy of partial-onset seizures in adult and adolescent patients

Phenobarbital
Clonazepam
Clobazam
Gabapentin
Lamotrigine
Levetiracetam
Lacosamide
Oxcarbazepine
Perampanel
Pregabalin (for epilepsy)
Primidone
Rufinamide
Tiagabine
Topiramate
Vigabatrin
Zonisamide

Neurologist only
Initiation by consultant only
Treatment exemption panel approved only
Stiripentol  
Retigabine  
Eslicarbazepine  
Ethosuximide

4.8.2 Drugs Used in Status Epilepticus
Lorazepam  
Phenytoin  
Diazepam  
Clonazepam  
Paraldehyde  
Phenobarbital  
Midazolam Buccal

4.9 DRUGS IN PARKINSONISM AND RELATED DISORDERS
4.9.1 Dopaminergic Drugs
Co-beneldopa (Madopar®)  
Co-careldopa (Sinemet®)  
Duodopa®  
Amantadine  
Apomorphine  
Cabergoline  
Pergolide  
Pramipexole  
Pramipexole MR  
Ropinrole  
Ropinrole SR  
Safinamide  
Selegiline  
Entacapone  
Opicapone  
Rasagiline  
Levodopa + carbidopa + entacapone (Sastravi® generic or equivalent – keep patient on same brand, if stable)  
Rotigotine Patches  
Only if cannot take oral preps

4.9.2 Antimuscarinic Drugs
Trihexyphenidyl (Benzhexol)  
Procyclidine

4.9.3 Drugs Used in Tremor and Related Disorders.
Botulinum A Toxin Complex:
Dysport® & Botox® available – note preparations are not interchangeable  
Xeomin® available for Dr Salawu (Rehabilitation)

Botulinum B Toxin:
Neurobloc available – note preparations are not interchangeable  
Tetrabenazine  
Piracetam  
Riluzole

Tafamidis  
Prof Clark Only
4.10 DRUGS USED IN SUBSTANCE DEPENDENCE

**Alcohol dependence**
*Disulfiram*
*Continuation of treatment only*

**Opioid dependence**
*Acamprosate*
*Nalmefene*
*Lofexidine*
*Methadone*
*Buprenorphine*
*Naltrexone*

**See Guidelines**

*Continuation of treatment only*

*Mental Health advice or continuation of treatment only*

Nicotine patches, nicotine mini lozenges and inhalators
*Bupropion*
*Varenicline*

4.11 DRUGS FOR DEMENTIA

*Memantine*
*Donepezil*
*Galantamine*
*Galantamine SR.*
*Rivastigmine (oral & patches)*
CHAPTER 5: INFECTIONS

All drugs in italics must be recommended by a Consultant Microbiologist or Consultant in Infectious Disease, unless otherwise stated.

5.1 ANTIBACTERIAL DRUGS

5.1.1 Penicillins

Benzylpenicillin intravenous treatment
Penicillin V (Phenoxymethylpenicillin)

5.1.1.2 Penicillinase – resistant Penicillins

Flucloxacillin
Temocillin  Consultant in Infectious Diseases or Microbiology

5.1.1.3 Broad-Spectrum Penicillins

Amoxicillin
Co-amoxiclav

5.1.1.4 Antipseudomonal Penicillins

Piperacillin/Tazobactam  Consultant in Infectious Diseases or Microbiology

5.1.1.5 Mecillinams

Pivmecillinam Hydrochloride  Consultant in Infectious Diseases or Microbiology

5.1.2 CEPHALOSPORINS AND BETA-LACTAMS

CEPHALOSPORINS

Cefradine (Cephradine)
Cefotaxime intravenous treatment
Ceftazidine
Ceftazidine/Avibactam Infusion  Consultant in Infectious Diseases or Microbiology

Ceftriaxone meningitis contacts
Cefuroxime  Consultant in Infectious Diseases or Microbiology

OTHER BETA-LACTAMS

Aztreonam  Consultant in Infectious Diseases or Microbiology
Meropenem  Consultant in Infectious Diseases or Microbiology
Ertapenem  Infectious Diseases Consultants in OUTPATIENTS only

Cephalosporin antibiotic combined with beta-lactam inhibitor

Cefiolozone/Tazobactam  Consultant in Infectious Diseases or Microbiology

5.1.3 TETRACYCLINES

Tetracycline
Doxycycline
Demeclocycline
Oxytetracycline
Tigecycline  
Consultant in Infectious Diseases or Microbiology  
recommendation only

5.1.4 AMINOGYCOSIDES
Gentamicin
Netilmicin
Amikacin
Tobramycin
Tobramycin inhaled  
Respiratory specialist (when patient Intolerant of Colomycin)

5.1.5 MACROLIDES
Clarithromycin
Azithromycin
Erythromycin  
Accident and Emergency  
Paediatrics and Obstetrics

5.1.6 CLINDAMYCIN
Clindamycin  
Dental Surgery/Prophylaxis  
Cellulitis (if patient Penicillin sensitive)

5.1.7 OTHER ANTIBIOTICS
Sodium Fusidate/ Fusidic Acid  
Consultant in Infectious Diseases or Microbiology  
for IV preparation

Teicoplanin
Chloramphenicol
Colistin
Linezolid  
Consultant in Infectious Diseases or Microbiology
Tedizolid  
Consultant in Infectious Diseases or Microbiology
Vancomycin
Daptomycin  
Consultant in Infectious Diseases or Microbiology
Fidaxomicin  
In line with SMC guidance recurrent C.Difficile only
Rifaximin
Fosfomycin  
Consultant in Infectious Diseases/Microbiology
Dalbavancin  
Consultant in Infectious Diseases/Microbiology

5.1.8 SULPHONAMIDES AND TRIMETHOPRIM
Trimethoprim
Co-trimoxazole
Sulfadiazine

5.1.9 ANTITUBERCULOUS DRUGS
Specialist recommendation – See BNF for appropriate drugs
Ethambutol
Isoniazid
Pyrazinamide
Rifampicin

MDR TB
Bedaquiline (Sirturo®)
Delamanid (Deltyba®)

5.1.10 ANTILEPROTIC DRUGS
Specialist recommendation – See BNF for appropriate drugs

5.1.11 METRONIDAZOLE
Metronidazole

5.1.12 QUINOLONES
Ciprofloxacin
Levofloxacin After discussion with Microbiology
Ofloxacin Sexual Health Medicine/Respiratory Medicine
Moxifloxacin Consultant only (after discussion with Microbiology)
Or Consultant Respiratory Physician

5.1.13 URINARY TRACT INFECTIONS
Nitrofurantoin
Trimethoprim see 5.1.8
Methenamine hippurate For use in adults only

5.2 ANTIFUNGAL DRUGS
Fluconazole
Nystatin oral
Amphotericin Haematology or Consultant Microbiologist/Infectious Diseases
Amphotericin (liposomal) Haematology or Consultant Microbiologist/Infectious Diseases
Amphotericin (lipid complex) Haematology or Consultant Microbiologist/Infectious Diseases
Caspofungin Haematology
Anidulafungin Consultant Microbiologist/Infectious Diseases
Flucytosine Specialist Use/Named Patient
Griseofulvin
Itraconazole Haematology
Posaconazole Consultant Microbiologist/Infectious Diseases
Isavuconazole Consultant Microbiologist/Infectious Diseases
Terbinafine Dermatology
Voriconazole
Clotrimazole Preparations see Section 7.2.2 and 13.10.2

5.3 ANTIVIRAL DRUGS

5.3 ANTIVIRAL DRUGS

Aciclovir
Ganciclovir
Valaciclovir
Valganciclovir Cytomegalovirus Infection
Famciclovir Sexual Health Medicine
Sofosbuvir as per NICE guidance and commissioning position
Simeprevir as per NICE guidance
Daclatasvir as per NICE guidance
Cidofovir (unlicensed)

HUMAN IMMUNODEFICIENCY VIRUS (HIV)
Nucleoside reverse transcriptase inhibitors (NRTIs)
Abacavir
Didanosine (not for initiation, just continuation until review)
Emtricitabine
Lamivudine
Stavudine (not for initiation, just continuation until review)
Tenofovir disoproxil fumarate
Zidovudine

Fixed dose combinations
TRUVADA®
KIVEXA®
TRIZIVIR® (not for initiation, just continuation until review)
Zidovudine 300mg/ Lamivudine 150mg
Descovy® (Emtricitabine/ Tenofovir Alafenamide Or F/TAF)
Efavirenz
Etravirine
Nevirapine
Rilpivirine
Odefsey® (Rilpivirine/ Emtricitabine/ Tenofovir Alafenamide/ )
Darunavir/Cobicistat (Rezolsta®)
Atazanavir/Cobicistat (Evotaz®)
Elviregravir/Cobicistat/Emtricitabine/Tenofovir Alafenamide (Genvoya®)
Bictegravir/Emtricitabine/Tenofovir

