DRUG FORMULARY

Updated after HUTH Drug and Therapeutics Committee meeting of August 2024

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:

Bold and highlighted = preferred first line agent
Italics = specialist recommendation only
Other agents = can still be used, but are not preferred first line agent

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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Emergency Treatment of Poisoning

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

Emergency Treatment of Eye Contamination

Diphoterine Eye Wash

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

1.2 ANTACIDS
Sodium Citrate *Maternity*

1.2.8Aluminium and Magnesium containing
Magnesium Trisilicate
Aluminium Hydroxide
Co-Magaldrox
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 *NICU*

1.2 ANTISPASMODICS
ANTIMUSCARINICS
Hyoscine butylbromide
Alverine Citrate
Propantheline *for specialist use only*
OTHER
Mebeverine
dicycloverine liquid
Peppermint oil
Peppermint water

MOTILITY STIMULANTS
Metoclopramide/Domperidone – see 4.6

1.3 ULCER HEALING DRUGS
1.3.1 H_2 receptor antagonists
Ranitidine
Nizatadine
Famotidine
Cimetidine *paediatrics*

1.3.3 Chelates and Complexes
Bismuth subsalicylate
Sucralfate

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

1.4 ANTIDIARRHOEAL DRUGS
1.4.2 Antimotility drugs
Loperamide
Codeine phosphate **NOT** for under 12 years old or breastfeeding mothers

1.5 CHRONIC BOWEL DISORDERS
1.5.1 AMINOSALICYLATES
Mesalazine *** Remember to clarify the brand of SR products ***
Sulfasalazine
Balsalazide *Gastroenterology*
Olsalazine *Gastroenterology*

1.5.2 CORTICOSTEROIDS
Hydrocortisone 10% foam
Hydrocortisone suppository
Prednisolone enemas and suppository
Budesonide *Gastroenterology*
Kinpeygo (Budesonide) M/R capsules *Specialist use for IgA nephropathy only*

1.5.3 DRUGS AFFECTING THE IMMUNE RESPONSE
Methotrexate
Azathioprine
Ciclosporin
Infliximab
Adalimumab
Golimumab
Ustekinumab
Vedolizumab
Tofacitinib
Deucravacitinib *NICE TA907*
Filgotinib
Upadacitinib
Ozanimod *NICE TA828*
Risankizumab *NICE TA888*
Mirikizumab *NICE TA925*
Voclosporin *NICE TA882*

1.5.4 FOOD ALLERGY
Sodium cromoglicate (oral capsules) *Immunology*

1.6 LAXATIVES

1.6.1 Bulk forming
Ispaghula Husk

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
Sodium Citrate Relaxit® enemas

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®

1.6.6 Peripheral Opioid-receptor Antagonists

Methylnaltrexone bromide injection	*Palliative Care Consultant*

Naldemedine
Naloxegol Oxalate

1.6.7 5HT$_4$ 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®
Uniroid-HC
Scheriproct

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*

ANION EXCHANGE RESIN
Colestyramine

1.9.4 Pancreatin
Creon

Pancreolauryl Test Capsules	*Gastroenterology*

Others

Teduglitide	*Gastroenterology i*n line with NICE TA804

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
Metolazone
Chlortalidone
Chlorothiazide (Unlicensed)

2.2.2 Loop
Furosemide (Frusemide)
Bumetanide

2.2.3 Potassium sparing

Amiloride	
Spironolactone	Heart failure, ascites
Eplerenone	
Potassium Canrenoate (unlicensed)	*NICU*
Finerenone	*In line with NICE TA*

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	
Sotalol	
Lidocaine (Lignocaine)	
Lidocaine (Lignocaine) in Dextrose infusion	
Mexiletine	*Cardiology*
Dronedarone	*Cardiology*

Ajmaline(Unlicensed)

2.4 BETA-ADRENOCEPTOR BLOCKING DRUGS

Timolol	Post MI
Atenolol	For continuation
Carvedilol	Heart Failure
Nebivolol	Heart Failure in patients 70years or older
Bisoprolol	
Esmolol	*Cardiology/Theatres*
Labetalol	
Metoprolol	*Cardiology*
Propranolol	

2.5.2 Centrally acting

Clonidine
Methyldopa
Moxonidine

2.5 ANTIHYPERTENSIVE AGENTS

2.5.1 Vasodilator

Diazoxide	
Hydralazine	
Sodium Nitroprusside	
Minoxidil	
Iloprost	
Bosentan	*Pulmonary hypertension/Digital Ulceration in scleroderma/Raynauds*
Ambrisentan	*Pulmonary hypertension*
Macitentan	*Pulmonary hypertension*
Epoprostenol	
Epoprostenol (Veletri)	*Pulmonary Hypertension Only*
Riociguat	*NHSE IFR only*
Selexipag	

2.5.4 Alpha blockers

Doxazosin
PHAEOCHROMOCYTOMA
Phenoxybenzamine
Phentolamine injection
Prazosin Suspension (unlicensed)

2.5.5.1 ACE inhibitors

Ramipril
Lisinopril
Perindopril
Enalapril
Captopril

2.5.5.2 Angiotensin II receptor antagonists
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 Modified Release
Nicardipine Hyrochloride 10mg/10ml Solution for Injection
Nimodipine *Sub Arachnoid Haemorrhage*
Felodipine *For continuation of GP initiated treatment*

2.6.3 Potassium channel activators
Nicorandil
Ivabradine *Cardiology Only*
Ranolazine *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

Enoxaparin	For PE treatment, DVT treatment and prophylaxis
Dalteparin	
Tinzaparin	*For paediatrics and neonates*

Other LMWH may be obtained in event of supply problems
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

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

Specific Reversal Agent for Dabigatran

Idarucizumab	*Haematology advice only*

Specific Reversal Agent for Apixaban and Rivaroxaban

Andexanet alfa	*As per NICE TA697*

2.8.3 Protamine sulphate
Protamine sulphate

2.9 ANTIPLATELET DRUGS
Aspirin
Aspirin and Glycine (Lysine Acetylsalicylate) unlicensed

Clopidogrel
Prasugrel *Specialist Use ONLY*
Dipyridamole
Ticagrelor
Eptifibatide *Cardiology*
Tirofiban *Cardiology*

2.10.2 FIBRINOLYTIC DRUGS
Urokinase
Alteplase
Alteplase (Actilyse Cathflo 2 mg) approved as 2nd line agent after Urokinase
Tenecteplase
Streptokinase

2.11 ANTIFIBRINOLYTIC DRUGS AND HAEMOSTATIC AGENTS
Tranexamic Acid
Aprotinin *Cardiac Anaethetists/ Surgeons*
Emicizumab

BLOOD PRODUCTS
Haematology Department

Novoseven® (Eptacog alfa)
Novoeight® (Turoctocog alfa)
Elocta® ((Efmoroctocog alfa)
Advate® (Octocog alfa)
Refacto AF® ((Moroctocog alfa)
Esperoct® (Turoctocog alfa)
Benefix ® (Nonocog alfa)
Wilate®(Human Von Willebrand factor)
Veyvondi® (Vonicog alfa) (Von Willebrand factor)
Feiba® (Factor Eight Inhibitor bypassing fraction)
Obizur®(susoctocog alfa)

