

# DRUG FORMULARY

*Updated after HEY Drug and Therapeutics Committee meeting Of September 2013*

This formulary is used and maintained by **Hull and East Yorkshire Hospitals NHS Trust**.

It is also used as a formulary by **Humber Foundation NHS Trust (HFT)** 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 currently in development*

## **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

Other agents are listed elsewhere in the formulary.

## CHAPTER 1: GASTRO-INTESTINAL DRUGS

### 1.1 ANTACIDS

*Sodium Citrate* *Maternity*

#### 1.1.1 Aluminium and Magnesium containing Magnesium Trisilicate

Aluminium Hydroxide  
Maalox<sup>®</sup>  
*Mucaine*<sup>®</sup> *Radiotherapy*  
*Simeticone Infacol*<sup>®</sup>

#### 1.1.2 Sodium Bicarbonate

Sodium Bicarbonate

#### 1.1.3 Other drugs for dyspepsia and GORD.

##### **Gaviscon Advance**<sup>®</sup>

Gaviscon Infant<sup>®</sup>

### 1.2 ANTISPASMODICS

#### ANTIMUSCARINICS

Hyoscine butylbromide  
Alverine Citrate  
*Propantheline* *Gastroenterology*

#### OTHER

Mebeverine  
Peppermint oil  
Peppermint water

#### MOTILITY STIMULANTS

Metoclopramide/Domperidone - see 4.6

### 1.3 ULCER HEALING DRUGS

#### 1.3.1 H<sub>2</sub> 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*

*Paediatrics*

## **1.4 ANTIDIARRHOEAL DRUGS**

### **1.4.2 Antimotility drugs**

#### **Loperamide**

Codeine phosphate

**NOT** for under 12 years old or breastfeeding mothers

## **1.5 TREATMENT OF CHRONIC DIARRHOEA**

### **AMINOSALICYLATES**

Mesalazine \* **Remember to clarify the brand of SR products** \*

Sulfasalazine

*Balsalazide*

*Olsalazine*

*Gastroenterology*

*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*

*Co-danthramer 75/1000*

*Manevac<sup>®</sup>*

*Palliative Care*

*Palliative Care*

*Maternity Unit*

### **1.6.3 Faecal Softeners**

Arachis Oil retention enemas

### **1.6.4 Osmotic**

Phosphate enemas

Relaxit<sup>®</sup> enemas

Magnesium Sulphate

Macrogol sachets (e.g. Laxido<sup>®</sup>, Movicol<sup>®</sup>)

Movicol Liquid

Lactulose solution

### **1.6.5 Bowel Cleansing Solutions**

Fleet-Phospho Soda<sup>®</sup> oral solution

Klean-Prep<sup>®</sup> powder

Moviprep<sup>®</sup>

Picolax<sup>®</sup>

### **1.6.6 Peripheral Opioid-receptor Antagonists**

*Methylnaltrexone bromide injection*

*Palliative Care Consultant*

### **1.6.7 5HT<sub>4</sub> 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<sup>®</sup>**

### **1.7.2 Compound**

Anusol HC<sup>®</sup>

Proctosedyl<sup>®</sup>

### **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*

### **1.9.4 Pancreatin**

*Creon 10 000 capsules*

*Creon 25 000 capsules*

*Creon 40 000 capsules*

*Pancrease capsules*

*Cystic Fibrosis,  
Gastroenterology  
Gastroenterology  
& GI surgery*

*Pancreolauryl Test Capsules*

*Gastroenterology*

## CHAPTER 2: CARDIOVASCULAR SYSTEM

### 2.1 POSITIVE INOTROPIC DRUGS

#### 2.1.1 Cardiac Glycosides

##### **Digoxin**

Digibind® (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

#### 2.2.2 Loop

**Furosemide (Frusemide)**

Bumetanide

#### 2.2.3 Potassium sparing

Amiloride

Spirolactone

Heart failure, ascites

*Eplerenone*

*Cardiology*

#### 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*  
*Dronedarone*

*Cardiology*  
*Cardiology*

## **2.4 BETA-ADRENOCEPTOR BLOCKING DRUGS**

Timolol  
Atenolol  
Carvedilol  
Nebivolol  
*Bisoprolol*  
*Esmolol*  
*Labetalol*  
*Metoprolol*  
*Propranolol*

Post MI  
Hypertension  
Heart Failure  
Heart Failure in patients 70years or older

*Cardiology/Theatres*

### **2.5.2 Centrally acting**

*Clonidine*  
*Methyldopa*  
*Moxonidine*

## **2.5 ANTIHYPERTENSIVE AGENTS**

### **2.5.1 Vasodilator**

*Diazoxide*  
*Hydralazine*  
*Sodium Nitroprusside*  
*Minoxidil*  
*Bosentan*

*Pulmonary hypertension/Digital  
Ulceration in scleroderma/Raynauds  
Cardiologists only*

*Ambrisentan*  
*Epoprostenol*  
*Epoprostenol(Veletri)*

*Pulmonary Hypertension Only*

### **2.5.4 Alpha blockers**

#### **Doxazosin**

PHAEOCHROMOCYTOMA  
*Phenoxybenzamine*  
*Phentolamine injection*

### **2.5.5.1 ACE inhibitors**

Lisinopril  
Perindopril  
Ramipril  
*Captopril*

### **2.5.5.2 Angiotensin II receptor antagonists**

#### **Valsartan**

Candesartan  
Losartan

### **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

*Nifedipine*

*Nimodipine*

*Neurosurgery*

*Felodipine*

*For continuation of GP initiated treatment*

### 2.6.3 Potassium channel activators

Nicorandil

*Ivabradine*

*Ranolazine*

*“Amber” Cardiology Only*

*Cardiologist Initiation Only*

### 2.6.4 Peripheral vasodilators

Naftidrofuryl

*Pentoxifylline*

*Immunology*

## 2.7 SYMPATHOMIMETICS

### 2.7.1 Inotropic sympathomimetics

*Dobutamine*

*Dopamine*

*Dopexamine*

*Isoprenaline*

### 2.7.2 Vasoconstrictor sympathomimetics

*Adrenaline*

*Metaraminol*

*Noradrenaline*

*Phenylephrine Injection*

*Ephedrine Injection*

## 2.8 ANTICOAGULANTS

### 2.8.1 Parenteral anticoagulants

LOW MOLECULAR WEIGHT HEPARINS

**Dalteparin**                      **For PE treatment, DVT treatment and prophylaxis**

*Fondaparinux*

*Tinzaparin*

*Use in Haemodialysis Unit only*

HEPARINS

Heparin Sodium

Heparin Sodium in NaCl 0.9%

Heparin (Pump-Hep®)