Fixed dose combinations
ATRIPLA®
EVIPLERA®

Protease Inhibitors
Atazanavir
Darunavir
Fosamprenavir (not for initiation, just continuation until review)
Indinavir (not for initiation, just continuation until review)
Kaletra® (lopinavir 200mg/ ritonavir 50mg per tablet)
Ritonavir (low dose as a pharmacological booster)
Tipranavir (not for initiation, just continuation until review)
Saquinavir (not for initiation, just continuation until review)

Integrase inhibitors
Raltegravir
Dolutegravir

Fixed dose combinations
STRIBILD®
TRIUMEQ®

Others
Maraviroc
Enfuvirtide (T-20)
Cobicistat/ Tybost® (pharmacological booster alternative to ritonavir)

HEPATITIS C

All specialist indications
Treatment should be initiated as part of a combination regimen as per NICE guidance/ NHSE commissioning policies.
Pegylated interferon alfa-2b (Viraferon Peg®)
Pegylated interferon alfa-2a (Pegasys®)
Ribavirin
Boceprevir
Telaprevir
Simeprevir (Olysio®)
Sofosbuvir (Solvaldi®)
Daclatasvir (Daklinza®)
Ombitasvir/Paritaprevir/Ritonavir (Viekirax®)
Sofosbivir/Ledipasvir (Harvoni®)
Sofosbuvir–velpatasvir (Epclusa) in line with NICE TA 430
Dasabuvir (Exviera®)
Elbasvir / Grazoprevir (Zepatier®)
Sofosbuvir/Velpatasvir/Voxilaprevir (Vosevi) in line with NICE

5.3.4 INFLUENZA
Oseltamivir
Zanamivir

5.3.5 RESPIRATORY SYNCYTIAL VIRUS
Palivizumab
Ribavirin

5.4 ANTIPROTOZOAL DRUGS
Specialist recommendation – See BNF for appropriate drugs – includes tinidazole

Artemether with lumefantine (Riamet®) Consultant in Infectious Diseases
Artesunate

5.5 ANTIHELMINTICS
Specialist recommendation – See BNF for appropriate drugs
CHAPTER 6: ENDOCRINE SYSTEM

6.1. DRUGS USED IN DIABETES

6.1.1 Insulin
6.1.1.1 Short Acting Insulins
- Fiasp (Fast acting Insulin Aspart)
- Human Actrapid
- Humulin S
- *Humulin R*

- Insulin Lispro (Humalog)
- Insulin Aspart (*Novorapid, Novomix 30*)
- Insulin Glulisine (Apidra)
- Insuman rapid

6.1.1.2 Intermediate & Long Acting insulins
- Human Insulatard
- Insulin Isophane Human (Humulin I)
- Porcine Insulatard
- Human Monotard
- Human Ultratard

- Insuman Basal
- Insulin Detemir (Levemir)
- *Insulin Glargine*  (Lantus® 100units/ml & *Toujeo® 300units/ml*)  
- *Insulin Degludec*  (Tresiba® 100units/ml & 200units/ml)  
  Consultant Endocrinologist only

Biphasic Insulins
- Pork Mixtard 30
- Insulin Isophane Human (Humulin M3)

Biphasic Insulin Aspart
- Insulin Lispro (Humalog Mix25)
- Insulin Lispro (Humalog Mix 50)
- Insuman Comb

6.1.2 Oral antidiabetic Drugs
6.1.2.1 Sulphonylureas
**Gliclazide**
- Tolbutamide
- *Glibenclamide*
- *Glimepiride*

6.1.2.2 Biguanides
- Metformin tablets & sachets
- Metformin SR tablets

6.1.2.3 Other Antidiabetics
Lixisenatide  
Exenatide MR – Bydureon®  
Liraglutide(Victoza®)  
Dulaglutide  
Semaglutide  
Nateglinide  
Pioglitazone  
Pioglitazone/metformin (Competact®)  
Linagliptin  
Sitagliptin  
Saxagliptin  
Alogliptin  
Empagliflozin  
Dapagliflozin  
Canagliflozin

6.1.4 Treatment of Hypoglycaemia
Dextrose (Hypostop)
Glucagon

6.2. THYROID AND ANTITHYROID DRUGS
6.2.1 Thyroid hormones
Levothyroxine
Liothyronine

6.2.2 Antithyroid Drugs
Carbimazole
Propylthiouracil
Lugols Iodine

6.3. CORTICOSTEROIDS
6.3.1 Replacement Therapy
Fludrocortisone

6.3.2 Glucocorticoid Therapy
Prednisolone
Dexamethasone
Hydrocortisone
Methylprednisolone
Betamethasone
Deflazacort  
Triamcinolone  
Rheumatology

6.4 SEX HORMONES
6.4.1 Female sex hormones
OESTROGEN + PROGESTOGEN PREPARATIONS
Prempak C®  
Nuvelle®  
Klofem®  
Kliovance®  
Premique Cycle®  
Femseven Conti®
DROSPIRENONONE WITH ETHINYLESTRADIOL PREPARATIONS

Yasmin®
Daylette®

OESTROGENS
Ethinylestradiol
Conjugated Oestrogens (Premarin®)
Estradiol
Estradiol hemihydrate (Aerodiol®)
Estradiol Valerate (Progynova®)
Estradiol (Estraderm MX®) (or Evorel Matrix®)
Tibolone
Estradiol 0.1% (Sandrena®) second line after tablets and patches
Estradiol 0.06% (Oestrogel®) second line after tablets and patches

RALOXIFENE
Raloxifene

6.4.1.2 Progestogens & Progesterone Receptor Modulators
Dydrogesterone
Medroxyprogesterone
Norethisterone
Progesterone
Ulipristal Acetate Esmya®

6.4.2 Male Sex Hormones & Antagonists
Testosterone (e.g. implants, Sustanon®, Nebido®)
Testosterone gel (Tostran®2%)

ANTI-ANDROGENS
Cyproterone
Finasteride Urologists
Dutasteride Urologists

6.5 HYPOTHALMIC & PITUITARY HORMONES & ANTI-OESTROGENS

6.5.1 Hypothalamic and Anterior pituitary hormones and antioestrogens
ANTIOESTROGENS
Clomifene
Tamoxifen See Chapter 8.3.4
Thyrotropin Alfa (Thyrogen®)

ANTERIOR PITUITARY HORMONES
CORTICOTROPHINS
Tetracosactide (Synacthen®)
GONADOTROPHINS
Pregnyl®
Follitropin (Gonal F®)

GROWTH HORMONE
Somatropin
- Gentropin
- Humatrope
- Norditropin
- NutropinAq
- Omnitrope
- Saizen
- Zomacton

HYPOTHALAMIC HORMONES
Gonadorelin  Specialist Investigational Use
Protirelin  Specialist Investigational Use
Sermorelin  Specialist Investigational Use
Pegvisomant (Somavert) Injection

6.5.2 Posterior Pituitary Hormones & Antagonists
Argipressin (Synthetic Vasopressin)opressin
Terlipressin Acetate
Tolvaptan  Restricted to Consultant Endocrinologists/Consultant Oncologists
   The name of the approving specialist should be recorded on the drug chart, to confirm that use is appropriate
Tolvaptan  Restricted to Renal Consultants In line with NICE TA358
Desmopressin Acetate

ANTI-DIURETIC HORMONE
Demeclocycline see section 5.1.3

6.6. DRUGS AFFECTING BONE METABOLISM
6.6.1 Calcitonin and parathyroid hormone
Calcitonin (salmon)
Teriparatide  Metabolic Bone/Endocrinology/Rheumatology

6.6.2 Bisphosphonates
Disodium Pamidronate
Risedronate
Sodium Clodronate
Calcium combination pack
Alendronic Acid Effervescent  ‘only for patients who cannot take oral tablets’
Alendronate  Rheumatologist
Zoledronic acid injection (Zometa®)  Metabolic Bone/Rheumatology
Zoledronic acid infusion (Aclasta®)  Haematology/Oncology
Ibandronic acid oral (Bonodronat®)  Metabolic Bone/Endocrinology/Rheumatology
Ibandronic acid injection (Bonviva®)  Metabolic Bone/Endocrinology/Rheumatology
Denosumab (Prolia®)  Metabolic Bone/Endocrinology/Rheumatology
Denosumab (XGEVA®)  Oncology

6.7. OTHER ENDOCRINE DRUGS
6.7.1 Bromocriptine and other Dopamine Receptor stimulants
Bromocriptine
Cabergoline
Quinagolide
6.7.2. Drugs affecting Gonadotrophin

Danazol

GOSERELIN ANALOGUES

Goserelin
Nafarelin
Triptorelin (Decapeptyl® SR)