2.12 LIPID LOWERING DRUGS.
ANION EXCHANGE
Colestyramine (Questran®) *Lipid Specialist*
Colesevelam (Cholestagel®) *Lipid Specialist*

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

STATINS
Atorvastatin
Pravastatin
Simvastatin
Rosuvastatin *Lipid Specialist*

Bempedoic Acid *in line with NICE TA694*

Bempedoic Acid/Ezetimibe	*in line with NICE TA694*
Ezetimibe	*Lipid Specialist*
Alirocumab	*In line with NICE TA393*
Evolocumab	*In line with NICE TA394*
Inclisiran	*In line with NICE TA733*
Icosapent ethyl	*In line with NICE TA 805*

2.13 LOCAL SCLEROSANTS

Ethanolamine Oleate	*Surgery*
Sodium TetraDecyl Sulphate	*Surgery*
Polidocanol (Scleroven)®	*Surgery*

CHAPTER 3: RESPIRATORY SYSTEM

3.1 BRONCHODILATORS

3.1.1.1 Selective β_2 Adrenoreceptor Stimulants

Short acting

Salbutamol
Terbutaline

Long acting

Salmeterol
Formoterol
Indacaterol Maleate *Respiratory Specialist*
Bambuterol *Respiratory Specialist*

3.1.1.2 Other Adrenoreceptor stimulants

Adrenaline aerosol (Primatene Mist®)

3.1.2 Antimuscarinic bronchodilators

Tiotropium
Aclidinium *Respiratory Specialist*
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®)
Glycopyrronium/Formoterol (Bevespi®)

3.1.5 Inhalation Devices

AeroChamber Plus Flow- Vu antistatic VHC with mask infant (1-18 mths) - Orange
AeroChamber Plus Flow- Vu antistatic VHC with mask child (1-5 yrs) - Yellow
AeroChamber Plus Flow- Vu antistatic VHC with mask youth (5+ yrs) - Green
AeroChamber Plus Flow- Vu antistatic VHC with mask small adult - Purple
AeroChamber Plus Flow- Vu antistatic VHC with mask large adult - Blue
AeroChamber Plus Flow- Vu antistatic VHC with mouthpiece - Blue

3.2 CORTICOSTEROIDS

Beclometasone (Beclomethasone)

Qvar®	**(First line in adults)**	**Prescribe by brand**
Kelhale®	**(First line in adults)**	**Prescribe by brand**
Clenil Modulite®	(First line in children)	Prescribe by brand

Budesonide
Fluticasone *Respiratory Specialist*
Ciclesonide *Respiratory Specialist*

Combination
Formoterol fumarate/Budesonide (Symbicort® , Fobumix® Easyhaler)
Formoterol fumarate dehydrate/ Beclometasone Dipropionate (Fostair®, Luforbec®)
Formoterol fumarate dehydrate/beclometasone dipropionate / glycopyrronium(as bromide)(Trimbow®)
Formoterol fumarate/Glycopyrronium/Budesonide (Trixeo®)
Formoterol fumarate dehydrate/ Beclometasone Dipropionate Fostair NEXThaler®
Salmeterol/Fluticasone (Seretide®) *Respiratory Specialist*
Formoterol fumarate dehydrate/Fluticasone Propionate (*Flutiform®) Continuation Only*
Formoterol fumarate dehydrate/Budesonide (DuoResp Spiromax®) Continuation Only
Fluticasone Furoate and Vilanterol (Relvar Ellipta) *Approved for patients with severe Asthma on DOT therapy only*
Mometasone/Indacaterol/Glycopyrronium (Enerzair®Breezhaler) asthma team only
Mometasone/Indacaterol (Atectura) asthma team only

3.3 CROMOGLICATE AND RELATED THERAPY
Nedocromil *Respiratory Specialist*
Sodium Cromoglicate(Sodium Cromoglycate) *Respiratory Specialist*

3.3.2 Leukotriene receptor antagonists
Montelukast

PHOSPHODIESTERASE TYPE 4 INHIBITORS
3.3.3 *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 NICE guidance*
Mepolizumab *in line with NICE guidance*
Benralizumab *in line with NICE guidance*
Reslizumab Injection *in line with NICE guidance*
Dupilumab *in line with NICE guidance*
Tezepelumab *in line with NICE guidance*
Grass and tree pollen extracts – Grazax® *Immunology only*
Pharmalgen®
Birch pollen extracts -Itulazax® *Immunology only*
House dust mite extracts – Acarizax *Immunology only*

3.4.3 Allergic emergencies
Adrenaline Pre filled Injector Pens As Per Availability
Icatibant *Immunology only*

C1 Esterase Inhibitor (Berinert®)	*Immunology only*
Lanadelumab	*Immunology only*
Berotralostat	*Immunology only; in line with NICE*

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
Carbocisteine
Dornase alfa
Erdosteine

Mannitol Dry Powder	*For Inhalation*	*(Cystic Fibrosis)*	*NICE NG78*
Ivacaftor (Kalydeco®)			
Lumicaftor/Ivacaftor (Orkambi®)		*(Cystic Fibrosis)*	*NICE NG78*
Tezacaftor/Ivacaftor (Symdeco)			
Tezacaftor/Ivacaftor/Elexacaftor			
Sodium chloride 3% and 7% nebuliser solution			

3.8 INHALATIONS
No recommendations

3.9 ANTITUSSIVES
3.9.1 Cough Suppressants
Codeine 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

Temazepam	
Nitrazepam	*Continuation of GP initiated treatment only*
Zolpidem	*Continuation of GP initiated treatment only*
Zopiclone	
Chloral Hydrate	*Paediatrics*
Clomethiazole *(Chlormethiazole)*	*2nd line – alcohol dependence*
Melatonin M/R Tablets	*Paediatrics, Neurology &*
Other formulations see unlicensed list	*Electrophysiology (EGG)*

These agents will not normally be supplied on discharge

4.1.2 Anxiolytics

Buspirone hydrochloride	*Mental Health advice or Continuation of treatment only*
Chlordiazepoxide	*1st line alcohol dependence*
Diazepam	
Lorazepam	*Premedication*

4.1.3 Barbiturates
Specialist Use Only & E.E.G.

4.2 DRUGS USED IN PSYCHOSES AND RELATED DISORDERS
4.2.1 Antipsychotic Drugs

Amisulpride	*Mental Health advice or Continuation of treatment only*
Aripiprazole	*Mental Health advice or Continuation of treatment only*
Chlorpromazine	
Flupentixol	*Mental Health advice or Continuation of treatment only*
Haloperidol	
Olanzapine	
Risperidone (oral)	*Psychogeriatrician or Mental Health advice/continuation*
Sulpiride	*Mental Health advice or Continuation of treatment only*
Trifluoperazine	*Mental Health advice or Continuation of treatment only*
Zuclopenthixol	*Mental Health advice or Continuation of treatment only*
Quetiapine	*Neurologist or specialist advice/continuation*
Paliperidone	*Mental Health advice or Continuation of treatment only*
Clozapine	*Mental Health advice or Continuation of treatment only*

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, Li-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 — *Mental Health advice or Continuation of treatment only*
Nortriptyline — *Pain Team Use, Neurology and Urology*