#### HEPARINOIDS

*Danaparoid*

*Bivalirudin*

*Haematologists*

*Epoprostenol*

*Lepirudin*

*Haematologists*

#### 2.8.2 Oral anticoagulants

##### **Warfarin**

*Acenocoumarol*

*Phenindione*

*Dabigatran*

*Rivaroxaban*

*Apixaban*

*Continuation of treatment only*

*Anticoagulant Clinic*

*Orthopaedics / Cardiology/Stroke Physicians*

*Available on chairs approvals for patients meeting NICE TA 245, TA275 who are unable to have the trust preferred options*

#### 2.8.3 Protamine sulphate

Protamine sulphate

#### 2.9 ANTIPLATELET DRUGS

Aspirin

Clopidogrel

*Prasugrel*

Dipyridamole

*Ticagrelor*

*Specialist Use ONLY*

*Specialist Use ONLY*

*Abciximab*

*Eptifibatide*

*Cardiology*

*Cardiology*

#### 2.10.2 FIBRINOLYTIC DRUGS

***Alteplase***

Tenecteplase

*Urokinase*

*Nephrology*

#### 2.11 ANTIFIBRINOLYTIC DRUGS AND HAEMOSTATIC AGENTS

Tranexamic Acid

*Aprotinin*

*Etamsylate (Ethamsylate)*

*Theatres*

*Obstetrics & Gynaecology*

*Drotrecogin alfa (activated)*

*following protocol*

#### BLOOD PRODUCTS

Haematology Department

#### 2.12 LIPID LOWERING DRUGS.

##### ANION EXCHANGE

*Colestyramine (Questran®)*

*Colesevelam (Cholestigel®)*

*Lipid Specialist*

*Lipid Specialist*



**CLOFIBRATE GROUP**

*Fenofibrate*

*Gemfibrozil*

*Bezafibrate SR as Bezalip® Mono*

*Lipid Specialist*

**FISH OILS**

*Omega-3-acid ethyl esters (Omacor®)*

*Lipid Specialist & Continuation of treatment only*

**STATINS**

*Pravastatin*

*Simvastatin*

*Atorvastatin*

*Rosuvastatin*

*Ezetimibe*

*Lipid Specialist*

*Lipid Specialist*

**2.13 LOCAL SCLEROSANTS**

*Ethanolamine Oleate*

*Sodium TetraDecyl Sulphate*

*Polidocanol (Scleroven)®*

*Surgery*

*Surgery*

*Surgery*

## CHAPTER 3: RESPIRATORY SYSTEM

### 3.1 BRONCHODILATORS

#### 3.1.1.1 Selective $\beta_2$ 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<sup>®</sup>)*

#### 3.1.2 Antimuscarinic bronchodilators

Ipratropium

*Tiotropium*

*Respiratory Specialist*

*Aclidinium*

*Respiratory Specialist*

#### 3.1.3 Theophylline

**\* Remember to clarify the brand of SR products \***

Aminophylline

Theophylline

#### 3.1.4 Compound Bronchodilator Preparations

Combivent

### 3.2 CORTICOSTEROIDS

#### Beclometasone (Beclomethasone)

**Clenil Modulite<sup>®</sup> (First line in children) Prescribe by brand**

**Qvar<sup>®</sup> (First line in adults) Prescribe by brand**

Budesonide

*Fluticasone*

*Respiratory Specialist*

*Ciclesonide*

*Respiratory Specialist*

Combination

*Fostair<sup>®</sup>*

*Respiratory Specialist*

*Seretide<sup>®</sup>*

*Respiratory Specialist*

*Symbicort<sup>®</sup>*

*Respiratory Specialist*

*Flutiform<sup>®</sup>*

*Respiratory Specialist*

### 3.3 CROMOGLICATE AND RELATED THERAPY

*Nedocromil*

*Respiratory Specialist*

*Sodium Cromoglicate(Sodium Cromoglycate)*

*Respiratory Specialist*

### 3.3.2 Leukotriene receptor antagonists

Montelukast

Respiratory Specialist/Paediatrician

## PHOSPHODIESTERASE TYPE 4 INHIBITORS

3.3.3 Roflumilast      Respiratory medicine for existing patients only in line with NICE TA244

## 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      (Not recommended in children aged 6 to 11 years as per NICE TA201)

Grass and tree pollen extracts - Grazax®

Immunology only

Pharmalgen®

### 3.4.3 Allergic emergencies

Adrenaline

EpiPen

Icatibant

C1 Esterase Inhibitor (Berinert®)

Immunology only

Immunology only

## 3.5 RESPIRATORY STIMULANTS

### 3.5.1 Respiratory Stimulants

Doxapram

### 3.5.2 Pulmonary Surfactants

Poractant alfa

## 3.7 MUCOLYTICS

Dornase alfa

Carbocysteine

Erdosteine

Mannitol Dry Powder

Respiratory Physicians

via chairs approval when supported  
by safe and clinically effective  
practice

Ivacaftor (Kalydeco®)

## 3.8 INHALATIONS

No recommendations

## 3.9 ANTITUSSIVES

### 3.9.1 Cough Suppressants

## **Pholcodine linctus**

*Dextromethorphan*

### **3.9.2 Expectorant & Demulcent Preparations**

Simple linctus

## CHAPTER 4: CENTRAL NERVOUS SYSTEM

Many drugs in chapter 4 are initiated on advice of Mental Health specialists (e.g. HFT) 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	
Loprazolam	<i>Continuation of GP initiated treatment only</i>
Lormetazepam	<i>Continuation of GP initiated treatment only</i>
Zaleplon	<i>Continuation of GP initiated treatment only</i>
Zolpidem	<i>Continuation of GP initiated treatment only</i>
Zopiclone	

Chloral Hydrate	<i>Paediatrics</i>
Clomethiazole ( <i>Chlormethiazole</i> )	<i>2<sup>nd</sup> line - alcohol dependence</i>
Melatonin	<i>Paediatrics, Neurology &amp; Electrophysiology (EGG)</i>

***These agents will not normally be supplied on discharge***

#### 4.1.2 Anxiolytics

Buspirone hydrochloride	<i>Mental Health advice or Continuation of treatment only</i>
Chlordiazepoxide	<i>1<sup>st</sup> line alcohol dependence</i>
Diazepam	
Lorazepam	<i>Premedication</i>

#### 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	<i>Mental Health advice or Continuation of treatment only</i>
Aripiprazole	<i>Mental Health advice or Continuation of treatment only</i>
Chlorpromazine	
Flupentixol	<i>Mental Health advice or Continuation of treatment only</i>
Haloperidol	
Olanzapine	<i>Mental Health advice or Continuation of treatment only</i>
Risperidone (oral)	<i>Psychogeriatrician or Mental Health advice / continuation</i>
Quetiapine	<i>Neurologists or Mental Health advice / continuation</i>
Paliperidone	<i>Mental Health advice or Continuation of treatment only</i>
Clozapine	<i>Mental Health advice or Continuation of treatment only</i>

*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\****

### 4.2.3 Antimanic Drugs

#### Specify brand of product\*

*Lithium Carbonate (Priadel<sup>®</sup>)*

*Lithium Carbonate (Camcolit<sup>®</sup>)*

*Lithium Citrate (Priadel<sup>®</sup> Liquid)*

Carbamazepine see section 4.8.1

Valproic acid (as semisodium valproate) (e.g. Depakote<sup>®</sup>)