6.7.3 Metyrapone

Metyrapone
CHAPTER 7: OBSTETRICS, GYNAECOLOGY, AND URINARY TRACT DISORDERS

7.1 DRUGS USED IN OBSTETRICS

7.1.1 Prostaglandins & Oxytocics

Dinoprostone
Carboprost
Ergometrine
Oxytocin (Syntocinon®)
Oxytocin with ergometrine (Syntometrine®)
Misoprostol
Carbetocin

7.1.1.1 Ductus Arteriosus

MAINTENANCE OF PATENCY
Alprostadil
CLOSURE OF DUCTUS
Indometacin
Ibuprofen I/V

7.1.2 Mifepristone SPECIALIST USE ONLY

Mifepristone

7.1.3 Myometrial Relaxants

Ritodrine
Atosiban

7.2 TREATMENT OF VAGINAL AND VULVAL CONDITIONS

7.2.1 Preparations for Vaginal Atrophy

Topical Oestrogens.
Premarin®
Estradiol Vaginal Tablets

7.2.2 Anti infective Drugs (Topical)

CANDIDIASIS
Clotrimazole Cream/Pessary
Miconazole

OTHER INFECTIONS
Clindamycin Vaginal Cream
Metronidazole Vaginal Cream
Nystatin Vaginal Cream
7.3 CONTRACEPTIVES

7.3.1 Combined Oral Contraceptives

LOW STRENGTH
- Mercilon®
- Nuvaring®

STANDARD STRENGTH
- Cilest®
- Femodene®
- Millinette®
- Logynon®
- Marvelon®
- Minulet®
- Ovranette®/Microgynon 30®
- Eugynon 30®
- Trinovum®
- Lucette®
- Loestrin 30®
- Zoely® (Estradiol with Noregestrol acetate)
- Evra Patches (Ethinylestradiol with Norelgestromin)

On advisement of sexual health services only

7.3.2 Oral Progestogen-only Contraceptives

- Norethisterone
- Norgestrel

7.3.2.1 Parenteral progestogen-only contraceptives

- Medroxyprogesterone (Depo-provera®)
- Medroxyprogesterone (SAYANA PRESS®)

On advisement of sexual health services only

7.3.2.3 Intra-uterine progestogen-only contraceptive

- Levonorgestrel 24 hour I.U.D. (Mirena®, Jaydess®, Levosert®, Kyleena®)
- Etonogestrel Implant (Nexplanon®)

7.3.4 Intrauterine Contraceptive Devices

- Copper T 380A
- T-Safe 380A Quick load
- TT380 Slimline
- Load 375
- Mini TT 380 Slimline
- Nova T 380

7.3.5 Emergency Contraception

- Ulipristal Acetate ellaOne®
- Levonorgestrel (Upostelle®)

On advisement of sexual health services only

7.4 DRUGS FOR GENITO-URINARY DISORDERS

7.4.1 Drugs for urinary retention

- ALPHA-BLOCKERS
Terazosin
Alfuzosin
Tamsulosin
PARASYMPATHOMIMETICS
7.4.2 Drugs for urinary frequency and incontinence

**URINARY INCONTINENCE**

- Oxybutynin Tablets
- Oxybutynin XL

**Tolterodine**  
**Trospium**  
**Oxybutynin XL**  
**Tolterodine**  
**Trospium**  
**Urologist**  
**Tolterodine**  
**Trospium**  
**Note** – Trospium S/R is non-formulary. Caution – daily dose is not same as plain tablets

- **Solifenacin**  
- **Duloxetine (e.g. Yentreve®)**
- **Oxybutynin Transdermal Patch (Kentera)**
- **Oxybutynin Liquid**  
- **Fesoterodine Fumerate (Toviaz)**
- **Mirabegron**

**Urological Pain**

- Potassium Citrate
- **Cystisat Bladder Wash**
- **Pentosan (Elmiron®)**

**Bladder instillations**

- Chlorhexidine bladder washes
- Solution-G bladder washes
- Sodium Chloride 0.9% bladder washes
- Solution-R bladder washes

**Drugs for Impotence**

- Sildenafil
- **Alprostadil (Muse®)**
- **Alprostadil (Caverject®)**
- **Alprostadil (Viridal®)**
- **Alprostadil (Vitaros®)**
- **Apomorphine (sublingual)**
- Papaverine
- Vardenafil
- Tadalafil
CHAPTER 8: MALIGNANT DISEASE AND IMMUNOSUPPRESSION

8.1 CYTOTOXIC DRUGS
All items in italics are Specialist Use ONLY, and should only be prescribed by Consultant Oncologist, Haematologist and their teams.

Disodium folinate

8.1.1 Alkylating Agents
Cyclophosphamide
Bendamustine
Busulfan
Carmustine
Carmustine Implant
Chlorambucil
Estramustine
Ifosfamide
Lomustine
Melphalan
Treosulfan
UROTHELIAL TOXICITY
Mesna

8.1.2 Cytotoxic Antibiotics
Bleomycin
Dactinomycin
Daunorubicin
Doxorubicin
Doxorubicin liposomal (Caelyx® or Myocet® depending on indication)
Doxorubicin and DC beads (for precision TACE)
Epirubcin
Idarubicin
Mitomycin
Mitoxantrone

8.1.3 Antimetabolites
Mercaptopurine
Methotrexate
Azacitidine
Capecitabine
Cladribine
Cytarabine
Liposomal Cytarabine
Fludarabine
Fluorouracil
Gemcitabine
Tioguanine (Thioguanine)
Pemetrexed for treatment of mesothelioma
Raltitrexed
Teysuno
FOLINIC ACID RESCUE
Calcium Folinate

8.1.4 Vinca Alkaloids and etoposide
Etoposide
Vinblastine
Vincristine
Vindesine
Vinorelbine

8.1.5 Other Antineoplastic agents
Abemaciclib Approved in line with NICE guidance
Afatinib Approved in line with NICE guidance
Alectinib Approved in line with NICE guidance
Arsenic Trioxide
Atezolizumab
Avelumab
Axitinib
Azacytidine (Vidaza)
Amsacrine
Bevacizumab
Bexarotene PbR excluded. PCT treatment exemption panel approval required
Bortezomib
Brentuximab Approved in line with NICE guidance
Brigatinib
Bosutinib

Carboplatin in line with NICE for first relapse of myeloma in patients not previously treated with Bortezomib

Ceritinib
Cetuximab
Cisplatin
Crizotinib In line with NICE
Dacarbazine
Daratumumab
Dasatinib
Docetaxel
Durvalumab Approved in line with NICE guidance
Eribulin
Erlotinib
Everolimus as per NICE guidance
Gefitinib
Hydroxycarbamide (Hydroxurea)
Idelalisib
Imatinib
Irinotecan
Ipilimumab
Ixazomib
Nilotinib
Nintedanib (Vargatef®) for nsclc with docetaxel
Niraparib In line with NICE

Tegafur with Uracil Available on chairs approval in accordance with TA 61
Nivolumab  In line with NICE
Obinutuzumab  In line with NICE TA343/TA4 72/TA513
Olaratumab/Lartruvo
Oxaliplatin
Olaparib  In line with NICE TA381
Osimertinib
Paclitaxel
Palbociclib
Panobinostat  In line with NICE TA380
Pazopanib
Pegasparagase
Pentostatin
Pomalidomide
Procarbazine
Regorafenib (Stivarga)  In line with NICE guidance
Ribociclib
Sunitinib
Temozolamide
Tivozanib
Topotecan
Trastuzumab

Tretinoin  Use in line with NICE TA185 & Cancer Network Guidelines
Trabectedin—tipiracil
Vemurafenib  Use in line with NICE TA269 & Cancer Network Guidelines

National Cancer Drugs Fund List

For the following list of drugs:
Abiraterone
Bendamustine
Bevacizumab
Bortezomib
Cabazitaxel
Cabozantinib
Clofarabine
Dabrafenib
Dasatinib
Ibrutinib
Lenalidomide
Mepolizumab
Nelarabine
Panitumumab
Pegylated Liposomal Doxorubicin
Pemetrexed
Ponatinib
Radium 223 Dichloride
Ruxolitinib
Sorafenib
Sunitinib
Temsirolimus
Trametinib
Trastuzumab emtansine in line with NICE TA 458
Vandetanib
Venetoclax
Vismodegib

Please see the National Cancer Drugs Fund List for recommendations for use/indications which can be found here: https://www.england.nhs.uk/ourwork/cancer/cdf/

8.2 DRUGS AFFECTING THE IMMUNE RESPONSE

8.2.1 Cytotoxic Immunosuppressants
Azathioprine
Mycophenolate Mofetil  Specialist Use/Transplant
Mycophenolic Acid (Myfortic)  Specialist Use/Transplant

8.2.2 Corticosteroids and other immunosuppressants
Ciclosporin (Cyclosporin)
Prednisolone  see 6.3.2
Sirolimus  Specialist Use/Transplant
Tacrolimus  Specialist Use/Transplant
Everolimus  As per NICE guidance/Transplant via chairs approval &NHSE IFR only