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
Citalopram
Escitalopram — Consultant only
Vortioxetine — As NICE TA367 –*Mental Health Advice or continuation of treatment only*

4.3.4
Mirtazapine — *Specialist led*
Venlafaxine — *Specialist led*
Duloxetine (Cymbalta®) — *Endocrinology/Neurology & Pain Team Use*

4.4 CENTRAL NERVOUS STIMULANTS
Atomoxetine
Dexamfetamine
Methylphenidate
Modafinil
Lisdexamfetamine — *Mental Health Advice or Continuation of Treatment only*

CENTRAL NERVOUS SYSTEM DEPRESSANTS
Sodium Oxybate — *Available for adults via chairs approval 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-HT_3 ANTAGONISTS
Ondansetron
Granisetron Transdermal Patch — *Consultant Head & Neck Specialists Only*

NEUROKININ RECEPTOR ANTAGONISTS
Aprepitant

OTHER DRUGS
Betahistine
Hyoscine Hydrobromide
Glycopyrronium

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
Nefopam — *Cardiothoracic Use Only*
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/ Oncology Consultant only*

Meptazinol
Morphine
Pethidine
Buprenorphine Sublingual
Buprenorphine Oro mucosal — *Continuation of treatment for RENEW patients only*
Buprenorphine Patches
Fentanyl oral
Oxycodone

4.7.3 Neuropathic pain
Carbamazepine
Amitriptyline
Sodium Valproate
Gabapentin
Pregabalin
Ketamine oral solution — *Pain Team – Consultant use only, for chronic neuropathic pain via IFR only,*
Nabilone — *Pain Team - 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
Botulinum Toxin Type A — *As per NICE TA260*
Flunarizine (unlicensed medicine)
Fremanezumab — *As per NICE TA764*
Atogepant — *As per NICE TA973*
Galcanezumab — *As per NICE TA 659*
Erenumab — *As per NICE TA682*
Eptinezumab — *As per NICE TA871*
Rimegepant — *As per NICE TA906*

Cluster Headaches
Topiramate
Lithium
Verapamil

4.8 ANTI-EPILEPTICS
4.8.1 Control of Epilepsy
Phenytoin
Sodium valproate (including S/R e.g. Epilim Chrono®) Pregnancy Prevention Programme
Carbamazepine
Brivaracetam — *Adjunctive therapy of partial-onset seizures in adult and adolescent patients*
Phenobarbital

Clonazepam	
Clobazam	
Fenfluramine	*Adjunctive therapy of seizures associated with Dravet Syndrome*
Gabapentin	
Lamotrigine	
Levetiracetam	
Lacosamide	*Neurologist only*
Oxcarbazepine	
Perampanel	*Initiation by consultant only*
Pregabalin (for epilepsy)	
Primidone	
Rufinamide	*available via IFR only*
Tiagabine	
Topiramate	
Vigabatrin	
Zonisamide	
Stiripentol	*Paediatric Neurologist only*
Retigabine	*Neurologist only*
Eslicarbazepine	*Neurologist only*
Ethosuximide	
Sultiame (unlicensed)	
Cannabidiol Oral Solution	*Adult neurology as per NICE TAs*
Cenobamate	

4.8.2 Drugs Used in Status Epilepticus

Lorazepam	
Phenytoin	
Diazepam	
Clonazepam	
Paraldehyde	*paediatrics only*
Phenobarbital	
Midazolam Buccal	

4.9 DRUGS IN PARKINSONISM AND RELATED DISORDERS

4.9.1 Dopaminergic Drugs

Co-beneldopa (Madopar®)	
Co-careldopa (Sinemet®)	
Duodopa®	*as per NHSE Commissioning*
Amantadine	
Apomorphine	
Cabergoline	
Pergolide	
Pramipexole	
Pramipexole MR	
Foslevodopa-foscarbidopa (Produodopa®)	*TA934*
Ropinirole	
Ropinirole 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

4.10 DRUGS USED IN SUBSTANCE DEPENDENCE

Alcohol dependence	**See Guidelines**
Disulfiram	*Continuation of treatment only*
Acamprosate	

Opioid dependence	**See Guidelines**
Nalmefene	*Continuation of treatment only*
Lofexidine	
Methadone	
Buprenorphine	*Mental Health advice or continuation of treatment only*
Naltrexone	*Mental Health advice or continuation of treatment only*

Nicotine Dependence
Nicotine patches, gum, mini lozenges, nasal spray, mouth spray 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)
Procaine Benzylpenicillin (unlicensed)

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)
Cefalexin
Cefotaxime intravenous treatment
Ceftazidime
Cefazolin

Ceftriaxone *meningitis contacts*
Cefuroxime *Consultant in Infectious Diseases or Microbiology*
Cefiderocol
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

Ceftolozane/Tazobactam *Consultant in Infectious Diseases or Microbiology*
Ceftazidime/Avibactam *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 AMINOGLYCOSIDES

Gentamicin
Netilmicin
Amikacin
Amikacin liposomal for nebuliser (Arikayce) — *Specialist use only*
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/Repsiratory CF*
Dalbavancin — *Consultant in Infectious Diseases/Microbiology*
Pristinamycin (Unlicensed) — *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
Rifabutin

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
Nystatin Pessary (unlicensed)
Fungizone® Amphotericin — *Haematology or Consultant Microbiologist/ID or ophthalmology*
AmBisome®Liposomal Amphotericin — *Haematology or Consultant Microbiologist/ID*
Abelcet®Lipid Complex Amphotericin — *Haematology or Consultant Microbiologist/ID*
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)
Remdesivir
Foscarnet
Maribavir — *As per NICE guidance (TA860) for Cytomegalovirus infection*

Letermovir *Renal consultants only for CMV prophylaxis (NHSE IFR required)*

HUMAN IMMUNODEFICIENCY VIRUS (HIV)
Nucleoside reverse transcriptase inhibitors (NRTIs)
Abacavir
Didanosine (not for initiation, just continuation until review)
Doravirine
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
Nevirapine Extended Release
Rilpivirine oral and prolonged release injection
Odefsey® (Rilpivirine/ Emtricitabine/ Tenofovir Alafenamide/)
Darunavir/Cobicistat (Rezolsta®)
Atazanavir/Cobicistat (Evotaz®)
Elviregravir/Cobicistat/Emtricitabine/Tenofovir Alafenamide (Genvoya®)
Bictegravir/Emtricitabine/Tenofovir
Dolutegravir/Lamivudine (Dovato®)
Dolutegravir/Rilpivirine (Juluca®)
Doravirine, Tenofivir DF, Lamivudine (Delstrigo®)

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
Cabotegravir oral and prolonged release injection (to be administered with rilpiravine as per NICE TA757)

Fixed dose combinations
STRIBILD®
TRIUMEQ®

Others

Maraviroc
Enfuviritide (T-20)
Cobicistat/ Tybost® (pharmacological booster alternative to ritonavir)
Fostemsavir

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

HEPATITIS D
All specialist indications
Treatment should be initiated as per NICE guidance/ NHSE commissioning policies.
Buleviritide

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***

Acute Falciparum Malaria
Artemether with lumefantine (Riamet®) *Consultant in Infectious Diseases*