### 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 and Urology*

*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*

#### 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

Sertraline

Venlafaxine

Citalopram

Escitalopram

Consultant only

#### 4.3.4

Duloxetine (Cymbalta<sup>®</sup>)

*Endocrinology/Neurology & Pain Team Use*

*Mirtazapine*

*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  
Levomepromazine (Methotrimeprazine) see 4.2.1  
Prochlorperazine  
Domperidone  
Metoclopramide

5-HT<sub>3</sub> ANTAGONISTS  
*Ondansetron*

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  
Dihydrocodeine  
Tramadol

**NOT** for under 12 years old or breastfeeding mothers

##### **STRONG OPIOIDS**

Dextromoramide  
Diamorphine  
Fentanyl patches  
*Fentanyl patches (chronic non cancer pain)*  
*Fentanyl buccal tablets (Effentora®)*  
Meptazinol  
Morphine  
Pethidine  
*Buprenorphine*  
*Buprenorphine Patches*  
*Fentanyl oral*  
*Oxycodone*

*2<sup>nd</sup> line after oral morphine failure*  
*Palliative Care Only*

*Sublingual*  
*Initiation by palliative care/Renal/pain specialists*

##### **4.7.3 Neuropathic pain**

Carbamazepine  
Amitriptyline  
Sodium Valproate

Gabapentin  
*Pregabalin*  
*Ketamine oral solution*

*Nabilone*

*Pain Team*  
*Pain Team – Consultant use only,*  
*for chronic neuropathic pain*  
*Pain Team – Consultant use only,*  
*for chronic neuropathic pain*

#### **4.7.4 Antimigraine Drugs**

##### **4.7.4.1 Treatment of Acute Migraine Attack**

Aspirin  
Paracetamol  
Metoclopramide  
Sumatriptan  
Frovatriptan

##### **4.7.4.2 Prophylaxis of Migraine**

Propranolol  
Pizotifen  
*Methysergide*  
*Botulinum Toxin Type A*

*Neurology*  
*As per TA260*

#### **4.8 ANTI-EPILEPTICS**

##### **4.8.1 Control of Epilepsy**

Phenytoin  
Sodium valproate (including S/R e.g. Epilim Chrono®)  
Carbamazepine  
*Phenobarbital*  
*Clonazepam*  
*Clobazam*  
*Gabapentin*  
*Lamotrigine*  
*Levetiracetam*  
*Lacosamide*  
*Oxcarbazepine*  
*Perampanel*  
*Pregabalin (for epilepsy)*  
*Primidone*  
*Rufinamide*  
*Tiagabine*  
*Topiramate*  
*Vigabatrin*  
*Zonisamide*  
*Stiripentol*  
*Retigabine*  
*Eslicarbazepine*  
*Ethosuximide*

*Neurologist only*

*Initiation by consultant only*

*Treatment exemption panel approved only*

*Paediatric Neurologist only*

*Neurologist only*

*Neurologist only*

##### **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  
Ropinirole  
Ropinrole SR  
Selegiline  
Entacapone  
Rasagiline  
Levodopa + carbidopa + entacapone (Stalevo®)  
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  
Botulinum B Toxin  
Tetrabenazine  
Piracetam  
Riluzole

#### **4.10 DRUGS USED IN SUBSTANCE DEPENDENCE**

**Alcohol dependence**                      **See Guidelines**

**Opioid dependence**                      **See Guidelines**

Acamprosate

Lofexidine

Methadone

Buprenorphine

Naltrexone

*Mental Health advice or 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)*



#### **5.1.4 AMINOGLYCOSIDES**

##### **Gentamicin**

*Netilmicin*

*Amikacin*

*Tobramycin*

*Tobramycin nebuliser solution*

*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*

*Vancomycin*

*Daptomycin*

*Fidaxomicin*

*Rifaximin*

*Consultant in Infectious Diseases or Microbiology*

*Consultant in Infectious Diseases or Microbiology  
In line with SMC guidance recurrent C.Difficile only*

#### **5.1.8 SULPHONAMIDES AND TRIMETHOPRIM**

##### **Trimethoprim**

*Co-trimoxazole*

#### **5.1.9 ANTITUBERCULOUS DRUGS**

*Specialist recommendation - See BNF for appropriate drugs*

#### **5.1.10 ANTILEPROTIC DRUGS**

*Specialist recommendation - See BNF for appropriate drugs*

#### **5.1.11 METRONIDAZOLE**

##### **Metronidazole**

#### **5.1.12 QUINOLONES**

##### **Ciprofloxacin**

*Ofloxacin*

*Moxifloxacin*

*Sexual Health Medicine/Respiratory Medicine  
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/topical**

*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*

*Terbinafine*

*Dermatology*

*Voriconazole*

Clotrimazole Preparations see Section 7.2.2 and 13.10.2

### 5.3 ANTIVIRAL DRUGS

#### **Aciclovir**

Valaciclovir

*Famciclovir*

*Sexual Health Medicine*

### HUMAN IMMUNODEFICIENCY VIRUS

#### **NRTI**

*Didanosine*

*All Specialist Indications*

*Atripla<sup>®</sup>*

*Abacavir*

*Emtricitabine*

*Lamivudine*

*Stavudine*

*Zalcitabine*

*Zidovudine*

*Combivir<sup>®</sup>*

*Tenofovir disoproxil*

*Kivexa<sup>®</sup>*

*Truvada<sup>®</sup>*

#### **PI**

*Amprenavir*

*Atazanavir*

*Indinavir*

*Nelfinavir*

*Ritonavir*

*Saquinavir*

*Tipranavir*

*Darunavir*

## NNRTI

*Efavirenz*

*Etravirine*

*Nevirapine*

*Adefovir dipivoxil*

*Enfuvirtide*

*Maraviroc*

*Raltegravir*

*Foscarnet*

*Ganciclovir*

*Valganciclovir*

*Oseltamivir*

*Prophylaxis during Influenza A outbreaks*

*Zanamivir*

*Palivizumab*

*Ribavirin*

*Boceprevir*

*Entecavir*

*Telaprevir*

*Rilpivirine*

## 5.4 ANTIPROTOZOAL DRUGS

*Specialist recommendation - See BNF for appropriate drugs – includes **tinidazole***

*Artemether with lumefantine (Riamet<sup>®</sup>)    Consultant in Infectious Diseases*