8.2.3 Anti-lymphocyte monoclonal antibodies
Rituximab  Haematologist/Rheumatologist
Rituximab  ANCA associated vasculitis
Rituximab  NHSE IFR required  Relapsing idiopathic membranous glomerulonephritis (IMN)

Alemtuzumab  Haematologists, Oncologists & Neurologists
Pertuzumab  Use in line with NICE
Pembrolizumab  Use in line with NICE
Natalizumab

8.2.4 Other Immunomodulating Drugs
Cladribine Tablets  Use in line with NICE TA493 Remitting Multiple Sclerosis
Interferon alfa according to protocol
Interferon beta according to contract
Peginterferon alfa
Peginterferon Beta 1a

Glatiramer
Fingolimod
Thalidomide  Use in line with NICE TA228 & Cancer Network Guidelines
Glatiramer Acetate  Use in line with NICE
Dimethyl Fumarate  Use in line with NICE
Teriflunomide  Use In line with NICE TA 303
Lenalidomide  Use in line with NICE TA 171
Daclizumab  Use in line with NICE TA 441
Ocrelizumab

8.3 SEX HORMONES AND HORMONE ANTAGONISTS
IN MALIGNANT DISEASE
8.3.1 Oestrogens
Diethylstilbestrol

8.3.2 Progestogens
Medroxyprogesterone
Megestrol acetate

8.3.4 Hormone Antagonists
8.3.4.1 Breast Cancer
Tamoxifen
Aminoglutethimide
Anastrazole
Exemestane
Letrozole
Fulvestrant

8.3.4.2 Prostate Cancer
Abiraterone Acetate
Cyproterone
Goserelin
Flutamide
Bicalutamide
Degarelix
Leuprorelin
Enzalutamide

8.3.4.3 Somatostatin analogues
Octreotide
Lanreotide
Sandostatin LAR®
Pasireotide (Signifor®) NHSE IFR only
CHAPTER 9: NUTRITION AND BLOOD

9.1 ANAEMIAS & SOME OTHER BLOOD DISORDERS

9.1.1.1 Oral Iron
Ferrous Sulphate
Ferrous Fumarate
Sodium feredetate (Sodium Iron Edetate)
Feraccru (Ferric Maltol) To be prescribed by IBD Clinicians only.

9.1.1.2 Parenteral Iron
Iron sucrose complex (Venofer®) IV infusion
Iron dextran (Cosmofer®)
Iron (III) Isomaltoside 1000 (Monofer®) Approved for Renal Medicine & Cardiac Surgery
Iron (III) Isomaltoside (Diafer®) Approved for Renal Medicine

9.1.2 Drugs used in megaloblastic anaemias
Hydroxocobalamin
Folic Acid
Cyanocobalamin

9.1.3 Drugs used in hypoplastic, haemolytic & renal anaemias
Darbepoetin Alfa
Epoetin Alfa
Epoetin Beta
Eculizumab in line with NICE Guidance HST1

IRON OVERLOAD
Desferrioxamine

9.1.4 Drugs used in platelet disorders
Anagrelide
Romiplostim Use in line with NICE TA221 & Cancer Network Guidelines
Eltrombopag Haematology only

9.1.6 Drugs used in neutropenia
Filgrastim
Pegfilgrastim
Lenograstim

9.2 FLUIDS & ELECTROLYTES

9.2.1 Oral Administration
9.2.1.1 Oral Potassium
Sando K®
Kay-Cee-L Liquid
Potassium Chloride SR (Slow-K®)

POTASSIUM REMOVAL
Calcium resonium
Resonium A
Sodium Zirconium

9.2.1.2 Oral Sodium and Water
Sodium Chloride
ORAL REHYDRATION SALTS
Dioralyte

9.2.1.3 Oral Bicarbonate
Sodium Bicarbonate

9.2.2 Parenteral Fluids.
Sodium Chloride 0.9%
Dextrose 5%
Hartmann’s Solution
Ringers Solution
Dextrose 4% & Sodium Chloride 0.18%
Dextrose 10% & Sodium Chloride 0.18%

Dextrose 10% with Potassium for glucose potassium insulin (GKI) infusion

Sodium Chloride 0.45% & Dextrose 5%
Dextrose 5% with range of potassium strengths
Sodium Chloride 0.9% with range of potassium strengths
Potassium Chloride 15% Controlled Drug

SODIUM BICARBONATE
Sodium Bicarbonate 1.26%
Sodium Bicarbonate 8.4%

All other fluids only available on specific requests

9.2.2.2 Plasma Substitutes
Gelatin (Volplex®)

Hydroxyethyl starch (Voluven®)

Albumin Solution Contact Haematology Dept.
Volulyte

9.3 INTRAVENOUS NUTRITION
Seek Specialist Advice from nutrition team
As contract specified

9.4 ENTERAL NUTRITION
Pre-op Restricted to Dr Prescribing
Only for elective surgery.
Seek Specialist Advice from Dietetics department.
As contract specified

9.5 MINERALS
9.5.1.1 Calcium Supplements
Sandocal- 1000
Calcichew
Calcichew Forte
Calcium Sandoz –liquid
Parenteral – Calcium Chloride or Calcium Gluconate

9.5.1.2 Hypercalcaemia and hypercalciuria.
Cinacalcet
Etelcalcetide Injection

9.5.1.3 Magnesium Supplements
Parenteral – Magnesium Sulphate
Magnaspartate Sachets
Magnesium Glycerophosphate Tablets

9.5.2 Phosphorus
Phosphate-Sandoz
Sodium Phosphate Oral Solution

9.5.2.2 Phosphate-binding Agents
Calcium Acetate
Aluminium Hydroxide
Sevelamer
Sevelamer (Renvela®) Powder Sachets Only
Sucroferric oxyhydroxide (Velphoro®)
Lanthanum Carbonate

9.5.3 Fluoride
Duraphat Toothpaste 2800 ppm (Sodium Fluoride 0.619%)
Duraphat Toothpaste 5000ppm (Sodium Fluoride 1.1%)
Sodium Fluoride 0.05% Mouthwash

9.5.4 Zinc
Zinc Sulphate

9.5.5 Selenium
Selenium

9.6 VITAMINS
9.6.1 Vitamin A
Vitamin A

9.6.2 Vitamin B group
Thiamine (B1)
Pabrinex (B&C)
Pyridoxine (B6)
Vitamin B Compound Strong
Vitamin B Compound
Biotin
Pyridoxal

9.6.3 Vitamin C
Ascorbic acid

9.6.4 Vitamin D
Alfacalcidol
Calcium & Vitamin D (Calcium and Ergocalciferol tablets)
Calcium Carbonate 1.25 g (calcium 500 mg) & colecalficrol 10 micrograms (Calcichew D3 Forte®)
Calcium Carbonate 1.5g (calcium 600mg) & colecalficrol 10 micrograms (Adcal – D3®)
Calcium Carbonate 1.25g (calcium 500mg) & colecalficrol 11micrograms (Cacit D3® granules)
Ergocalciferol
Paricalcitol
9.6.5 Vitamin E
Alpha Tocopheryl acetate
Vitamin E Suspension

9.6.6 Vitamin K
Menadiol sodium phosphate
Phytomenadione

9.6.7 Multivitamin preparations
Abidec® drops
Vitamin Capsules
Ketovite® tablets/liquid
Multivitamins
Forceval®
Sanatogen A-Z complete®

9.8.1 Wilson’s Disease
Penicillamine
Carnitine deficiency
Carnitine
CHAPTER 10: MUSCULOSKELETAL AND JOINT DISEASES

10.1 DRUGS USED IN RHEUMATIC DISEASE AND GOUT

10.1.1 Non-steroidal anti-inflammatory drugs.

Ibuprofen
Naproxen
Diclofenac
(Dyloject®)  
Diclofenac with misoprostol
Indometacin
Ibuprofen gel 5%
Mefenamic acid
Naproxen
Celecoxib
Etoricoxib

10.1.2 Corticosteroids

10.1.2.1 Systemic Corticosteroids  
See section 6.3

10.1.2.2 Local Corticosteroid injection

Dexamethasone sodium phosphate
Hydrocortisone acetate  (Hydrocortistab®)
Methylprednisolone  (Depo-Medrone®)
Triamcinolone acetonide  (Adcortyl®, Kenalog®)

10.1.3 Drugs which suppress the rheumatic disease process

PENICILLAMINE
Penicillamine
ANTIMALARIALS
Chloroquine  see section 5.4.1
Hydroxychloroquine