Artesunate(unlicensed)
Primaquine (unlicensed)

5.4.8 Drugs for Pneumocystis Pneumonia
Co-trimoxazole (Acute Treatment and as prophylaxis)

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
Hypurin Porcine neutral
Humulin R

Insulin Lispro (Humalog)
Insulin Lispro (Lyumjev)
Insulin Aspart (*Novorapid,)*
Insulin Glulisine (Apidra)

6.1.1.2 Intermediate & Long Acting insulins

Human Insulatard
Insulin Isophane Human (Humulin I)
Hypurin Porcine Isophane
Insulin Detemir (Levemir)
Insulin Glargine (Lantus® 100units/ml & *Toujeo® 300units/ml*)
Insulin Degludec (Tresiba® 100units/ml & 200units/ml) Consultant Endocrinologist only

Biphasic Insulins

Hypurin Porcine 30/70
Insulin Isophane Human (Humulin M3)
Novomix 30

Biphasic Insulin Aspart

Insulin Lispro (Humalog Mix25)
Insulin Lispro (Humalog Mix 50)

6.1.2 Oral antidiabetic Drugs

6.1.2.1 Sulphonylureas

Gliclazide
Tolbutamide
Glibenclamide
Glimepiride

6.1.2.2 Biguanides

Metformin
Metformin SR tablets

6.1.2.3 Other Antidiabetics

Lixisenatide	*Specialist use only as per guidelines*
Exenatide MR – Bydureon®	*Specialist use only as per guidelines*
Liraglutide(Victoza®)	*Specialist use only as per guidelines*

Dulaglutide	*Specialist use only as per guidelines*
Semaglutide	*Specialist use only as per guidelines*
Nateglinide	
Pioglitazone	
Linagliptin	
Sitagliptin	
Saxagliptin	
Alogliptin	
Empagliflozin	
Dapagliflozin	
Canagliflozin	
Tirzepatide	*As per NICE TA924*

6.1.4 Treatment of Hypoglycaemia
40% Dextrose Gel (Glucoboost)
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	*Rheumatology*
Triamcinolone	*Rheumatology*
Hydrocortisone MR Capsules	

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

DROSPIRENONE WITH ETHINYLESTRADIOL PREPARATIONS

Yasmin®
Daylette®

OESTROGENS
Ethinylestradiol
Conjugated Oestrogens (Premarin®)
Estradiol
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
Dienogest

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

ANTI-ANDROGENS
Cyproterone
Finasteride *Urologists*
Dutasteride *Urologists*

6.5 HYPOTHALMIC & PITUITARY HORMONES & ANTI-OESTROGENS
6.5.1 Hypothalmic 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*

Somatrogon

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
Demeclocyclinesee 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
Alendronic Acid Effervescent ‘ only for patients who cannot take oral tablets’
Alendronate
Zoledronic acid injection (Zometa®)
Zoledronic acid infusion (Aclasta®) *Metabolic Bone/Rheumatology*
Ibandronic acid oral (Bondronat®) *Haematology/Oncology*
Ibandronic acid injection (Bonviva®) *Metabolic Bone/Endocrinology/Rheumatology/Oncology*
Denosumab (Prolia®) *Metabolic Bone/Endocrinology/Rheumatology/DME*
Denosumab (XGEVA®) *Oncology*
Romosozumab *Endocrinology*

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
Leuprorelin (Prostap)
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

7.1.1.1 Ductus Arteriosus
MAINTENANCE OF PATENCY
Alprostadil
Dinoprostone
CLOSURE OF DUCTUS
Indometacin
Ibuprofen I/V

7.1.2 Mifepristone ***SPECIALIST USE ONLY***
Mifepristone

7.1.3 Myometrial Relaxants
Atosiban

7.2 TREATMENT OF VAGINAL AND VULVAL CONDITIONS
7.2.1 Preparations for Vaginal Atrophy
Topical Oestrogens.
Estradiol Vaginal Tablets

7.2.2 Anti infective Drugs (Topical)
CANDIDIASIS
Clotrimazole Cream/Pessary
Miconazole

OTHER INFECTIONS
Clindamycin Vaginal Cream
Metronidazole Vaginal Cream

7.3 CONTRACEPTIVES

7.3.1.Combined Oral Contraceptives

LOW STRENGTH
Mercilon®
Nuvaring®
STANDARD STRENGTH
Femodene®
Femodene ED®
Microgynon ED®
Millinette®
Logynon®
Marvelon®
Trinovum®
Lucette®
Zoely® (Estradiol with Nomegestrol acetate) *On advisement of sexual health services only*
Evra Patches (Ethinylestradiol with Norelgestromin)

7.3.2.1 Oral Progestogen-only Contraceptives

Norethisterone
Desogestrel

7.3.2.2 Parenteral progestogen-only contraceptives

Medroxyprogesterone (Depo-provera®)
Medroxyprogesterone (SAYANA PRESS®) *On advisement of sexual health services only*
Etonogestrel Implant (Nexplanon®)

7.3.2.3 Intra-uterine progestogen-only contraceptive

Levonorgestrel 24 hour I.U.D. (Mirena®, Jaydess®, Levosert®,Kyleena®)

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® *On advisement of sexual health services only*
Levonorgestrel (Upostelle®)

7.4 DRUGS FOR GENITO-URINARY DISORDERS

7.4.1 Drugs for urinary retention

ALPHA-BLOCKERS
Terazosin
Alfuzosin
Tamsulosin

7.4.2 Drugs for urinary frequency and incontinence
URINARY INCONTINENCE
Oxybutynin Tablets
Oxybutynin XL
Tolterodine Urologist
Trospium Urologist
NOTE – Trospium S/R is non-formulary. Caution – daily dose is not same as plain tablets
Solifenacin
Duloxetine (e.g.Yentreve®) Obstetrics and Gynaecology
Oxybutynin Transdermal Patch (Kentera)
Oxybutynin Liquid
Fesoterodine Fumerate (Toviaz)
Mirabegron

7.4.3 Urological Pain
Potassium Citrate
Cystistat Bladder Wash
Pentosan (Elmiron®)

7.4.4 Bladder instillations
Chlorhexidine bladder washes
Solution-G bladder washes
Sodium Chloride 0.9% bladder washes

7.4.5 Drugs for Impotence
Sildenafil
Alprostadil (Muse®)
Alprostadil (Caverject®)
Alprostadil (Viridal®)
Alprostadil (Vitaros®)
Apomorphine (sublingual)
Papaverine
Vardenafil
Tadalafil

CHAPTER 8: MALIGNANT DISEASE AND IMMUNOSUPPRESION

8.1 CYTOTOXIC DRUGS

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

8.1.1 Alkylating Agents

Cyclophosphamide
Bendamustine
Busulfan
Carmustine
Chlorambucil
Estramustine
Ifosfamide
Lomustine
Melphalan
Thiotepa
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)
Epirubicin
Idarubicin
Mitomycin
Mitoxantrone