## 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

Human Actrapid

Humulin S

Pork Actrapid

*Humulin R*

Insulin Lispro

Insulin Aspart

Insulin Glulisine

Insuman rapid

#### 6.1.1.2 Intermediate & Long Acting insulins

Human Insulatard

Humulin I

Porcine Insulatard

Human Monotard

Human Ultratard

Insuman Basal

Insulin Glargine

### Biphasic Insulins

Pork Mixtard 30

Human Mixtard 30, 50

Humulin M3, M5

Biphasic Insulin Aspart

Humalog Mix25

Humalog Mix 50

Insuman Comb

Insulin Detemir

### 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®)*

*Nateglinide*

*Specialist use only as per guidelines*

*Specialist use only as per guidelines*

*Specialist use only as per guidelines*

*Pioglitazone*  
*Pioglitazone/metformin (Competact®)*  
*Sitagliptin*  
*Saxagliptin*  
*Dapagliflozin*

#### **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* *Rheumatology*  
*Triamcinolone* *Rheumatology*

### **6.4 SEX HORMONES**

#### **6.4.1 Female sex hormones**

##### **OESTROGEN + PROGESTOGEN PREPARATIONS**

*Prempak C®*  
*Nuvelle®*  
*Kliofem®*  
*Kliovance®*  
*Premique Cycle®*  
*Femseven Conti®*

##### **OESTROGENS**

*Ethinylestradiol*  
*Conjugated Oestrogens (Premarin®)*  
*Estradiol*  
*Estradiol hemihydrate (Aerodiol®)*  
*Estradiol Valerate (Progynova®)*  
*Estradiol (Estraderm MX®)*



(or Evorel Matrix®)

*Tibolone*

RALOXIFENE

*Raloxifene*

#### **6.4.1.2 Progestogens**

*Dydrogesterone*

*Medroxyprogesterone*

*Norethisterone*

*Progesterone*

#### **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*

#### **6.5.2 Posterior Pituitary Hormones & Antagonists**

Argipressin (Synthetic Vasopressin)

Desmopressin

Terlipressin Acetate  
Tolvaptan

*Restricted to Consultant Endocrinologists/Consultant Oncologists*

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*

*Etidronate & Calcium combination pack*

*Alendronate*

*Rheumatologist*

*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*

*Denosumab (Prolia®)*

*Metabolic Bone/Endocrinology/Rheumatology*

*Denosumab (XGEVA®)*

*Oncology*

*Strontium ranelate*

*Rheumatologists*

## **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)*

# 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®

Vagifem®

### 7.2.2 Anti infective Drugs (Topical)

CANDIDIASIS

**Clotrimazole**

**Cream/Pessary**

Miconazole

OTHER INFECTIONS

Acetic acid 0.92% Vaginal jelly

Clindamycin Vaginal Cream

Metronidazole Vaginal Cream

Nystatin Vaginal Cream

## **7.3 CONTRACEPTIVES**

### **7.3.1. Combined Oral Contraceptives**

#### LOW STRENGTH

Mercilon<sup>®</sup>

Nuvaring<sup>®</sup>

#### STANDARD STRENGTH

Cilest<sup>®</sup>

Femodene<sup>®</sup>

Logynon<sup>®</sup>

Marvelon<sup>®</sup>

Minulet<sup>®</sup>

Ovranette<sup>®</sup>/Microgynon 30<sup>®</sup>

Eugynon 30<sup>®</sup>

Trinovum<sup>®</sup>

Yasmin<sup>®</sup>

Zoely<sup>®</sup>

#### EMERGENCY CONTRACEPTION

Levonelle-2<sup>®</sup>

### **7.3.2.1 Oral Progestogen-only Contraceptives**

Norethisterone

Norgestrel

### **7.3.2.2 Parenteral progestogen-only contraceptives**

Medroxyprogesterone (Depo-provera<sup>®</sup>)

### **7.3.2.3 Intra-uterine progestogen-only contraceptive**

Levonorgestrel 24 hour I.U.D. (Mirena<sup>®</sup>)

Etonogestrel Implant (Implanon<sup>®</sup>)