IMMUNOSUPPRESSANTS

Apremilast – for psoriatic arthritis  in line with NICE TA433
Azathioprine
Ciclosporin (Cyclosporin)
Methotrexate
Leflunomide  Rheumatologists
Etanercept  Rheumatologists
Certolizumab Pegol  Rheumatologists
Infliximab  Dermatology/Rheumatology/Gastroenterology
Anakinra  Rheumatologists
Adalimumab  Rheumatologist/Gastroenterologists/Dermatology
Tocilizumab  Rheumatology as per NICE guidance
Golimumab  Rheumatologists/Gastroenterologists
Abatacept  Rheumatologists
Vedolizumab  in line with NICE TA342
Tofacitinib (Xelijanz)  in line with NICE
Sarilumab  In line with NICE TA485
10.1.4 Drugs for treatment of gout
ACUTE ATTACKS
Non-steroidal anti-inflammatory drugs  see section 10.1.1
Colchicine
INTERVAL TREATMENT
Allopurinol
Febuxostat
Probenecid

Rasburicase

10.2 DRUGS USED IN NEUROMUSCULAR DISORDERS
10.2.1 Drugs which enhance neuromuscular transmission
ANTICHOLINESTERASES
Neostigmine
Pyridostigmine

10.2.2 Skeletal muscle relaxants
Baclofen
Dantrolene  see 15.1.8
Diazepam  see 4.1.2
Tizanidine  Neurologist

NOCTURNAL LEG CRAMPS
Quinine Sulfate  see 5.4.1

DRUGS FOR THE RELIEF OF SOFT-TISSUE INFLAMMATION
10.3.1 Enzymes
Hyaluronidase
Collagenase Clostridium Histolyticum (Xiapex) in line with NICE TA 459

10.3.2 Rubefacients and other topical antirheumatics
Capsaicin Cream
TOPICAL NSAID’S
Ibuprofen gel
Movelat
POULTICES

Mise
Hylan G-F 20 (Synvisc®) – for patients with CCG IFR funding approval only
CHAPTER 11: EYE

Products identified as specialist use products should only be prescribed after recommendation by a Consultant or Specialist Registrar in Ophthalmology.

11.3 ANTI-INFECTIVE EYE PREPARATIONS

11.3.1 Anti-bacterials
- Ofloxacin Eye Drops
- Chloramphenicol Eye-drops and Eye Ointment
- Fusidic acid Viscous Eye Drops
- Ciprofloxacin Eye Drops
- Gentamicin Eye drops
- Chlortetracycline Eye ointment
- Chlorhexidene Eye drops
- Propamidine Eye Drops
- Polyhexanide Eye Drops

11.3.2 Antifungals
- Natamycin Eye Drops
- Voriconazole Eye Drops

11.3.3 Antivirals
- Aciclovir Eye Ointment
- Ganciclovir Ophthalmic Gel
  (temporary addition to formulary during aciclovir eye ointment manufacturing issues)
- Trifluorothymidine Eye Drops
  Named patient

11.4 CORTICOSTEROIDS AND OTHER ANTI-INFLAMMATORY.

11.4.1 Corticosteroids
- Prednisolone Eye Drops
- Dexamethasone Eye Drops
- Betamethasone Eye Drops
- Fluorometholone Ophthalmic Suspension
- Maxitrol Eye drops
- Tobramycin 0.3%/Dexamethasone 0.1% (Tobradex®)
- Ciclosporin (Ikervis®) Eye Drops 0.1% single use eye drops
- Ciclosporin (Verkazia®) Eye Drops 0.1% single use eye drops
- Bromfenac Sodium sesquihydrate (Yellox®) eye drops
  Hospital use only
- Dexamethasone intravitreal implant
- Fluocinolone Acetonide (Iluvien®) Intravitreal Implant

11.4.2 Other anti-inflammatory preparations
- Nedocromil Sodium Eye Drops
- Sodium Cromoglicate Eye Drops
- Levocabastine Eye Drops
- Olopatadine Eye Drops

11.5 MYDRIATICS AND CYCLOPLEGICS

ANTIMUSCARINICS
- Cyclopentolate Eye Drops
- Atropine Sulphate Eye Drops
- Tropicamide Eye Drops
11.6 TREATMENT OF GLAUCOMA

BETA-BLOCKERS
Timolol Eye Drops
Timolol Gel solution (Long-acting)
Betaxolol Eye Drops

PROSTAGLANDIN ANALOGUES AND PROSTAMIDES
Latanaprost & Latanoprost PF Eye-drops
Travoprost Eye drops
Bimatoprost & Bimatoprost PF Eye drops
Tafluprost PF Eye Drops

Prostaglandin Analogues with Timolol
Latanoprost with Timolol
Travoprost 40micrograms/Timolol 5mg per ml
Bimatoprost with Timolol
Tafluprost & Timolol

SYMPATHOMIMETICS
Brimonidine Eye drops

CARBONIC ANHYDRASE INHIBITORS AND SYSTEMIC DRUGS
Acetazolamide Injection and Capsules
Dorzolamide Eye Drops
Brinzolamide Eye Drops

Carbonic anhydrase inhibitors with Timolol
Dorzolamide 2% / Timolol 0.5% eye drops
Brinzolamide 10mg / Timolol 5mg per ml (Azarga®)

MIOTICS
Pilocarpine Eye Drops

11.6.6 Combination Preparations
Brinzolamide 10mg/ml & Brimonidine 2mg/ml (Simbrinza®)

11.7 LOCAL ANAESTHETICS
Tetracaine (Amethocaine) Eye Drops
Oxybuprocaine Eye drops
Lidocaine (Lignocaine) with Fluorescein Eye Drops
Proxymetacaine Eye Drops

11.8 MISCELLANEOUS OPHTHALMIC PREPARATIONS
11.8.1 Tear Deficiency, Ocular Lubricants, and astringents
Hypropemlose Eye Drops
Polyethylene Glycol 400 0.4%, propylene glycol 0.3%, hydroxypropyl guar (Systane®)
Carmellose (Optive®) eye drops
Carmellose (Celluvisc®) Liquid Gel
Liquid Paraffin (Lacrlube®) Eye Ointment
Carbomer (Polyacrylic Acid) Liquid Gel
Polyvinyl alcohol Ophthalmic Solution
Sodium Chloride Eye Drops 0.9%
Sodium Chloride Eye Drops 5%
Acetylcysteine eye drops (Ilube®)
Sodium Hyaluronate (Artelac Rebalance®)
Sodium Hyaluronate (HYLO-forte®) Consultant initiation only.

11.8.2 Ocular Diagnostic and Peri Operative Preparations and Photodynamic Treatment
Apraclonidine Eye Drops

Balanced Salt Solution and Balanced salt Solution Plus
Diclofenac Ophtha Eye Drops
Fluorescein Eye Drops
HydroxyPropylMethylCellulose Eye Drops
Ketorolac Ophtha Eye Drops
Acetylcholine (Miochol) Eye Drops
Potassium Ascorbate Eye Drops
Povidone Iodine 5% Minims – for peri-operative use
Sodium Chloride Eye Drops
Sodium Citrate Eye Drops
Sodium Hyaluronate pfs (1ml) and (0.5ml) & Greater Viscosity (0.55ml) pfs
Sodium hyaluronate + lidocaine (Visthesia®)
Verteporfin

Aflibercept (Eylea®)
Ocriplasmin (Jetrea®)
Ranibizumab (Lucentis®)
Bevacizumab

11.9 CONTACT LENS PREPARATIONS
These products are not prescribable under the NHS, unless special exemption is obtained. Various preparations are available for sale.
CHAPTER 12: EAR, NOSE, AND OROPHARYNX

AS PER BNF, CERTAIN PRODUCTS ARE LICENSED/APPROVED FOR BOTH AURAL AND OCULAR USE. See BNF section 11 for more detail.

12.1 DRUGS ACTING ON THE EAR

12.1.1 Otitis externa.
ASTRINGENT PREPARATIONS
ANTI-INFLAMMATORY PREPARATIONS
Hydrocortisone with Gentamicin Ear Drops (Gentisone HC®)
Betamethasone Ear Drops
Dexamethasone as Otomize Ear Drops
Prednisolone Ear Drops
ANTI-INFECTIVE PREPARATIONS
Gentamicin with Hydrocortisone Ear Drops (Gentisone HC®)
Clotrimazole
Framycetin as Sofradex® Ear Drops
Ciprofloxacin & Fluocinolone Cetraxal Plus® Ear Drops

12.1.3 Removal of ear Wax
Sodium bicarbonate Ear Drops
Olive Oil

12.2 DRUGS ACTING ON THE NOSE

12.2.1 Drugs used in Nasal Allergy
ANTIHISTAMINES
Azelaistine Nasal Spray

CORTICOSTEROIDS
Beclometasone (Beclometasone) Drops/ Nasal Spray
Budesonide Aqueous aerosol inhalation
Fluticasone Furoate (Avamys®)
Budesonide (Nasonex®)
Sodium Cromoglicate nasal Spray
Triamcinolone (Nasacort®) Nasal Spray