8.1.3 Antimetabolites

Mercaptopurine
Methotrexate
Avacopan *Use in line with NICE TA825*
Azacitidine (IV and oral)
Capecitabine
Cladribine
Cytarabine
Liposomal Cytarabine
Fludarabine
Fluorouracil
Gemcitabine
Pemetrexed *for treatment of mesothelioma*
Raltitrexed
Teysuno
Tegafur with Uracil *Available on chairs approval in accordance with TA 61*
Tioguanine (Thioguanine)

FOLINIC ACID RESCUE
Calcium Folinate
Disodium 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
Acalabrutinib Unlicensed
Afatinib Approved in line with NICE guidance
Alectinib Approved in line with NICE guidance
Alpelisib
Arsenic Trioxide
Asciminib
Atezolizumab
Avelumab
Axitinib
Azacytidine (Vidaza)
Amsacrine
Bevacizumab
Bexarotene PbR excluded. PCT treatment exemption panel approval required
Binimetinib
Blinatumomab Approved in line with NICE guidance
Bortezomib
Brentuximab Approved in line with NICE guidance
Brigatinib
Bosutinib
Cabazitaxel
Cabozantinib
Carboplatin
Carfilzomib in line with NICE
Cemiplimab
Ceritinib
Cetuximab
Cisplatin
Clofarabine
Chlormethine gel Approved in line with NICE guidance
Crizotinib Approved in line with NICE guidance
Crizanulizumab Approved in line with NICE guidance
Dabrafenib
Dacarbazine
Daratumumab
Dasatinib
Docetaxel
Dostarlimab Approved in line with NICE guidance
Durvalumab Approved in line with NICE guidance
Encorafenib
Entrectinib

Eribulin
Erlotinib
Everolimus *Approved in line with NICE guidance*
Gefitinib
Gemtuzumab *Approved in line with NICE guidance*
Gilteritinib
Hydroxycarbamide (Hydroxurea)
Ibrutinib
Idelalisib
Imatinib
Irinotecan
Ipilimumab
Isatuximab
Ivosidenib
Ixazomib
Lenvatinib *Approved in line with NICE guidance*
Midostaurin *In line with NICE*
Mitotane
Mogamulizumab
Momelotinib
Nelarabine
Neratinib
Nilotinib
Nintedanib(Vargatef®)for nsclc with docetaxel
Niraparib *In line with NICE*
Nivolumab *In line with NICE*
Nivolumab with relatlimab (Opdualag)
Obinutuzumab *In line with NICE guidane*
Olaratumab/Lartruvo
Oxaliplatin
Olaparib *In line with NICE*
Osimertinib
Paclitaxel
Palbociclib
Panitumumab
Panobinostat *In line with NICE TA380*
Pazopanib
Pegaspargase
Pembrolizumab *In line with NICE Tas*
Pemigatinib
Pentostatin
Pirotobrutinib
Polatuzumab vedotin
Pomalidomide
Procarbazine
Regorafenib (Stivarga) *In line with NICE guidance*
Ribociclib
Rucaparib *In line with NICE guidance*
Sacituzumab govitecan *In line with NICE guidance*
Selinexor *In line with NICE guidance*
Selpercatinib *In line with NICE*
Sorafenib
Sunitinib
Talazoparib *In line with NICE TA952*
Temozolamide

Tepotinib
Tivozanib
Topotecan
Trastuzumab
Trastuzumab deruxtecan
Trastuzumab emtansine
Tretinoin
Trabectedin *Use in line with NICE TA185 & Cancer Network Guidelines*
Trametinib
Trifluridine–tipiracil
Tucatinib Use in line with NICE guidance
Vandetanib
Venetoclax
Vemurafenib *Use in line with NICE TA269 & Cancer Network Guidelines*
Vismodegib
Zanubrutinib

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 *Specialist Use Only*
Rituximab *NHSE IFR required* *Relapsing idiopathic membranous glomerulonephritis (IMN)*
Ocrelizumab
Ofatumumab *Use in line with NICE*

Alemtuzumab *Haematologists, Oncologists & Neurologists*
Pertuzumab *Use in line with NICE*
Isatuximab *Use in line with NICE TAs*

Natalizumab
Mogamulizumab

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	
Belimumab	*Use in line with NICE TA752*
Estrasimod	*Use in line with NICE TA956*
Fingolimod	*Use in line with NICE*
Siponimod	*Use in line with NICE*
Ponesimod	*Use in line with NICE*
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*
Diroximel fumarate	*Use in line with NICE*

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
Anastrazole
Exemestane
Letrozole
Fulvestrant

8.3.4.2 Prostate Cancer
Abiraterone Acetate
Cyproterone
Enzalutamide
Flutamide
Goserelin
Bicalutamide
Darolutamide
Degarelix
Leuprorelin
Apalutamide *as per NICE TAs*

8.3.4.3 Somatostatin analogues

Octreotide
Lanreotide
Octreotide 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)

9.1.1.2 Parenteral Iron

Ferric derisomaltose (formerly Monofer)	
Iron dextran (Cosmofer®)	*Approved for Renal Medicine*
Iron (III) Isomaltoside (Diafer®)	*Approved for Renal Medicine*
Iron sucrose complex (Venofer®)	*IV infusion*

9.1.2 Drugs used in megaloblastic anaemias

Hydroxocobalamin
Cyanocobalamin (oral only – 50 microgram and 1mg tablets available)
Folic Acid

9.1.3 Drugs used in hypoplastic, haemolytic & renal anaemias

Darbepoetin Alfa	
Epoetin Alfa	
Epoetin Beta	
Roxadustat	*in line with NICE guidance*
Eculizumab	*in line with NICE Guidance HST1*
Ravulizumab	*in line with NICE Guidance (only when specialist centre recommends)*

IRON OVERLOAD
Desferrioxamine

9.1.4 Drugs used in platelet disorders

Anagrelide	*Haematology only*
Romiplostim	*Haematology only*
Eltrombopag	*Haematology only*
Fostamatinib	*Haematology only in line with TA759*
Avatrombopag	*Haematology only in line with TA853*

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 REMOVAL

Sodium Zirconium	As per NICE guidance
Patiromer	As per NICE guidance

Calcium resonium
Resonium A

9.2.1.2 Oral Sodium and Water
Sodium Chloride
ORAL REHYDRATION SALTS
Dioralyte
St Marks Electrolyte Powder (unlicensed)

9.2.1.3 Oral Bicarbonate
Sodium Bicarbonate

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

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

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

SODIUM BICARBONATE
Sodium Bicarbonate Various Strengths

All other fluids only available on specific requests

9.2.2.2 Plasma Substitutes
Gelatin (Volplex®)

Hydroxyethyl starch (Voluven®)

Albumin Solution *Contact Haematology Dept.*

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
Calvive

Calcichew
Calcium Syrup
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
Vitamin A Palmitate Injection (unlicensed)

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 1.5g (calcium 600mg) & colecalciferol 10 micrograms (Adcal – D3® chewable and dissolve)
Calcium carbonate 750mg (calcium 300mg) and colecalciferol 5 micrograms (Adcal-D3 caplets)
Calcium carbonate 2.5g (calcium 1000mg) & colecalciferol 22 micrograms (Accrete D3 Once a day Chewable)
Calcium Carbonate 1.25g (calcium 500mg) & colecalciferol 11micrograms (Cacit D3® granules)
Ergocalciferol
Paricalcitol
Colecalciferol