### **7.3.4. Intrauterine Contraceptive Devices**

GyneFix<sup>®</sup>

Multiload Cu250 Short<sup>®</sup>

Nova T 380<sup>®</sup>

## **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*

*Solifenacin*

*Duloxetine (e.g. Yentreve<sup>®</sup>)*

*Oxybutynin Transdermal Patch (Kentera)*

*Oxybutynin Liquid*

*Fesoterodine Fumerate (Toviaz)*

*Mirabegron*

*Urologist*

*Urologist*

*Urologists*

*Obstetrics and Gynaecology*

*Paediatrics Only*

#### **7.4.3 Urological Pain**

#### **Potassium Citrate**

*Cystistat Bladder Wash*

#### **7.4.4 Bladder instillations**

Chlorhexidine bladder washes

Solution-G bladder washes

Sodium Chloride 0.9% bladder washes

Solution-R bladder washes

#### **7.4.5 Drugs for Impotence**

Sildenafil

*Alprostadil (Muse<sup>®</sup>)*

*Alprostadil (Caverject<sup>®</sup>)*

*Alprostadil (Viridal<sup>®</sup>)*

*Apomorphine (sublingual)*

*Papaverine*

*Vardenafil (Levitra<sup>®</sup>)*

*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)*

*Epirubicin*

*Idarubicin*

*Mitomycin*

*Mitoxantrone*

### 8.1.3 Antimetabolites

Mercaptopurine

Methotrexate

*Capecitabine*

*Cladribine*

*Cytarabine*

*Liposomal Cytarabine*

*Fludarabine*

*Fluorouracil*

*Gemcitabine*

*Tioguanine (Thioguanine)*

*Pemetrexed*

*for treatment of mesothelioma*

*Azacitidine*

*Raltitrexed*

*Tegafur with Uracil*

*Available on chairs approval in accordance with TA 61*

FOLINIC ACID RESCUE

Calcium Folate

#### **8.1.4 Vinca Alkaloids and etoposide**

*Etoposide*

*Vinblastine*

*Vincristine*

*Vindesine*

*Vinorelbine*

#### **8.1.5 Other Antineoplastic agents**

*Azacytidine (Vidaza)*

*Amsacrine*

*Bevacizumab*

*Bexarotene* *PbR excluded. PCT treatment exemption panel approval required*

*Bortezomib*

*Carboplatin*

*Cetuximab*

*Cisplatin*

*Dacarbazine*

*Dasatinib*

*Docetaxel*

*Erlotinib*

*Gefitinib*

*Hydroxycarbamide (Hydroxurea)*

*Imatinib*

*Irinotecan*

*Ipilimumab*

*Nilotinib*

*Paclitaxel*

*Pazopanib*

*Pentostatin*

*Procarbazine*

*Sunitinib*

*Temozolamide*

*Topotecan*

*Trastuzumab*

*Tretinoin*

*Trabectedin*

*Use in line with NICE TA185 & Cancer Network Guidelines*

*Vemurafenib*

*Use in line with NICE TA269 & Cancer Network Guidelines*

### National Cancer Drugs Fund List 2013

Drug	Indication
<b>Abiraterone</b>	1 <sup>st</sup> line treatment of metastatic castrate resistant prostate cancer (Mcrpc) in adult men who are asymptomatic, or mildly symptomatic, after failure of androgen deprivation therapy (ADT) in whom chemotherapy is not yet clinically indicated
<b>Axitinib</b>	Option for 2 <sup>nd</sup> line advanced renal cell carcinoma with progression after TKI or a cytokine
<b>Bendamustine</b>	2 <sup>nd</sup> or subsequent line treatment of CLL for patients whom fludarabine combination therapy is not a therapeutic option.
	Treatment of relapsed low grade NHL in patients unable to receive standard chemotherapy.
	1 <sup>st</sup> line treatment of low grade non-hodgkins lymphoma in combination with rituximab
	Treatment of relapsed low grade/indolent NHL refractory to rituximab based regimens
	2 <sup>nd</sup> and subsequent line treatment of mantle cell lymphoma in patients who have not received previous bendamustine
	1 <sup>st</sup> line treatment of mantle cell lymphoma in combination with rituximab in patients unsuitable for standard first line treatment
	Treatment of relapsed multiple myeloma where other treatments are not appropriate
<b>Bevacizumab</b>	Treatment of patients with triple negative metastatic breast cancer and/or prior taxane therapy
	1 <sup>st</sup> line treatment of metastatic colorectal cancer. Only to be administered concurrently with chemotherapy, not as single agent maintenance therapy.
	2 <sup>nd</sup> line treatment of metastatic colorectal cancer in combination with standard chemotherapy in patients who have not previously received bevacizumab. Only to be administered concurrently with chemotherapy, not as single agent maintenance therapy.
	3 <sup>rd</sup> line treatment of metastatic colorectal cancer in combination with standard chemotherapy in patients who have not previously received bevacizumab. Only to be administered concurrently with chemotherapy, not as single agent maintenance therapy.
	1 <sup>st</sup> line treatment of advanced (stage IIIc/IV) ovarian cancer, sub-optimally debulked either at primary or delayed primary (interval) surgery (including peritoneal and fallopian tube cancer) OR unsuitable for debulking surgery.
<b>Bortezomib</b>	Treatment of relapsed or refractory multiple myeloma at second and subsequent relapse in patients who are bortezomib naïve and where the patient unable to access bortezomib at first relapse.
	Treatment of relapsed or refractory multiple myeloma at second and subsequent relapse in patients with previous good response to bortezomib.
	Treatment of 2 <sup>nd</sup> or subsequent relapse in Refractory Mantle cell Lymphoma, in patients not fit for transplant
	Treatment of relapsed Waldenstrom's macroglobulinaemia after previous treatment with standard chemotherapy
<b>Brentuximab</b>	Treatment of relapsed or refractory Hodgkins lymphoma in patients who have failed at least two prior multi-agent chemotherapy regimens and are not ASCT candidates
	As a bridge to allograft transplant for the treatment of Hodgkin's



	Lymphoma where no other salvage treatment is available
	As a bridge to allograft transplant for the treatment of anaplastic large cell lymphoma where no other salvage treatment is available
<b>Cabazitaxel</b>	2 <sup>nd</sup> line treatment of advanced castration resistant prostate cancer following docetaxel based regimen
	3 <sup>rd</sup> line treatment of advanced castration resistant prostate cancer following docetaxel and abiraterone based treatment
<b>Cetuximab</b>	1 <sup>st</sup> line treatment of metastatic and/or recurrent squamous cell carcinoma of the head and neck
	Treatment of KRAS wild-type metastatic colorectal cancer in any indication outside of NICE TA176, in patients who have not previously received cetuximab up to progression
<b>Clofarabine</b>	Acute myeloblastic leukaemia in patients with relapsed/refractory disease in whom the intent is to use treatment as a bridge to bone marrow transplantation
	Acute lymphoblastic leukaemia in patients with relapsed/refractory disease in whom the intent is to use treatment as a bridge to bone marrow transplantation
<b>Crizotinib</b>	In second and subsequent line anaplastic lymphoma kinase (ALK) – positive advanced non -small lung cancer
<b>Dasatinib</b>	Treatment of adults with Philadelphia chromosome positive (Ph+) acute lymphoblastic leukaemia (ALL) with resistance or intolerance to prior therapy including Imatinib
	Treatment of adults with Philadelphia chromosome positive (Ph+) lymphoid blast CML with resistance or intolerance to prior therapy including Imatinib
	2 <sup>nd</sup> line treatment of chronic, accelerated or blast phase CML patients with intolerance to imatinib mesilate, and who are intolerant of nilotinib
<b>Eribulin</b>	Treatment of patients with locally advanced or metastatic breast cancer who have been previously treated with (or unsuitable for ) an anthracycline, a taxane and capecitabine
<b>Everolimus</b>	2 <sup>nd</sup> line treatment of metastatic renal cell carcinoma where disease has progressed on or after treatment with VEGF-targeted therapy or where patient has a contra-indication to or is intolerant of VEGF –targeted therapy
	1 <sup>st</sup> line treatment of unresectable or metastatic, well- or moderately-differentiated neuroendocrine tumours of pancreatic origin in adults with progressive disease
	2 <sup>nd</sup> line treatment of unresectable or metastatic, well-or moderately-differentiated neuroendocrine tumours of pancreatic origin in adults with progressive disease
	2 <sup>nd</sup> line treatment of hormone receptor +ve, HER2 negative advanced breast cancer, in combination with exemestane, in post menopausal women without symptomatic visceral disease after recurrence or progression following a non steroidal aromatase inhibitor who have not received previous exemestane
<b>Imatinib</b>	Adjuvant treatment of gastro-intestinal stromal tumours (GIST), in patients considered high risk of relapse (based on risk criteria or mutation analysis), for up to 3 years
<b>Lapatinib</b>	2 <sup>nd</sup> and subsequent line use in combination with capecitabine for the treatment of patients with locally recurrent or metastatic breast cancer, whose tumours over express HER2(ErbB2) and whose disease has progressed on trastuzumab
<b>Lenalidomide</b>	2 <sup>nd</sup> line treatment of multiple myeloma in patients who have contraindications to the use of bortezomib