12.2.2 Topical Nasal Decongestant
Ephedrine Nasal Drops
Xylometazoline Nasal Drops
Ipratropium Nasal Spray

12.2.3 Anti-infective nasal preparations
Mupirocin (Bactroban®) nasal ointment
Chlorhexidine/Neomycin Nasal ointment (Naseptin®)
Hydroxyethylcellulose/Propylene Glycol/Octenidine Hydrochloride (Octenilin®)

12.3 DRUGS ACTING ON OROPHARYNX

12.3.1 Drugs for oral ulceration and inflammation
Benzydamine Mouthwash, Spray
Bonjela gel
Hydrocortisone Oral pellets
Orabase® Paste
Tacrolimus 0.1% in Orabase® paste
12.3.2 Oropharyngeal Anti-infective Drugs
Nystatin
*Miconazole oral gel*

12.3.3 Lozenges Sprays and Gels
Dequalinium Lozenges

12.3.4 Mouthwashes, gargles and Dentrifices
Chloraseptic Spray
Chlorhexidine  Mouthwash
Gelclair® Oral Gel
Hydrogen Peroxide 1.5% Mouthwash
*Caphosol*

12.3.5 Treatment of Dry Mouth
Glandosane Solution
Lemon Mouth Freshener
Thera-med 2 in 1 Liquid
Mucin oral spray (AS Saliva Orthana®)
*Biotene Oral Balance® Gel*
*Pilocarpine tablets*
CHAPTER 13: SKIN

13.2 EMOLLIENTS AND BARRIER PREPARATIONS

13.2.1 Emollients
Emulsifying ointment in water
- Aquamax ® (E45® Cream or Zerocream® substitute)
- Zerobase® (Diprobase substitute)
- Epaderm® Ointment
- Hydromol® Cream and Ointment
- Imuderm Cream
- Liquid Paraffin 50% in White soft paraffin
- Eczmol® Cream
- Cetraban
- Oilatum Junior Cream
- Zeroderm ointment
- Zerodouble gel
- Hydromol Intensive Cream
- Calmurid
- Zero AQS
- Ultrabase Cream

13.2.1.1 Emollient Bath Additives
- Zerolatum Bath
- Dermol® Emollient

13.2.2 Barrier Preparations
- Sudocrem®
- Zinc and Castor oil Cream
- Sprilon® Spray application
- Conotrane
- Metanium
- Cavilon Advanced

13.2.3 Dusting Powders
- Talc and hexachlorophene Dusting powder
- Talc Purified powder

13.3 TOPICAL LOCAL ANAESTHETICS AND ANTIPRURITICS
- Tetracaine (Amethocaine) Cream
- Calamine Lotion
- Crotamiton (Eurax®) Cream and Eurax HC® Cream
- Pain relieving (PR) Aerosol spray
- Menthol in Aqueous Cream 0.5% - 1% - 2% (eg Menthoderm)
- Doxepin

13.4 TOPICAL CORTICOSTEROIDS
- Alclometasone (Modrasone) Ointment 0.05%
- Betamethasone valerate Cream 0.1%, Cream 0.025% (1 in 4), Ointment 0.1%, Ointment 0.025% (1 in 4), Foam for scalp (Bettamousse®)
- Betamethasone Dipropionate Ointment 0.05% Cream 0.05%
- Betamethasone Valerate 2.25mg (Betesil® Plasters)
- Clobetasol propionate (Dermovate®) Cream 0.05%, Ointment 0.05%
- Clobetasol propionate (Etrivex®) Shampoo 0.05%
Clobetasone butyrate (Eumovate®) Cream 0.05%,
Fluocinolone acetonide (Synalar®) Cream 0.025%, Gel 0.025%, Ointment 0.025%,
Cream 0.00625% (1 in 4), Ointment 0.00625% (1 in 4)
Fluticasone propionate (Cutivate), Cream 0.05%, Ointment 0.005%
Fludroxycortide Tape
Hydrocortisone Cream 0.5%, 1%, Ointment 0.5%, 1%,
Hydrocortisone butyrate (Locoid®) Cream 0.1%, Ointment 0.1%
Mometasone furoate (Elocon®) Continuation only

With anti-bacterials
Betamethasone & clioquinol Cream and Ointment (formerly Betnovate C)
Hydrocortisone with Clotrimazole
Locoid C® Cream and Ointment
Fucibet® Cream Dermatology
Fucidin H cream and ointment Dermatology
Clobetasone butyrate, Nystatin, Oxytetracycline (Trimovate)
Benzalkonium Chloride, Dimeticone, Hydrocortisone, Nystatin (Timodine)

13.5 PREPARATIONS FOR ECZEMA AND PSORIASIS.
13.5.1 Preparations for eczema
Alitretinoin Dermatology

13.5.2 Preparations for psoriasis
Alphosyl® Cream and Alphosyl HC
Balneum® with Tar Bath oil
Calcipotriol Cream and Ointment
Calcitriol Ointment
Sebco® scalp application

Coal Tar preparations:
The following “specials” used by Dermatology department:
- Coal tar solution 5% in betnovate RD ointment
- Gockermans ointment (this contains Crude oil tar 2% (or 4% or 6% or 10% or 20%), Zinc Oxide 2%, Starch 12%, PMA Paste 12%
- Newcastle Ointment. Available in a variety of strengths:
  - Coal tar (9%), Salicylic acid (3%), Tween (1%), Ung Emuls Compound ointment to 100%
  - Coal tar (12%), Salicylic acid (2%), Tween (1%), Ung Emuls Compound ointment to 100%
  - Coal tar (6%), Salicylic acid (2%), Tween (1%), Ung Emuls Compound ointment to 100%
  - Coal tar (3%), Salicylic acid (1%), Tween (1%), Ung Emuls Compound ointment to 100%

Dithranol preparations:
Dithrocream® Cream

Dovobet® ointment
Dovobet® Scalp Gel
Enstilar Foam
Eosin in PMA 0.5% w/v Dermatology
Methoxypsoralen Paint, Gel and Bath lotion
Polytar® Shampoo and Emollient
Miconazole Cream 1% and 3%
Tazarotene Gel
Dithranol Cream in lipid-stabilised basis (Micanol®)
ORAL RETINOIDS FOR PSORIASIS
Acitretin Capsule

OTHER PREPARATIONS FOR PSORIASIS
Methoxypsoralen Emulsion
Methoxypsoralen Bath lotion

13.5.3 Drugs Affecting the Immune Response
Azathioprine
Ciclosporin (Cyclosporin)
Methotrexate
Mycophenolate Mofetil
Tacrolimus ointment
Pimecrolimus cream
Adalimumab
Brodalumab
Dimethyl Fumarate (Skilarence®)
Etanercept
Guselkumab
Infliximab
Ixekizumab (Talz) Pre filled Syringe/Pen
Ustekinumab
Secukinumab
Apremilast –for plaque psoriasis
Dupilumab

in line with NICE

13.6 ACNE AND ROSACEA
13.6.1 Topical preparations for acne
Benzoyl peroxide Topical gels
Benzoyl peroxide and Adalpalene gel – Epiduo®

TOPICAL RETINOIDS FOR ACNE
Tretinoin Cream & Gel
Isotrexin Gel

13.6.2 Oral preparations for acne
Isotretinoin Capsule
Co-cyprindiol (Dianette®)
Minocycline
Lymecycline

13.6.3 Rosacea
Brimonidine Gel
Ivermectin(Soolantra)

(IFR Only)

13.7 PREPARATIONS FOR WARTS AND CALLUSES
Cantharidin and Cantharidin Plus
Salicyclic acid preparations (Cuplex®, Verrugon®)
Salactol® Paint
Salatac® Gel
GENITAL WARTS
Podophyllum preparations
Warticon® Solution
Imiquimod

13.8 SUNSCREENS AND CAMOUFLAGERS
Sunsense SPF 50
Solaraze®
Methyl aminolevulinate cream (Metvix®)

13.8.1 Sunscreen Preparations
Ingenol Mebutate (Picato®)
Fluouracil 5% Efudix

13.9 SHAMPOOS AND SOME OTHER SCALP APPLICATIONS
Alphosyl® Shampoo and 2 in1 Shampoo
Capasal® Shampoo
Ketoconazole 2% Shampoo
Polytar® and Polytar Plus® Shampoo
T/Gel® Shampoo
Efornithine cream via IFR only

13.10 ANTI-INFECTIVE SKIN PREPARATIONS
13.10.1 Antibacterial preparations only used topically
Mupirocin Ointment
Silver sulfadiazine (sulphadiazine) Cream
Polyfax Ointment

13.10.1.2 Antibacterial preparations also used systemically
Metronidazole Gel

13.10.2 Antifungal preparations
Clotrimazole Cream
Econazole Cream
Nystatin Cream

13.10.3 Antiviral preparations
Aciclovir Cream

13.10.4 Parasiticidal preparations
Carbaryl Lotion Use as local policy
Malathion Lotion Use as local policy
Dimeticone Lotion Use as local policy
Permethrin Cream rinse Use as local policy
Ivermectin Cream