9.6.5 Vitamin E
Alpha Tocopheryl acetate
Vitamin E Suspension

9.6.6 Vitamin K
Phytomenadione

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

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®) — *For IV use only in Theatres*
Diclofenac with misoprostol
Indometacin
Ibuprofen gel 5%
Mefenamic acid
Ibuprofen IV

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	
Certolizumab Pegol	*Rheumatologists*
Infliximab	*Dermatology/Rheumatology/Gastroenterology*
Anakinra	*Rheumatologists*
Adalimumab	*Rheumatologist/Gastroenterologists/Dermatology*
Tocilizumab	*Rheumatology as per NICE guidance*
Golimumab	*Rheumatologists/Gatroenterologists*
Abatacept	*Rheumatologists*
Vedolizumab	*in line with NICE TA342*
Risankizumab	*in line with NICE*

Tofacinitib (Xelijanz)	*in line with NICE*
Baricitinib (Olumiant)	*In line with NICE TA466, TA681, TA982*
Ritlecitinib ((Litfulo)	*In line with NICE TA958*
Sarilumab	*In line with NICE TA485*
Filgotinib	*in line with NICE TA 676*
Upadacitinib	*in line with NICE TAs*

SULFASALAZINE
Sulfasalazine

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
Benzbromarone (Unlicensed)

10. 2 DRUGS USED IN NEUROMUSCULAR DISORDERS
10.2.1 Drugs which enhance neuromuscular transmission
ANTICHOLINESTERASES
Neostigmine
Pyridostigmine
3,4 Diaminopyridine (unlicensed)

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

Misc

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 (unlicensed)
Propamidine Eye Drops
Polyhexanide Eye Drops (unlicensed)
Gentamicin 1.5% Eye Drops (unlicensed)

11.3.2 Antifungals

Natamycin Eye Drops (unlicensed)
Voriconazole Eye Drops (unlicensed)

11.3.3 Antivirals

Aciclovir Eye Ointment
Ganciclovir Ophthalmic Gel
(Temporary addition to formulary during cyclovir 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 Opthalmic 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
Ketotifen Single Use Eye Drops
Olopatadine Eye Drops

11.5 MYDRIATICS AND CYCLOPLEGICS

ANTIMUSCARINICS
Cyclopentolate Eye Drops
Atropine Sulphate Eye Drops

Tropicamide Eye Drops
Homatropine Eye Drops (unlicensed)
SYMPATHOMIMETICS
Phenylephrine 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 Eye drops
Tafluprost PF Eye Drops

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

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

MIOTICS
Pilocarpine Eye Drops

11.6.6 Combination Preparations
Brinzolamide 10mg/ml & Brimonidine 2mg/ml

11.7 LOCAL ANAESTHETICS
Tetracaine (Amethocaine) Eye Drops
Oxybuprocaine Eye drops
Lidocaine (Lignocaine) with Fluorescein Eye Drops
Proxymetacaine Eye Drops
Tropicamide/Phenylephrine/Lidocaine (Mydrane®) Injection

11.8 MISCELLANEOUS OPTHALMIC PREPARATIONS
11.8.1 Tear Deficiency, Ocular Lubricants, and astringents
Hypromellose Eye Drops
Polyethylene Glycol 400 0.4%, propylene glycol 0.3%, hydroxypropyl guar (Systane®)

Carmellose Liquid Gel
Liquid Paraffin 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®)
Sodium Hyaluronate 0.2%/ Ectoin (Hylo Dual Intense) Specialist 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
18% Ethanol
Fluorescein Eye Drops
HydroxyPropylMethylCellulose Eye Drops
Ketorolac Optha Eye Drops
Acetylcholine (Miochol) Eye Drops
Potassium Ascorbate Eye Drops
Povidone Iodine 5% Minims – for peri-operative use
Sodium Hyaluronate pfs (1ml) and (0.5ml) & Greater Viscosity (0.55ml) pfs
Sodium hyaluronate + lidocaine (Visthesia®)
Verteporfin

Aflibercept (Eylea®)
Ocriplasmin (Jetrea®)
Ranibizumab (Lucentis®)
Brolucizumab (Beovu®)
Bevacizumab
Faricimab

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
Betamethasone Ear Drops
Dexamethasone with neomycin and glacial acetic acid as Otomize Ear Spray
Prednisolone Ear Drops
Framycetin as Sofradex® Ear Drops
Ciprofloxacin & Fluocinolone Cetraxal Plus®Ear Drops
Ofloxacin (eye drops)
Kenacomb Otic® Ear Ointment Unlicensed

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
Azelastine Nasal Spray

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

Combination Products
Azelastine/Fluticasone (Dymista®) Nasal Spray

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

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

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
Benzocaine Spray
Chlorhexidine Mouthwash
Gelclair® Oral Gel
Hydrogen Peroxide 1.5% Mouthwash
Caphosol

12.3.5 Treatment of Dry Mouth
Glandosane Solution
Thera-med 2 in 1 Liquid
Mucin oral spray (AS Saliva Orthana®)
Biotene Oral Balance® /Bioextra® Gel
Pilocarpine tablets

CHAPTER 13: SKIN

13.2 EMOLLIENTS AND BARRIER PREPARATIONS

13.2.1 Emollients

Emulsifying ointment
Aquamax ® (E45® Cream or Zerocream® substitute)
Zerobase® (Diprobase substitute)
Epaderm® Cream and
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
QV 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 *continuation only*

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*
Deucravacitinib *Dermatology*

13.5.2 Preparations for psoriasis

Alphosyl® Cream and Alphosyl HC
Balneum® with Tar Bath oil
Calcipotriol Cream and Ointment
Calcitriol Ointment
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%
Sebco® scalp application
Tazarotene Gel

<u>Coal Tar preparations</u>:
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%), Salicyclic acid (3%), Tween (1%), Ung Emuls Compound ointment to 100%*
  - *Coal tar (12%), Salicyclic acid (2%), Tween (1%), Ung Emuls Compound ointment to 100%*
  - *Coal tar (6%), Salicyclic acid (2%), Tween (1%), Ung Emuls Compound ointment to 100%*
  - *Coal tar (3%), Salicyclic acid (1%), Tween (1%), Ung Emuls Compound ointment to 100%*

<u>Dithranol preparations</u>:
Dithrocream® Cream

Dithranol Cream in lipid-stabilised basis (Micanol®)

ORAL RETINOIDS FOR PSORIASIS
Acitretin Capsule
Acitretin Suspension (Unlicensed)

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
Risankizumab *in line with NICE*
Infliximab *in line with NICE*
Ixekizumab (Talz) Pre filled Syringe/Pen *in line with NICE*
Ustekinumab *in line with NICE*
Secukinumab *Dermatology/Rheumatology*
Apremilast –for plaque psoriasis *in line with NICE TA419*
Dupilumab *in line with NICE*
Tildrakizumab *in line with NICE*
Certolizumab pegol *in line with NICE*
Bimekizumab *in line with NICE*
Upadacitinib *in line with NICE*
Tralokinumab *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 *(IFR Only)*
Ivermectin(Soolantra)

