NHS SOUTHAMPTON CITY,
NHS HAMPSHIRE
AND
SOUTHAMPTON UNIVERSITY
HOSPITALS NHS TRUST
JOINT MEDICINES
FORMULARY
2010
Foreword

NHS Southampton City, NHS Hampshire and Southampton University Hospitals NHS Trust (SUHT) review the use of medicines collaboratively via the Basingstoke, Southampton and Winchester District Prescribing Committee (DPC). The Executive Forums of the Trusts making up the DPC have formally endorsed this collaboration. The main aim of the DPC is to ensure that there is a consistent approach to prescribing the most effective, safest and cost effective medications across the local health care community. One method of achieving this is the provision of a Joint Medicines Formulary. This Formulary provides a list of medications available for routine prescribing or those prescribed within certain criteria. The drugs have been selected on the basis of efficacy, safety, and cost, and include those recommended by the DPC. In SUHT the recommendations of the DPC are endorsed by SUHT’s Drugs Committee (SDC), which is chaired by Dr Derek Waller. The formulary process is fully supported by SUHT’s Trust Board.

Unless otherwise stated, the drugs selected are recommended as first choice, particularly for new patients. Those patients stabilised on other therapies may be switched to a formulary drug if and when clinically appropriate.

The Formulary covers the area managed by NHS Southampton and the south west part of NHS Hampshire. Where possible the Formulary should be incorporated into GP practice computer prescribing systems. Some important recommendations are also included in the PCTs’ local ‘Scriptswitch’ profile for information.

There are separate detailed formularies for wound care products, incontinence appliances, stoma products and nutritional supplements in primary care.

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SUHT

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Critical Evaluation Pharmacist  
SUHT

With thanks to Caroline Bowyer (Southampton Community Healthcare) and the Pharmacists from Hampshire Partnership NHS Foundation Trust for their valuable contribution to this resource.
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Introduction

Updates

Additions and deletions to the Joint Medicines Formulary occur on a monthly basis. A cumulative list is updated each month to reflect these changes. It is essential that users of the paper Formulary are aware of these changes and their own copies are updated accordingly. The cumulative list may be found at www.suht.nhs.uk/medicinesformulary and at www.scpctintranet.nhs.uk/documents. The paper copy of the Formulary will be updated every 1 to 2 years.

Non-Formulary Prescribing

It is recognised that in the best interests of patient care there will be situations when non-formulary medicines may be required. Within the hospital there is a procedure to allow non-formulary prescribing for individual patients if an adequate case is made. If a non-formulary medicine is requested on a wider scale, a formulary application should be made. GPs may prescribe any medicine on the NHS provided it is not blacklisted.

Addition of Medicines to the Formulary

In hospital settings, only Consultants can make formulary applications (request evaluations). GPs or nurse specialists can make applications in primary care. Applications must be made on the official application form. These are available from the formulary application forms/process section of www.suht.nhs.uk/medicinesformulary or from Care Group Pharmacists, the Critical Evaluation Pharmacists, or PCT Pharmacists. Applications will undergo an independent evidence-based appraisal by a Critical Evaluation Pharmacist. The application process is shown below:
STEP ONE
Evaluation request received from local Primary and Secondary Care Trusts by Critical Evaluation Pharmacist
Brenda.Murphy@suht.swest.nhs.uk

STEP TWO
Critical Evaluation Pharmacist:
1. Sends applicant a receipt letter detailing review process.
2. Adds request to Priorities for Medicines Appraisals

STEP THREE
Critical Evaluation Pharmacist sends Priorities for Medicines Appraisals to DPC

STEP FOUR
DPC workstream:
1. DPC discusses new evaluation requests on the Priorities for Medicines Appraisals and categorises them onto the high priorities list or not.
2. Medicines on the high priorities list require appraisals to be completed by next DPC meeting (8/9 week's time).
3. Depending on workload the DPC may decide not to put an evaluation request on the high priorities list and categorisation may be deferred until next DPC

DPC meetings are scheduled 6 times per annum

STEP FIVE
MEC workstream:
2. Draft appraisal sent to applicant and other appropriate parties.
3. At next MEC a scientific discussion of evidence occurs.
4. MEC notes and appraisal sent to next DPC meeting