13.10.5 Preparations for minor cuts and abrasions
Proflavine Antiseptic cream

13.11 DISINFECTANTS AND CLEANSERS
See local guidelines from infection control team.
Octenisan Wash Lotion
Chlorhexidine Preparations
Hydrogen peroxide Preparations
Hydrogen peroxide cream (Crystacide®)
Industrial Methylated Spirit Preparations
Plaster Remover
Potassium permanganate (Permitabs®)
Povidone Iodine Preparations

13.11.7 Desloughing agents

13.13 TOPICAL CIRCULATORY PREPARATIONS
Hirudoid® Cream
CHAPTER 14: IMMUNOLOGICAL PRODUCTS AND VACCINES

For guidance on the choice and use of vaccines, see ‘Immunisation against infectious diseases’ a HMSO publication – available online at:

14.4 VACCINES AND ANTISERA
BCG Vaccine
Diphtheria Vaccine
Diphtheria/Tetanus Vaccine
Diphtheria/Tetanus/Pertussis Vaccine
Haemophilus Influenzae Type b (Hib) Vaccine
Hepatitis A Vaccine
Hepatitis B Vaccine
Influenza Vaccine
Measles/Mumps/Rubella (MMR) Vaccine
Meningococcal Vaccine
Pertussis Vaccine (Whooping Cough)
Pneumococcal Vaccine
Poliomyelitis Vaccine Live
Poliomyelitis Vaccine Inactivated
Rotavirus Vaccine (Rotarix®)
Rubella Vaccine
Varicella-Zoster Vaccine
Varicella Vaccine (Varivax®)
Yellow Fever Vaccine
Meningitis B Vaccine

14.5 IMMUNOGLOBULINS
Normal Immunoglobulin (Brand dependant upon availability)

SPECIFIC IMMUNOGLOBULINS
Anti-human Thymocyte Immunoglobulin (Equine)
Human Anti-tetanus Immunoglobulin
Anti-D (Rh(o)) immunoglobulin
Haematology
CHAPTER 15: ANAESTHESIA

15.1 GENERAL ANAESTHESIA
15.1.1 Intravenous anaesthetics
BARBITURATES
Thiopental (Thiopentone) Sodium Injection
OTHER INTRAVENOUS ANAESTHETICS
Etomidate Injection
Ketamine Injection
Propofol Injection and Prefilled syringe

15.1.2 Inhalational anaesthetics
Sevoflurane
Isoflurane
Desflurane
Nitrous Oxide

15.1.3 Antimuscarinic drugs
Atropine Sulphate Injection
Glycopyrronium Injection
Hyoscine hydrobromide Injection

15.1.4 Sedative and analgesic peri-operative drugs
BENZODIAZEPINES
Midazolam Injection
Diazepam
Lorazepam
Temazepam Tablets
PHENOTHIAZINES AND RELATED
Promethazine see 3.4.1

15.1.4.2 Non-opioid analgesics
Diclofenac Sodium see 10.1.1
Ketoprofen injection see 10.1.1
Ketorolac Injection
Parecoxib injection

15.1.4.3 Opioid analgesics
Alfentanil Injection
Fentanyl Injection
Morphine Sulphate Injection
Pethidine Injection
Remifentanil Injection

15.1.4.4 Other drugs for sedation
Dexmedetomidine
15.1.5 Muscle Relaxants
NON-DEPOLARISING
Atracurium Besilate Injection
Cisatracurium Injection
Mivacurium Chloride Injection
Pancuronium Bromide Injection
Rocuronium Bromide Injection
Vecuronium Bromide Injection

DEPOLARISING
Suxamethonium Chloride Injection

15.1.6 Anti-cholinesterases used in anaesthesia
Neostigmine Injection
Glycopyrronium-Neostigmine Injection
Sugammadex

15.1.7 Antagonists for central and respiratory depression
Flumazenil Injection
Naloxone Injection

15.1.8 Drugs used for malignant hyperthermia
Dantrolene Sodium Injection

15.2 LOCAL ANAESTHESIA
LIDOCAINE (LIGNOCAINE)
Lidocaine (Lignocaine) Injection
Lidocaine (Lignocaine) Plaster (Versatis®)
Neuropathic pain in line with NICE CG173

FOR SURFACE ANAESTHESIA
Lidocaine 2.5% and prilocaine 2.5% (Emla®) Topical Cream
Tetracaine 4% (Ametop®) Topical Gel
Instillagel® Gel
Lidocaine (Lignocaine) Topical Spray

BUPIVACAINE
Bupivacaine Injection
Levo-bupivacaine Injection.

PRILOCAINE
Prilocaine Injection
Hyperbaric Prilocaine Injection

ROPIVACAINE
Ropivacaine Injection and Epidural Infusion

Chloroprocaine

OTHER
Cocaine
APPENDIX 2: BORDERLINE SUBSTANCES

A2.1 Enteral Feeds
Nutrison Range

A2.2 Nutritional Supplements
Fortijuice
Fortisip Compact
Fortisip Compact Protein
Fortisip Compact Fibre
Fortisip Yogurt Style
Forticreme
Fortisip Extra
Renilon

A2.3 Specialised Formulas for Specific Clinical Conditions

A2.4 High Energy Supplements
Calogen
Calogen Extra
Protifar
Scandishake

A2.5 Feed additives
VSL#3  
Nutilis Clear®Powder  
*For treatment of pouchitis*

A5.3.4 Other Antimicrobials
Octenilin®
APPENDIX 8: WOUND MANAGEMENT PRODUCTS

SUBSTANCES AND ELASTIC HOSIERY

See separate local policy/formulary on Tissue Viability intranet site at:
http://intranet.hey.nhs.uk/tissueviability/

The Trust Wound Formulary is listed on this link:
http://intranet.hey.nhs.uk/tissueviability/woundFormulary.asp

For quick reference, the dressings groups and products in current use are:

**Interactive Dressings (stocked by pharmacy).**

**Alginate**
Sorbsan Flat (Replaces Kaltostat range).
Sorbsan Ribbon

**Hydrogel**
ActivHeal (Replaces Intrasite range).

Intrasite Gel Restricted to use by Radiotherapy only
Flamigel Restricted to use by Radiotherapy only
Flaminal Hydro Restricted to use by Radiotherapy only
Cutimed Sorbact Gel

**Hydrocolloid**
Duoderm
Aquacel Rope
Aquacel Ribbon
Aquacel Sheets

**Odour Absorbent**
Clinisorb

**Odour Absorbent – Combination**
Carboflex

**Antimicrobials – Polihexanide and betaine Based**
Prontosan wound irrigation Tissue Viability Nurse/Vascular Nurse/Podiatry specialist
Prontosan Gel X Tissue Viability Nurse/Vascular Nurse/Podiatry specialist

**Antimicrobials – Iodine Based**
Inadine
Iodosorb Tissue Viability Nurse/Vascular Nurse/Podiatry specialist

**Antimicrobials – Silver based**
Aquacel Ag Tissue Viability Nurse/Vascular Nurse/Podiatry specialist
Acticoat Flex 3 Tissue Viability Nurse/Vascular Nurse/Podiatry specialist
Acticoat Flex 7 Tissue Viability Nurse/Vascular Nurse/Podiatry specialist
Askina Calgitrol thin 5cm x 5cm Podiatry specialist
Askina Calgitrol Paste 15 g Podiatry specialist
Urgotul®SSD ‘Strictly on advice of vascular specialist nurses/tissue viability nurse only – they will supply if required’.
<table>
<thead>
<tr>
<th><strong>Low adherant dressings</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Jelonet</td>
<td></td>
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</tbody>
</table>

**Scar Treatment**

<table>
<thead>
<tr>
<th>Product</th>
<th>Restrictions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cica-care</td>
<td>Restricted to use by dermatology/plastics only</td>
</tr>
<tr>
<td>Dermatix</td>
<td>Restricted to use by max fax/plastics only</td>
</tr>
</tbody>
</table>

**Larval therapy**

<table>
<thead>
<tr>
<th>Product</th>
<th>Restrictions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Larvae</td>
<td>Tissue Viability Nurse/Vascular Nurse/Podiatry specialist</td>
</tr>
</tbody>
</table>
FORMULARY APPENDIX 1 – Products which are not currently listed in the BNF

**Bone cements**

*Dibotermin alfa*  
*Spinal Surgery Only*

**Fibrin sealants**

*Tisseel® fibrin sealant*  
*Cardiothoracic surgery only*

*Evicel® fibrin sealant*  
*Cardiothoracic surgery only*

**DEVICES – Products licensed as devices (not drugs) – approved since April 2007**

*Hexaminolevulinate (Hexvix®)*  
*Urology*

*Perflutren lipid microspheres (Luminity®)*  
*Cardiology*

*Cyclo-Tauridine and Citrate 4% (TauroLock®)*  
*Consultant Microbiologist/Renal*