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

Anthelios SPF 50
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

13.10 ANTI-INFECTIVE SKIN PREPARATIONS

13.10.1.1 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:
http://www.dh.gov.uk/en/Publichealth/Healthprotection/Immunisation/Greenbook/DH_4097254

14.4 VACCINES AND ANTISERA

BCG Vaccine	
Diphtheria Tetanus Polio (Revaxis®)	
Diphtheria Tetanus Pertussis Polio (Infanrix IPV®)	
Diphtheria Tetanus Pertussis Polio Hepatitis B (Infanrix Hexa®)	
Haemophilus Influenzae Type b (Hib)	
Haemophilus Influenzae Type b (Hib) & Meningitis C (Menitorix®)	
Hepatitis A	
Hepatitis B	
Hepatitis A + B combination vaccine (Twinrix®)	
Influenza (Live attenuated)	
Influenza (Inactivated)	
Measles Mumps Rubella (MMR)	
Meningococcal (MenACWY)	
Meningitis B Vaccine	
Pneumococcal (PCV13 / PPV23)	
Rabies Vaccine	*for use as per public health recommendations*
Rotavirus Vaccine (Rotarix®)	
Uromune® Bacterial Vaccine	*Consultant in Infectious Diseases or Microbiology*
Varicella Vaccine (Varivax®)	
COVID-19 vaccines	as per national guidance

14.5 IMMUNOGLOBULINS

Normal Immunoglobulin (Brand dependent upon availability)

SPECIFIC IMMUNOGLOBULINS

Anti-human Thymocyte Immunoglobulin (Equine)	
Human Anti-tetanus Immunoglobulin	
Anti-D (Rho) immunoglobulin	*Obstetrics/Haematology*
Varicella Immunoglobulin	*for use as per public health recommendations*
Hepatitis B Immunoglobulin	*for use as per public health recommendations*

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
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
Ibuprofen injection see 10.1.1

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 *Haemodialysis only*
Tetracaine 4% (Ametop®) Topical Gel
Instillagel® Gel
Lidocaine (Lignocaine) Topical Spray
Lidocaine/Adrenaline/Tetracaine LAT Gel

BUPIVACAINE
Bupivacaine Injection
Levo-bupivacaine Injection.

PRILOCAINE
Prilocaine Injection
Hyperbaric Prilocaine Injection *Day Surgery* Only

ROPIVACAINE
Ropivacaine Injection and Epidural Infusion

Chloroprocaine

OTHER
Cocaine

APPENDIX 2: BORDERLINE SUBSTANCES

A2.1 Enteral Feeds

Nutrison Range
Nutrison Protein Intense
Nutrini Range
Infatrini

A2.2 Nutritional Supplements

Fortijuice
Fortisip
Fortisip 2Kcal
Fortisip Compact
Fortisip Compact Protein
Fortisip Compact Fibre
Forticreme
Fortisip Plant Based
Renilon
Fortini Range

A2.3 Specialised Formulas for Specific Clinical Conditions

Nutramigen 1 Powder
Nutriprem
Nutramigen LGG
Aptamil Pepti
Aptamil Pepti Junior
Aptamil Pepti Syneo
Prosource TF
Prosource Plus
Prosource Jelly
Elemental 028
Fresubin Thickened Level 2
Fresubin Yo
Nutilis Complete level 3 drink
Nutilis Complete level 4

A2.4 High Energy Supplements

Calogen
Calogen Extra
Protifar
Scandishake
Polycal
Duocal

A2.5 Feed additives

VSL#3 *For treatment of pouchitis*
Nutilis Clear®Powder

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/ Plastics only*
Flaminal Hydro	*Restricted to use by Radiotherapy/ Plastics only*
Cutimed Sorbact Gel	

Hydrocolloid
Duoderm
Aquacel Rope
Aquacel Extra Ribbon
Aquacel Extra Sheets
Aquacel Foam Sacral

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 Extra

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®Silver	*Tissue Viability Nurse/Vascular Nurse/Podiatry specialist*

Antimicrobials – Other
Revamil honey dressing

Low adherant dressings
Jelonet

Scar Treatment

Cica-care	*Restricted to use by dermatology/plastics only*
Dermatix	*Restricted to use by max fax/plastics only*

Larval therapy

Larvae	*Tissue Viability Nurse/Vascular Nurse/Podiatry specialist*

FORMULARY APPENDIX 1 – Products which are not currently listed in the BNF

Bone cements

Dibotermin alfa	*Spinal Surgery Only*

Fibrin sealants

Tisseel® fibrin sealant	
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-Taurolidine 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®)	
Indocyanine Green Dye	*Ophthalmology and Neurosurgery*
Sincalide (unlicensed)	

Medical Gases

Oxygen	
Medical air	
Compressed Air	
Nitrous oxide	
Nitric Oxide	
Entonox	
Heliox	
Carbon dioxide	
Helium	
Methoxyflurane	*Gyanecology*

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*
Oral Vac	*Consultant Immunologists Only*
Wasp Venom (unlicensed)	
Pure Fructose (Hydrogen Breath Test)	
Free Style Libre	
Invertase Syrup for genetic disaccharide enzyme deficiency	
5-Aminolevulonic Acid (Gliolan®) – in line with NICE Guidance	
Alcohol 18% Eye application	
Difelikefalin	*Renal physicians as per NICE guidance*

FORMULARY APPENDIX 2 – DRUGS RECOMMENDED IN NICE TA/NHSE COMMISSIONING POLICY WHICH ARE NOT IN FORMULARY

NICE TA	EXPLANATION
TA85 Renal Transplantation – Immunosuppressive Regimens (Adults)	Renal transplant operations are not performed by HUTH.
TA99 Renal Transplantation – Immunosuppressive Regimens for Children and Adolescents	Renal transplant operations are not performed by HUTH.
TA235 Osteosarcoma – Mifamurtide	Recommended for treatment in specified children, adolescents and young adults. This cohort of patients are referred to specialist provider.
TA305 Pixantrone Monotherapy for treating multiple relapsed or refractory aggressive non Hodgkins B-cell lymphoma	Available via chairs approval until submission received by D&T committee
TA378 Ramucirumab for treating advanced gastric cancer or gastro oesophageal junction adenocarcinoma previously treated with chemotherapy	Available via chairs approval until submission received by D&T committee
TA477 Autologous chondrocyte implantation for treating symptomatic articular cartilage defects of the knee	HUTH not a specialist centre
TA410 – Talimogene laherparepvec for treating unresectable metastatic melanoma	HUTH not a specialist centre
TA538 Dinutuximab beta for treating neuroblastoma	Recommended for treatment in specified children. This cohort of patients are referred to specialist provider, not used at HUTH
TA539 Lutetium (177Lu) oxodotreotide for treating unresectable or metastatic neuroendocrine tumours	Targeted radioisotope would not be used by HUTH
TA541 Inotuzumab ozogamicin for treating relapsed or refractory B-cell acute lymphoblastic leukaemia	Available via chairs approval until submission received by D&T committee
TA554 Tisagenlecleucel for treating relapsed or refractory B-cell acute lymphoblastic leukaemia in people aged up to25years	HUTH not a specialist centre
TA559 Axicabtagene ciloleucel for treating diffuse large B-cell lymphoma and primary mediastinal large B-cell lymphoma after 2 or more systemic therapies	HUTH not a specialist centre
TA567 Tisagenlecleucel for treating relapsed or refractory diffuse large B-cell lymphoma after 2 or more systemic therapies	HUTH not a specialist centre
TA572 Ertugliflozin as monotherapy or with metformin for treating type 2 diabetes	Available via chairs approval until submission received by D&T committee
TA577 Brentuximab vedotin for treating CD30 positive cutaneous T-cell lymphoma.	HUTH not a specialist centre
TA583 Ertugliflozin with metformin and a dipeptidyl peptidase-4 inhibitor for treating type 2 diabetes	Available via chairs approval until submission received by D&T committee
TA588 Nusinersen for treating spinal muscular	HUTH not a specialist centre