MEC meetings are scheduled 6 times per annum.
MEC meetings occur 2 weeks prior to DPC

STEP SIX
DPC discusses MEC notes and appraisal, noting any locality issues, and makes RECOMMENDATION to local Drugs Committee

STEP SEVEN
DECISION by local Drugs Committees as to whether medicine is put on the Medicines Formulary.
(SUHT’s Drugs Committee meets monthly, WEHCT’s Drugs and Therapeutics Committee meets monthly except for Aug/Dec, BNHT’s Drugs and Therapeutics Committee meets every 6-7 weeks)

Specialist only  Shared care  PCT only  All

Use in conjunction with BNF (www.bnf.org) and agreed local/national guidelines
Notes on the use of the Joint Formulary

- drugs are listed in **BNF order** by International Non-proprietary Names (rINNs). Where this name is significantly different from the old British Approved Name (BAN) this has also been identified. Some drugs feature in more than one section
- **brand names** have been provided where brand prescribing is preferred, or recommended on clinical grounds, or for combination products
- additional notes have been provided for some entries, for example restricting usage to certain specialties
- **NICE guidance** is available from www.nice.org.uk
- the **red/amber/green/blue** colours denote prescribing status within the local health community. Red drugs are specialist drugs which are not prescribed by GPs; amber drugs can be continued by GPs following Consultant recommendation or initiation; blue drugs are prescribed in primary care and green drugs can be prescribed by all
- **named patient drugs** require the patient’s details to be supplied before ordering or dispensing can take place. Contact ward Pharmacists within hospital for further information
- **unlicensed drugs** do not hold a marketing authorisation (product licence) in the UK
- **micro advice** – drugs that would normally be initiated only after advice from microbiology

To be used in conjunction with the BNF or [www.bnf.org](http://www.bnf.org) and agreed local and national guidelines

**KEY TO COLOURS**

**Red** – medicines suitable for use in specialist settings only

**Amber** – usually specialist initiated/recommended but suitable for continuation in primary care. Shared care agreements may exist

**Blue** – for PCT use only, either via FP10 or supplied through PCT specialist services. These products are stocked by hospital pharmacies only for supply to PCT units and wards

**Green** – suitable for prescribing by all in both primary and secondary care

Specialist only  Shared care  PCT only  All

Use in conjunction with BNF ([www.bnf.org](http://www.bnf.org)) and agreed local/national guidelines
### Abbreviations used in this Formulary