<b>Nelarabine</b>	Treatment of refractory T-cell lymphoblastic non-Hodgkin's Lymphoma as a bridge to bone marrow transplantation
	Treatment of refractory T-cell acute lymphoblastic leukaemia as a bridge to bone marrow transplantation
<b>Ofatumumab</b>	2 <sup>nd</sup> line treatment of chronic lymphocytic leukaemia (CLL) in patients who are refractory to fludarabine and ineligible/unsuitable for alemtuzumab
	2 <sup>nd</sup> line treatment of CLL in patients with p53 mutation who relapse or progress on first line alemtuzumab and are not suitable for fludarabine
	3 <sup>rd</sup> line treatment of CLL in patients refractory to fludarabine and alemtuzumab
<b>Pazoponib</b>	Third line treatment of metastatic non-adipocytic soft tissue sarcoma
<b>Pegylated Liposomal Doxorubicin (Caelyx)</b>	1 <sup>st</sup> line treatment of angiosarcoma, especially cutaneous
	2 <sup>nd</sup> line treatment of angiosarcoma, especially cutaneous
	1 <sup>st</sup> line treatment of primary sarcoma of the heart and great vessels
	1 <sup>st</sup> line treatment of sarcoma in patients with cardiac impairment who need an anthracycline
	2 <sup>nd</sup> line treatment of sarcoma in patients with cardiac impairment who need an anthracycline
	2 <sup>nd</sup> line treatment of fibromatosis
<b>Pemetrexed</b>	2 <sup>nd</sup> line treatment of patients with locally advanced or metastatic non-small cell lung cancer other than predominantly squamous cell histology in patients who did not receive 1 <sup>st</sup> line pemetrexed e.g. 1 <sup>st</sup> line clinical trial
	Maintenance treatment of stage IIIB/IV non-squamous non-small cell lung cancer after response to pemetrexed-containing first line therapy
<b>Peptide receptor Radionucleotide Therapy to include Lutetium 177 Octreotate or Yttrium90 octreotide/octreotate</b>	Treatment of advanced neuroendocrine tumours i.e. for pNETS after sunitinib/Chemotherapy, For mid-gut Carcinoid, after octreotide/somatostatin therapies
<b>Ruxolitinib</b>	1 <sup>st</sup> line treatment of symptomatic splenomegaly in adult patients with primary myelofibrosis, post polycythaemia vera myelofibrosis or post essential thrombocythaemia myelofibrosis. For new patients only
	2 <sup>nd</sup> line treatment of symptomatic splenomegaly in adult patients with primary myelofibrosis, post polycythaemia vera myelofibrosis or post essential thrombocythaemia myelofibrosis. For new patients only
<b>Sorafenib</b>	1 <sup>st</sup> line treatment of advanced hepatocellular carcinoma in patients with Childs A disease
	1 <sup>st</sup> line treatment of advanced hepatocellular carcinoma in patients with low disease burden Childs B disease
	Treatment of papillary or follicular thyroid cancer that is inoperable or metastatic disease that is refractory to radioiodine
<b>Sunitinib</b>	1 <sup>st</sup> line treatment of unresectable or metastatic, well-differentiated pancreatic neuroendocrine tumour with disease progression
	2 <sup>nd</sup> line treatment of unresectable or metastatic, well-differentiated pancreatic neuroendocrine tumour with disease progression
	3 <sup>rd</sup> line treatment of unresectable or metastatic, well-differentiated pancreatic neuroendocrine tumour with disease progression
<b>Temsirolimus</b>	1 <sup>st</sup> line treatment of patients with advanced renal cell carcinoma

	(RCC) who have at least three of six prognostic risk factors.
<b>Vandetinib</b>	Treatment of symptomatic, locally advanced (unresectable) or metastatic medullary thyroid cancer.

## 8.2 DRUGS AFFECTING THE IMMUNE RESPONSE

### 8.2.1 Cytotoxic Immunosuppressants

Azathioprine

*Cellcept*

*Specialist Use/ Transplant*

*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*

### 8.2.3 Anti-lymphocyte monoclonal antibodies

*Rituximab*

*Haematologist/Rheumatologist*

*Rituximab*

*ANCA associated vasculitis*

*Alemtuzumab*

*Haematologists and Oncologists*

### 8.2.4 Interferons

*Interferon alfa*

*according to protocol*

*Interferon beta*

*according to contract*

*Peginterferon alfa*

*Natalizumab*

*Fingolimod*

*Thalidomide*

*Use in line with NICE TA228 & Cancer Network Guidelines*

## 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*

*Anastrozole*

*Exemestane*

*Letrozole*

*Fulvestrant*

#### 8.3.4.2 Prostate Cancer

*Abiraterone Acetate*

Cyproterone

Goserelin  
Flutamide  
Bicalutamide  
Degarelix

**8.3.4.3 Somatostatin analogues**

Octreotide  
*Lanreotide*  
*Sandostatin LAR<sup>®</sup>*  
*Pasireotide (Signifor<sup>®</sup>)*

*Prior approval from PCT required*

## 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)

#### 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*

#### 9.1.2 Drugs used in megaloblastic anaemias

Hydroxocobalamin

Folic Acid

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

*Darbepoetin Alfa*

*Epoetin Alfa*

*Epoetin Beta*

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

##### 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

*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<sup>®</sup>)**

#### **Hydroxyethyl starch (Voluven<sup>®</sup>)**

*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- 400**

**Sandocal- 1000**

Calcichew

Calcichew Forte

Calcium Sandoz -liquid

Parenteral - Calcium Chloride or Calcium Gluconate

#### **9.5.1.2 Hypercalcaemia and hypercalciuria.**

Cinacalcet

#### **9.5.1.3 Magnesium Supplements**

Parenteral - Magnesium Sulphate

Magnaspartate Sachets

### **9.5.2 Phosphorus**

Phosphate-Sandoz

Sodium Phosphate Oral Solution

#### **9.5.2.2 Phosphate-binding Agents**

##### **Calcium Acetate**

Aluminium Hydroxide

Sevelamer (Renagel®)

*Sevelamer (Renvela®) Powder Sachets Only*

Lanthanum Carbonate

### **9.5.3 Fluoride**

Duraphat Toothpaste 2800 ppm (Sodium Fluoride 0.619%)

### **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

### **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) & colecalciferol 10 micrograms (Calceos®)

Calcium carbonate 1.5g (calcium 600mg) & colecalciferol 10 micrograms (Adcal – D3®)

Ergocalciferol injection

Paricalcitol

Colecalciferol (Fultium D3)

### **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**

#### **Diclofenac**

*(Dyloject®)*

*For IV use only in Theatres*

Diclofenac with misoprostol

Indometacin

Ketoprofen gel (Ibuprofen gel 5% due to manufacturing problem)

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

#### GOLD

Sodium Aurothiomalate

#### PENICILLAMINE

Penicillamine

#### ANTIMALARIALS

Chloroquine      see section 5.4.1

Hydroxychloroquine

#### IMMUNOSUPPRESSANTS

Azathioprine

Ciclosporin (Cyclosporin)