atrophy	
TA 595 Dacomitinib for untreated EGFR mutation positive non small cell lung cancer	Available via chairs approval until submission received by D&T committee
TA622 Sotagliflozin with insulin for treating type 1 diabetes	Available via chairs approval until submission received by D&T committee
TA630 Larotrectinib for treating NTRK fusion-positive solid tumours	Available via chairs approval until submission received by D&T committee
TA651 Naldemedine for treating opioid-induced constipation	Available via chairs approval until submission received by D&T committee
TA984 Tafamidis Heart Failure Service	Available via chairs approval only
TA 729 Sapropterin for treating hyperphenylalaninaemia in phenylketonuria	HUTH is not a specialist centre
HST16 Givosiran for treating acute hepatic porphyria	HUTH is not a specialist centre Specialist centre is Leeds
TA756 Fedratinib for treating disease-related splenomegaly or symptoms in myelofibrosis	Available via chairs approval until submission received by D&T committee
TA754 Mogamulizumab for previously treated mycosis fungoides and Sézary syndrome	Available via chairs approval until submission received by D&T committee
TA755 Risdiplam for treating spinal muscular atrophy	HUTH not specialist centre Adults – Sheffield Teaching Hospital Children – Leeds Teaching Hospitals or Sheffield Childrens Hospitals
HST17 Odevixibat for treating progressive familial intrahepatic cholestasis	HUTH not specialist centre Leeds Teaching Hospitals
HST19 Elosulfase alfa for treating mucopolysaccharidosis type 4A	HUTH not specialist centre
HST20 Selumetinib for treating symptomatic and inoperable plexiform neurofibromas associated with type 1 neurofibromatosis in children aged 3 and over	HUTH not a specialist centre Leeds Children's Hospitals Sheffield Children's Hospitals NHS Trust
TA758 Solriamfetol for treating excessive daytime sleepiness caused by narcolepsy	Available via chairs approval until submission received by D&T committee
TA769 Palforzia for treating peanut allergy in children and Young people	Available via chairs approval until submission received by D&T committee. HUTH is not a paediatric immunology centre – Sheffield Children's Hospital and Leeds Teaching Hospitals
TA778 Pegcetacoplan for treating paroxysmal nocturnal haemoglobinuria	HUTH not a specialist centre Specialist centre is at Newcastle
HST21 Setmelanotide for treating obesity caused by LEPR or POMC deficiency	HUTH not a specialist centre Cambridge is specialist cenre
TA781 Sotorasib for previously treated KRAS G12C mutation positive advanced non-small-cell lung cancer	Available via chairs approval until submission received by D&T committee
TA809 Imlifidase for desensitisation treatment before kidney transplant in people with chronic blood disease	HUTH is not a specialist centre Leeds Teaching Hospitals are specialist centre
TA814 Abrocitinib, tralokinumab or upadacitinib for treating moderate to severe atopic dermatitis	Abrocitinib – via chairs approval until submission received by D&T committee
TA821 Avalglucosidase alfa for treating Pompe	HUTH not a specialist centre

disease	**Adult:** University College London Hospitals NHS FT University Hospitals Birmingham NHS FT Northern Care Alliance NHS FT Cambridge University Hospitals NHS FT The Royal Free London NHS FT **Paediatric:** Birmingham Women and Children Hospitals NHS FT Great Ormond St Hospital NHS FT Manchester University NHS Foundation Trust
TA832 Relugolix–estradiol–norethisterone acetate for treating moderate to severe symptoms of uterine fibroids	Available via chairs approval until submission received by D&T committee
TA868 Vutrisiran for treating hereditary transthyretin-related amyloidosis	HUTH not a specialist centre
HST22 Ataluren for treating Duchenne muscular dystrophy with a nonsense mutation in the dystrophin gene	HUTH not a specialist centre
TA872 Axicabtagene ciloleucel for treating diffuse large B-cell lymphoma and primary mediastinal large B-cell lymphoma after 2 or more systemic therapies	HUTH not a specialist centre
HST23 Asfotase alfa for treating paediatric-onset hypophosphatasia	HUTH not a specialist centre
HST24 Onasemnogene abeparvovec for treating presymptomatic spinal muscular atrophy	HUTH not a specialist centre
HST25 Lumasiran for treating primary hyperoxaluria type 1	HUTH not a specialist centre
HST26 Eladocagene exuparvovec for treating aromatic L-amino acid decarboxylase deficiency	HUTH not a specialist centre
HST15 Onasemnogene abeparvovec for treating spinal muscular atrophy	HUTH not a specialist centre
TA893 Brexucabtagene autoleucel for treating relapsed or refractory B-cell acute lymphoblastic leukaemia in people 26 years and over	HUTH not a specialist centre
TA895 Axicabtagene ciloleucel for treating relapsed or refractory diffuse large B-cell lymphoma after first-line chemoimmunotherapy	HUTH not a specialist centre
TA912 Cipaglucosidase alfa with miglustat for treating late-onset Pompe disease	HUTH not a specialist centre
TA915 Pegunigalsidase alfa for treating Fabry disease	HUTH not a specialist centre
TA975 - Tisagenlecleucel for treating relapsed or refractory B-cell acute lymphoblastic leukaemia in people 25 years and under	HUTH not a specialist centre
TA981 – Voxelotor for treating haemolytic anaemia caused by sickle cell disease	Available via chairs approval until submission received by D&T committee
TA984 – Tafamidis for treating transthyretin amyloidosis with cardiomyopathy	Available via chairs approval only
TA986 – Lebrikizumab for treating moderate to severe	Available via chairs approval until submission

atopic dermatitis in people 12 years and over	received by D&T committee
TA987 – Lisocabtagene maraleucel for treating relapsed or refractory aggressive B-cell non-Hodgkin lymphoma (terminated appraisal)	Available via chairs approval until submission received by D&T committee
TA989 – Etranacogene dezaparvovec for treating moderately severe or severe haemophilia B	Available via chairs approval until submission received by D&T committee
TA991 – Abaloparatide for treating osteoporosis after menopause	Available via chairs approval until submission received by D&T committee
TA993 – Burosumab for treating X-linked hypophosphataemia in adults	Available via chairs approval until submission received by D&T committee
TA995 – Relugolix for treating hormone-sensitive prostate cancer	Available via chairs approval until submission received by D&T committee
TA996 – Linzagolix for treating moderate to severe symptoms of uterine fibroids	Available via chairs approval until submission received by D&T committee