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<th>Definition</th>
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<td>ACE</td>
<td>Angiotensin converting enzyme</td>
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<td>ACBS</td>
<td>Advisory Committee for Borderline Substances</td>
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<td>ACS</td>
<td>Acute coronary syndrome</td>
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<tr>
<td>ADHD</td>
<td>Attention deficit hyperactivity disorder</td>
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<tr>
<td>BCG</td>
<td>Bacillus Calmette-Guérin</td>
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<tr>
<td>bd</td>
<td>Twice a day</td>
</tr>
<tr>
<td>BNF</td>
<td>British National Formulary</td>
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<tr>
<td>BMI</td>
<td>Body mass index</td>
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<tr>
<td>BMT</td>
<td>Bone marrow transplant</td>
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<tr>
<td>BNHFT</td>
<td>Basingstoke and North Hampshire NHS Foundation Trust</td>
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<tr>
<td>BP</td>
<td>British Pharmacopoeia</td>
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<tr>
<td>BPC</td>
<td>British Pharmaceutical Codex</td>
</tr>
<tr>
<td>CAMHS</td>
<td>Child and Adolescent Mental Health Service</td>
</tr>
<tr>
<td>Cap</td>
<td>Capsule</td>
</tr>
<tr>
<td>CFC</td>
<td>Chlorofluorocarbon</td>
</tr>
<tr>
<td>CG</td>
<td>NICE clinical guideline</td>
</tr>
<tr>
<td>Chew</td>
<td>Chewable</td>
</tr>
<tr>
<td>CMH</td>
<td>Countess Mountbatten House</td>
</tr>
<tr>
<td>CML</td>
<td>Chronic myeloid leukaemia</td>
</tr>
<tr>
<td>COC</td>
<td>Combined oral contraceptive</td>
</tr>
<tr>
<td>Disp</td>
<td>Dispersible</td>
</tr>
<tr>
<td>DPC</td>
<td>District Prescribing Committee</td>
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<tr>
<td>EC</td>
<td>Enteric coated</td>
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<tr>
<td>ED</td>
<td>Emergency Department</td>
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<tr>
<td>Eff</td>
<td>Effervescent</td>
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<tr>
<td>FP10</td>
<td>GP prescription</td>
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<tr>
<td>GP</td>
<td>General Practitioner</td>
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<tr>
<td>GUM</td>
<td>Genito-Urinary Medicine</td>
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<tr>
<td>HCG</td>
<td>Human chorionic gonadotrophin</td>
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<tr>
<td>HPFT</td>
<td>Hampshire Partnership NHS Foundation Trust</td>
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<tr>
<td>HRT</td>
<td>Hormone replacement therapy</td>
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<tr>
<td>ICS</td>
<td>Inhaled corticosteroid</td>
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<tr>
<td>Inj</td>
<td>Parenteral</td>
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<tr>
<td>ITU</td>
<td>Intensive Care</td>
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<td>IV</td>
<td>Intravenous</td>
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<tr>
<td>L</td>
<td>Litre</td>
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<tr>
<td>LA</td>
<td>Long-acting</td>
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<tr>
<td>LABA</td>
<td>Long-acting beta₂ agonist</td>
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<tr>
<td>Liq</td>
<td>Liquid formulation</td>
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<tr>
<td>LHRH</td>
<td>Luteinising hormone releasing hormone</td>
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<tr>
<td>MDI</td>
<td>Metered dose inhaler</td>
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<tr>
<td>MI</td>
<td>Myocardial infarction</td>
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<tr>
<td>Micro</td>
<td>On the advice of microbiology</td>
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<tr>
<td>MR</td>
<td>Modified release</td>
</tr>
<tr>
<td>MW</td>
<td>Mouthwash</td>
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<tr>
<td>NBM</td>
<td>Nil by mouth</td>
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<tr>
<td>MDR TB</td>
<td>Multi-drug-resistant tuberculosis</td>
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<tr>
<td>Neb</td>
<td>Nebule</td>
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<tr>
<td>NICE</td>
<td>National Institute for Health and Clinical Excellence</td>
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<tr>
<td>NSAID</td>
<td>Non-steroidal anti-inflammatory drug</td>
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<tr>
<td>Oint</td>
<td>Ointment</td>
</tr>
<tr>
<td>OTC</td>
<td>Items which can be purchased over-the-counter without a prescription</td>
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</tbody>
</table>

Use in conjunction with BNF (www.bnf.org) and agreed local/national guidelines
PBSC  Peripheral blood stem cells
PCA  Patient-controlled analgesia
PCI  Percutaneous coronary intervention
PCT  Primary Care Trust
Pess  Pessary
PH  NICE public health guidance
POP  Progestogen-only pill
PPD  Prescription Pricing Division
Rect liq  Rectal liquid
RSH  Royal South Hants Hospital
Sach  Sachets
SDC  SUHT’s Drugs Committee
SGH  Southampton General Hospital
SIADH  Syndrome of inappropriate antidiuretic hormone
SLE  Systemic lupus erythematosus
SPF  Sun protection factor
SR  Sustained release
STEMI  ST-elevation myocardial infarction
SUHT  Southampton University Hospitals NHS Trust
Suppos  Suppository
Susp  Suspension
TA  NICE technology appraisal
Tab  Tablet
tds  Three times a day
TOP  Termination of pregnancy
TRH  Thyrotrophin releasing hormone
TTO  To-take-out (discharge medication)
WEHCT  Winchester and Eastleigh Healthcare NHS Trust
XDR TB  Extensively drug-resistant tuberculosis
XL  Long-acting

Useful Information for SUHT staff

Medicines Policy – Prescribing, acquisition, storage & administration – available from www.suht.nhs.uk/medicinesformulary (external links section)
Useful Contacts

NHS Southampton City Prescribing Team
NHS Hampshire Prescribing Team
Southampton Community Healthcare