*Exem Foam*  
*Obs and Gynae use only*

*Blue Patent V PFS*  
*Surgery*

**Continuous renal replacement therapy (CRRT) or Haemofiltration (CVVHD)**

At HUTH there are three products used in the haemofiltration (KF multifiltrate) dialysis machines:

- *Ci-Ca dialysate K2, K4 Multibic 2, Multibic 4 (5L bags) – CE marked*
- *Sodium citrate 4% 1500ml bag – CE marked*
- *Calcium chloride 50mmol/500mL bag – Used to reverse citrate anticoagulation, not as a drug – unlicensed solution (made in a NHS pharmacy production unit with MS licence)*

**Medicinal products for diagnostic use only**

*Regadenoson (Rapiscan®)*  
*Ophthalmology and Neurosurgery*

*Indocyanine Green Dye*

**Medical Gases**

*Oxygen*

*Medical air*

*Compressed Air*

*Nitrous oxide*

*Nitric Oxide*

*Entonox*

*Heliox*

*Carbon dioxide*

*Helium*

**Contrast Media Agents**

*Gadoteridol (Prohance®)*  
*Radiology*

*Gadoxetic Acid (Primovist®)*  
*Radiology*

*Gadobutrol (Gadovist®)*  
*Radiology*

*Vitamin A&D cream/ointment*  
*For use in breast reconstruction only.*

**Foods for Special Medical Purposes**
Renavit®
DEKAS Plus/Essential

Miscellaneous

Staloral  Consultant Immunologists Only
Alutard  Consultant Immunologists Only
Pollinex Quatro  Consultant Immunologists Only
Pure Fructose (Hydrogen Breath Test)
Baricitinib (Olumiant)  In Line with TA466
Free Style Libre
Invertase Syrup for genetic disaccharide enzyme deficiency
5-Aminolevulonic Acid (Gliolan®) – in line with NICE Guidance
### FORMULARY APPENDIX 2 – DRUGS RECOMMENDED IN NICE TA/NHSE COMMISSIONING POLICY WHICH ARE NOT IN FORMULARY

<table>
<thead>
<tr>
<th>NICE TA</th>
<th>EXPLANATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>TA 85 Renal Transplantation – Immunosuppressive Regimens (Adults)</td>
<td>Renal transplant operations are not performed by HEY.</td>
</tr>
<tr>
<td>TA 99 Renal Transplantation – Immunosuppressive Regimens for Children and Adolescents</td>
<td>Renal transplant operations are not performed by HEY.</td>
</tr>
<tr>
<td>TA 235 Osteosarcoma – Mifamurtide</td>
<td>Recommended for treatment in specified children, adolescents and young adults. This cohort of patients are referred to specialist provider.</td>
</tr>
<tr>
<td>TA 305 Pixintrone Monotherapy for treating multiple relapsed or refractory aggressive non Hodgkins B-cell lymphoma</td>
<td>Available as IFR or chairs approval</td>
</tr>
<tr>
<td>TA 344 Ofatumumab in combination with chlorambucil or bendamustine for untreated chronic Vortioxetine lymphocytic leukaemia</td>
<td>Available via chairs approval until submission received by D&amp;T committee</td>
</tr>
<tr>
<td>TA 378 Ramucirumab for treating advanced gastric cancer or gastro oesophageal junction adenocarcinoma previously treated with chemotherapy</td>
<td>Available via chairs approval until submission received by D&amp;T committee</td>
</tr>
<tr>
<td>TA 392 Adalimumab for Treating Moderate to Severe Hidradenitis Suppurativa</td>
<td>Available via NHSE Commissioned service at specialist centres in Leeds and Sheffield</td>
</tr>
<tr>
<td>NICE TA 477 Autologous chondrocyte implantation for treating symptomatic articular cartilage defects of the knee</td>
<td>Available via chairs approval until submission received by D&amp;T committee</td>
</tr>
<tr>
<td>NICE TA 476 Paclitaxel as albumin-bound nanoparticles with gemcitabine for untreated metastatic pancreatic cancer</td>
<td>Available via chairs approval until submission received by D&amp;T committee</td>
</tr>
<tr>
<td>NICE TA 460 Adalimumab and dexamethasone for treating non-infectious uveitis</td>
<td>Adalimumab. Available via chairs approval until submission received by D&amp;T committee</td>
</tr>
<tr>
<td>NICE TA 450 Blinatumomab for previously treated Philadelphia-chromosome-negative acute lymphoblastic leukaemia</td>
<td>Available via chairs approval until submission received by D&amp;T committee</td>
</tr>
<tr>
<td>TA 410 – Talimogene laherparepvec for treating unresectable metastatic melanoma</td>
<td>Available via chairs approval until submission received by D&amp;T committee</td>
</tr>
<tr>
<td>TA 523 – Midostaurin for untreated acute myeloid leukaemia</td>
<td>Available via chairs approval until submission received by D&amp;T committee</td>
</tr>
<tr>
<td>TA 535 Lenvatinib and sorafenib for treating differentiated thyroid cancer after radioactive iodine</td>
<td>Available via chairs approval until submission received by D&amp;T committee</td>
</tr>
<tr>
<td>TA 538 Dinutuximab beta for treating neuroblastoma</td>
<td>Recommended for treatment in specified children. This cohort of patients are referred to specialist provider, not used at HEY</td>
</tr>
<tr>
<td>TA 539 Lutetium (177Lu) oxodotreotide for treating unresectable or metastatic neuroendocrine tumours</td>
<td>Targeted radioisotope would not be used by HEY</td>
</tr>
<tr>
<td>TA 541 Inotuzumab ozogamicin for treating relapsed or refractory B-cell acute lymphoblastic leukaemia</td>
<td>Available via chairs approval until submission received by D&amp;T committee</td>
</tr>
<tr>
<td>TA 545 Gemtuzumab ozogamicin for untreated acute myeloid leukaemia</td>
<td>Available via chairs approval until submission received by D&amp;T committee</td>
</tr>
<tr>
<td>TA 551 Lenvatinib for untreated advanced hepatocellular carcinoma</td>
<td>Available via chairs approval until submission received by D&amp;T committee</td>
</tr>
<tr>
<td>TA 552</td>
<td>Liposomal cytarabine–daunorubicin for untreated acute myeloid leukaemia</td>
</tr>
<tr>
<td>---</td>
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</tr>
<tr>
<td>TA554</td>
<td>Tisagenlecleucel for treating relapsed or refractory B-cell acute lymphoblastic leukaemia in people aged up to 25 years</td>
</tr>
<tr>
<td>TA559</td>
<td>Axicabtagene ciloleucel for treating diffuse large B-cell lymphoma and primary mediastinal large B-cell lymphoma after 2 or more systemic therapies</td>
</tr>
<tr>
<td>TA 562</td>
<td>Encorafenib with binimetinib for unresectable or metastatic BRAF V600 mutation-positive melanoma</td>
</tr>
<tr>
<td>TA565</td>
<td>Benralizumab for treating severe eosinophilic asthma</td>
</tr>
<tr>
<td>TA567</td>
<td>Tisagenlecleucel for treating relapsed or refractory diffuse large B-cell lymphoma after 2 or more systemic therapies</td>
</tr>
<tr>
<td>TA572</td>
<td>Ertugliflozin as monotherapy or with metformin for treating type 2 diabetes</td>
</tr>
<tr>
<td>TA575</td>
<td>Tildrakizumab for treating moderate to severe plaque psoriasis</td>
</tr>
<tr>
<td>TA577</td>
<td>Brentuximab vedotin for treating CD30 positive cutaneous T-cell lymphoma.</td>
</tr>
<tr>
<td>TA583</td>
<td>Ertugliflozin with metformin and a dipeptidyl peptidase-4 inhibitor for treating type 2 diabetes</td>
</tr>
<tr>
<td>TA588</td>
<td>Nusinersen for treating spinal muscular atrophy</td>
</tr>
<tr>
<td>TA589</td>
<td>Blinatumomab for treating acute lymphoblastic leukaemia in remission with minimal residual disease activity</td>
</tr>
<tr>
<td>TA591</td>
<td>Letermovir for preventing cytomegalovirus disease after a stem cell transplant</td>
</tr>
<tr>
<td>TA592</td>
<td>Cemiplimab for treating metastatic or locally advanced cutaneous squamous cell carcinoma</td>
</tr>
<tr>
<td>TA 595</td>
<td>Dacomitinib for untreated EGFR mutation positive non small cell lung cancer</td>
</tr>
<tr>
<td>TA 596</td>
<td>Risankizumab for treating moderate to severe plaque psoriasis</td>
</tr>
</tbody>
</table>

**Specialist Commissioning Arrangements in line with NHSE clinical commissioning policy**

**Treatment of Chronic Hepatitis C in Patients with Cirrhosis**

Ombitasvir, Paritaprevir, Dasabuvir, Ledipasvir