Methotrexate

*Leflunomide*

*Rheumatologists*

*Etanercept*

*Certolizumab Pegol*

*Rheumatologists*

*Infliximab*

*Dermatology/Rheumatology/Gastroenterology*

*Anakinra*

*Rheumatologists*

*Adalimumab*

*Rheumatologist/Gastroenterologists*

*Tocilizumab*

*Rheumatology as per NICE guidance*

*Golimumab*

*Rheumatologists*

*Abatacept*

*Rheumatologists*

#### 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*

### **10. 2 DRUGS USED IN NEUROMUSCULAR DISORDERS**

#### **10.2.1 Drugs which enhance neuromuscular transmission**

##### **ANTICHOLINESTERASES**

Neostigmine

Pyridostigmine

*Edrophonium Chloride* for 'Tensilon<sup>®</sup>' test

#### **10.2.2 Skeletal muscle relaxants**

Baclofen

Dantrolene see 15.1.8

Diazepam see 4.1.2

*Tizanidine* Neurologist

##### **NOCTURNAL LEG CRAMPS**

Quinine see 5.4.1

### **DRUGS FOR THE RELIEF OF SOFT-TISSUE INFLAMMATION**

#### **10.3.1 Enzymes**

Hyaluronidase

#### **10.3.2**

##### **Rubefaciants and other topical antirheumatics**

Capsaicin Cream

Transvasin Cream

##### **TOPICAL NSAID'S**

Ketoprofen gel

MoveLat

##### **POULTICES**

Kaolin poultice

# 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

Gentamicin Eye drops

Chlortetracycline Eye ointment

Benzylpenicillin Eye-drops

*Chlorhexidene Eye drops*

*Gentamicin Forte Eye drops*

### 11.3.2 Antifungals

*Clotrimazole Eye drops*

*Named patient*

### 11.3.3 Antivirals

#### **Aciclovir Eye Ointment**

*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 and Eye Ointment**

Fluorometholone Ophthalmic Suspension

Maxitrol Eye drops

Rimexolone Eye drops

Tobramycin 0.3%/Dexamethasone 0.1% (Tobradex®)

*Cyclosporin (Cyclosporin) Eye Drops*

*Bromfenac Sodium sesquihydrate (Yellox®) eye drops*

*Dexamethasone intravitreal implant*

*Fluocinolone Acetonide (Iluvien®)Intravitreal Implant*

*Named patient*

*Hospital use only*

### 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

Homatropine Eye Drops

### 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

#### **Latanoprost & Latanoprost PF Eye-drops**

*Travoprost Eye drops*

*Bimatoprost & Bimatoprost PF Eye drops*

#### **Prostaglandin Analogues with Timolol**

##### **Latanoprost with Timolol**

*Travoprost 40micrograms/Timolol 5mg per ml (DuoTrav®)*

*Bimatoprost with Timolol (Ganfort®)*

### 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**

## 11.7 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

#### **Hypromellose Eye Drops**

*Polyethylene Glycol 400 0.4%, propylene glycol 0.3%, hydroxypropyl guar (Systane®)*

*Carmellose (Optive®) eye drops*

*Carmellose (Celluvisc®) Liquid Gel*

*Liquid Paraffin (Lacrilube®) Eye Ointment*

*Carbomer (Polyacrylic Acid) Liquid Gel*

*Polyvinyl alcohol Ophthalmic Solution*

*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*  
*AREDS Formula (e.g. OcuVite® /Preservision®)*  
*Balanced Salt Solution and Balanced salt Solution Plus*  
*Diclofenac Ophtha Eye Drops*  
*Fluorescein Eye Drops and Fluorets*  
*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®)*

### **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

Aluminium Acetate Ear Drops

#### ANTI-INFLAMMATORY PREPARATIONS

### **Hydrocortisone with Gentamicin Ear Drops (Gentisone HC<sup>®</sup>)**

Betamethasone Ear Drops

Dexamethasone as Otomize Ear Drops

Prednisolone Ear Drops

Otosporin<sup>®</sup>

#### ANTI-INFECTIVE PREPARATIONS

### **Gentamicin with Hydrocortisone Ear Drops (Gentisone HC<sup>®</sup>)**

Clotrimazole

Framycetin as Sofradex<sup>®</sup> 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

Azelastine Nasal Spray

#### CORTICOSTEROIDS

### **Beclometasone (Beclomethasone) Drops/ Nasal Spray**

Budesonide Aqueous aerosol inhalation

Fluticasone Furoate (Avamys<sup>®</sup>)

Mometasone (Nasonex<sup>®</sup>)

Sodium Cromoglicate nasal Spray

Triamcinolone (Nasacort<sup>®</sup>) Nasal Spray

### 12.2.2 Topical Nasal Decongestant

Ephedrine Nasal Drops

Xylometazoline Nasal Drops

### 12.2.3 Anti-infective nasal preparations

### **Mupirocin (Bactroban<sup>®</sup>) nasal ointment**

### **Chlorhexidine/Neomycin Nasal ointment (Naseptin<sup>®</sup>)**

## 12.3 DRUGS ACTING ON OROPHARYNX

### 12.3.1 Drugs for oral ulceration and inflammation

### **Benzydamine Mouthwash, Spray**

### **Bonjela gel**

### **Hydrocortisone Oral pellets**

Orabase<sup>®</sup> Paste

Adcortyl in Orabase<sup>®</sup> Paste

Tacrolimus 0.1% in Orabase<sup>®</sup> paste



### **12.3.2 Oropharyngeal Anti-infective Drugs**

#### **Nystatin**

Amphotericin Lozenge

*Miconazole oral gel*

### **12.3.3 Lozenges Sprays and Gels**

#### **Dequalinium Lozenges**

Tyrothricin with Benzocaine (Tyrozets<sup>®</sup>)

### **12.3.4 Mouthwashes, gargles and Dentrifices**

Chloraseptic Spray

#### **Chlorhexidine Mouthwash**

Glycerin & Thymol Mouthwash

Gelclair<sup>®</sup> Oral Gel

*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<sup>®</sup>)

*Biotene Oral Balance<sup>®</sup> Gel*

*Pilocarpine tablets*

## CHAPTER 13: SKIN

### 13.2 EMOLLIENTS AND BARRIER PREPARATIONS

#### 13.2.1 Emollients

Aqueous Cream  
Balneum® Plus Cream  
Doublebase® Gel  
Emulsifying ointment in water  
Zerocream® (E45® Cream substitute)  
Zerobase® (Diprobace substitute)  
Epaderm® Ointment  
Hydromol® Cream and Ointment  
Liquid Paraffin 50% in Yellow soft paraffin  
Eczmol® Cream

#### 13.2.1.1 Emollient Bath Additives

Aveeno® Bath oil  
Balneum® Bath oil  
Balneum® Plus Oil  
Dermol® Emollient

#### 13.2.2 Barrier Preparations

Sudocrem®  
Zinc and Castor oil Cream  
Kamillosan® Ointment  
Sprilon® Spray application  
Vasogen® Cream

#### 13.2.3 Dusting Powders

Talc and hexachlorophane 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  
*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%  
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%  
Fludrocortide (Haelan®) Tape  
Hydrocortisone Cream 0.5%, 1%, Ointment 0.5%, 1%,

Hydrocortisone Lipocream 1% (Mildison®)  
Hydrocortisone butyrate (Locoid®) Cream 0.1%, Ointment 0.1%, Lipocream 1%  
Tri-adcortyl® Cream and Ointment  
*Mometasone furoate (Elocon®)* Continuation only

#### **With anti-bacterials**

Betamethasone & clioquinol Cream and Ointment (formerly Betnovate C)  
Locoid C® Cream and Ointment  
*Fucibet® Cream* Dermatology  
*Fucidin H cream and ointment* Dermatology

### **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

The following “specials” used by Dermatology department:

- *Dithranol in Lassars paste 0.25%, 0.5%, 0.1%, 1%, 2%, 4%, (w/v)*
- *Dithranol in Salicylic Acid 2% in emulsifying ointment 0.1%, 0.25%, 0.5%, 1%, 2%*
- 

Dovobet® ointment

Dovobet® Scalp Gel

*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**

Methoxy-psoralen Emulsion  
Methoxy-psoralen Bath lotion

### **13.5.3 Drugs Affecting the Immune Response**

Ciclosporin (Cyclosporin)  
Methotrexate  
*Tacrolimus ointment*  
*Pimecrolimus cream*  
*Adalimumab*  
*Etanercept*  
*Ustekinumab*

*Dermatology (3<sup>rd</sup> line treatment only)*

## **13.6 ACNE AND ROSACEA**

### **13.6.1 Topical preparations for acne**

Benzoyl peroxide Topical gels  
Benzoyl peroxide and Adapalene gel - Epiduo®  
Benzamycin Gel

### TOPICAL RETINOIDS FOR ACNE

Tretinoin Cream & Gel  
Isotretinoin Gel

### **13.6.2 Oral preparations for acne**

Isotretinoin Capsule  
Co-cyprindiol (Dianette®)  
*Minocycline*  
*Lymecycline*

*Continuation only*  
*Continuation only*

## **13.7 PREPARATIONS FOR WARTS AND CALLUSES**

Salicylic acid preparations (Cuplex®, Verrugon®)  
Salactol® Paint  
Salatac® Gel

### GENITAL WARTS

Podophyllum preparations  
Warticon® Solution  
Imiquimod

## **13.8 SUNSCREENS AND CAMOUFLAGERS**

RoC® Total Sunblock Factor 25  
*Solaraze®*  
*Methyl aminolevulinate cream (Metvix®)*

### **13.8.1 Sunscreen Preparations**

Ingenol Mebutate (Picato®)

## **13.9 SHAMPOOS AND SOME OTHER SCALP APPLICATIONS**

Alphosyl® Shampoo and 2 in 1 Shampoo  
Capasal® Shampoo  
Ketoconazole 2% Shampoo  
Polytar® and Polytar Plus® Shampoo  
T/Gel® Shampoo  
*Eflornithine cream*

## **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 Parasitocidal 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

### **13.10.5 Preparations for minor cuts and abrasions**

Magnesium sulphate Paste

Proflavine Antiseptic cream

## **13.11 DISINFECTANTS AND CLEANSERS**

*See local guidelines from infection control team.*

Triclosan (Aquasept<sup>®</sup> Solution/Skinsan Foam)

Chlorhexidine Preparations

Hydrogen peroxide Preparations

Hydrogen peroxide cream (Crystacide<sup>®</sup>)

Industrial Methylated Spirit Preparations

Manusept<sup>®</sup> Solution

Phisomed<sup>®</sup> Cleanser

Plaster Remover

Potassium permanganate (Permitabs<sup>®</sup>)

Povidone Iodine Preparations

Sodium Hypochlorite Preparations

### **13.11.7 Desloughing agents**

## **13.13 TOPICAL CIRCULATORY PREPARATIONS**

Hirudoid<sup>®</sup> Cream

Lasonil<sup>®</sup> Ointment

# 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](http://www.dh.gov.uk/en/Publichealth/Healthprotection/Immunisation/Greenbook/DH_4097254)

## 14.4 VACCINES AND ANTISERA

BCG Vaccine  
Diphtheria Vaccine  
Diphtheria/Tetanus Vaccine  
Diphtheria/Tetanus/Pertussis Vaccine  
Diphtheria Antitoxin  
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

## 14.5 IMMUNOGLOBULINS

Normal Immunoglobulin (Brand dependant upon availability)

### SPECIFIC IMMUNOGLOBULINS

Anti-human Thymocyte Immunoglobulin (Equine)  
Human Anti-tetanus Immunoglobulin  
*Hepatitis B Immunoglobulin*                      *Dr Smithson*  
*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

### **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





## **APPENDIX 2: BORDERLINE SUBSTANCES**

### **A2.1 Enteral Feeds**

Nutrison  
Nutrison Multifibre  
Nutrison Soya  
Nutrison Energy  
Nutrison Energy Multifibre  
Nutrison Protein Plus  
Nutrison Protein Plus Multifibre

### **A2.2 Nutritional Supplements**

Fortijuice  
Fortisip  
Fortisip Multifibre  
Fortisip Yogurt Style  
Forticreme  
Fortisip Extra  
Renilon

### **A2.3 Specialised Formulas for Specific Clinical Conditions**

### **A2.4 High Energy Supplements**

Calogen  
Protifar  
Scandishake

### **A2.5 Feed additives**

VSL#3  
Nutilis®Powder

*For treatment of pouchitis*

## **APPENDIX 8: WOUND MANAGEMENT PRODUCTS SUBSTANCES AND ELASTIC HOSE**

See separate local policy/formulary on Tissue Viability intranet site at: <http://intranet/tissueviability/>  
The Trust Wound Formulary is listed on this link: <http://intranet/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*

#### **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  
*Acticoat Flex 3 Tissue Viability Nurse/Vascular Nurse/Podiatry specialist*  
*Askina Calgitrol thin 5cm x 5cm Podiatry specialist*  
*Askina Calgitrol Paste 15 g Podiatry specialist*

#### **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**

*Eptotermin (Osteogenic protein)*

*Orthopaedic Specialist*

### **Elastoviscous polymers for the treatment of pain in osteoarthritis**

*Hylan G-F 20 injection (Synvisc®)*

*Orthopaedics/Rheumatology*

### **Fibrin sealants**

*Tisseel® fibrin sealant*

### **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*

### **Medicinal products for diagnostic use only**

*Regadenoson (Rapiscan®)*

### **Contrast Media Agents**

*Gadoteridol (Prohance®)*

*Radiology*

*Gadoxetic Acid (Primovist®)*

*Radiology*

*Gadobutrol (Gadovist®)*

*Radiology*

*Vitamin A&D cream/ointment*

*For use in breast reconstruction only.*

## FORMULARY APPENDIX 2 – DRUGS RECOMMENDED IN NICE TA WHICH ARE NOT IN FORMULARY

<b>NICE TA</b>	<b>EXPLANATION</b>
TA 85 Renal Transplantation – Immunosuppressive Regimens (Adults)	Renal transplant operations are not performed by HEY.
TA99 Renal Transplantation – Immunosuppressive Regimens for Children and Adolescents	Renal transplant operations are not performed by HEY.
TA 235 Osteosarcoma - Mifamurtide	Recommended for treatment in specified children, adolescents and young adults. This cohort of patients are referred to specialist provider.
TA 282 Pirfenidone for treating idiopathic pulmonary fibrosis	Submission received awaiting funding confirmation from NHS England

Unlicensed Drugs – Please see <http://intranet/pharmacy/pdf/unlicensedmedslist0909.pdf>