SGH Main Dispensary
Mon-Fri: 0900-1700 (0930 Weds)
Sat: 0900-1200, Sun: 0900-1200
urgent supplies only
Ext: 4161/6312
(023) 80296916

SGH Oncology Dispensary
Mon-Fri: 0830-1700
Ext: 6668
(023) 80627865

RSH Dispensary
Mon, Tues, Thur, Fri: 0830-1700
Wed: 0915-1700
Ext: 2348
(023) 80608928

Lymington Dispensary
Mon, Tues, Thur, Fri: 0830-1300 & 1400-1700
Wed: 0830-1300
01590 663136
(switchboard 01590 793000)

SUHT On-call Hospital Pharmacist
Wessex Drug & Medicines Information Centre*
Mon-Fri: 0900-1700
Ext: 6908/6909
E-mail: medicinesinformation@suht.swest.nhs.uk

Critical Evaluation Pharmacists*
c/o Wessex Drug & Medicines Information Centre
Ext: 8863
E-mail: sue.gough@suht.swest.nhs.uk
or brenda.murphy@suht.swest.nhs.uk

Microbiology
Ext: 6408
Duty Microbiologist Via switchboard out of hours
Haematology
Ext: 4620
(Neonatology)
NHS Logistics
Ext: 8496

*To maintain independence, no appointments with Medical Representatives will be made

Use in conjunction with BNF (www.bnf.org) and agreed local/national guidelines
EMERGENCY TREATMENT OF POISONING

See corresponding section of BNF for additional information. Further advice can be sought via TOXBASE (password required) available at www.toxbase.org/ or by contacting the UK National Poisons Information Service on 0844 892 0111

Acetylcysteine 200mg/ml inj
Alcohol BP 4g in 5ml inj
Calcium gluconate 2.5% gel/10% inj
Charcoal activated liq
Cyanokit
Desferrioxamine 500mg and 2g inj
Digibind inj
Dimercaprol 100mg in 2ml inj
Fomepizole 5mg inj (unlicensed)
Hydroxocobalamin 1mg in 1ml inj
Methionine 250mg tab
Methylothioninium chloride 1% inj (100mg in 10ml) (methylene blue)
Naloxone 400micrograms in 1ml inj
Physostigmine 2mg in 2ml inj
Pralidoxime 20% inj (1g in 5ml)
Snakebite Antivenom Serum (adder)
Sodium calcium edetate 200mg/ml inj
Sodium nitrite 3% inj (30mg/ml)
Sodium thiosulphate 50% inj (500mg/ml)
1.1 Dyspepsia and Gastro-oesophageal Reflux Disease

1.1.1 Antacids and simeticone
Co-magaldrox susp [Mucogel]
• first line option in primary care

Magnesium trisilicate mixture

1.1.2 Compound alginates and proprietary indigestion preparations
Gaviscon Advance susp
Gaviscon Infant sach
Peptac susp
• first line option in primary care

1.2 Antispasmodics And Other Drugs Altering Gut Motility

Antimuscarinics
Hyoscine butylbromide tab/inj
Propantheline bromide tab

Other antispasmodics
Mebeverine tab/susp
Peppermint oil cap [Mintec]

Motility stimulants
Domperidone tab/susp/suppos
Metoclopramide tab/liq/inj

1.3 Antisecretory Drugs And Mucosal Protectants

H. pylori eradication
For 1 week (orally)
First line
omepazole 20mg bd
+ amoxicillin 500mg tds
+ metronidazole 400mg tds
Second line
omepazole 20mg bd
+ clarithromycin 250mg bd
+ metronidazole 400mg bd

1.3.1 H₂-receptor antagonists
Cimetidine tab
Ranitidine tab/eff tab/liq/inj

Palliative Care only

1.3.3 Chelates and complexes
Sucralfate tab/susp

1.3.5 Proton pump inhibitors
Esomeprazole tab

Use in conjunction with BNF (www.bnf.org) and agreed local/national guidelines
• only for Grade III to IV oesophagitis unresponsive to high dose omeprazole

Lansoprazole cap
Lansoprazole orodispersible tab
• only for enteral tubes/swallowing difficulties

Omeprazole cap
Omeprazole disp tab
Pantoprazole inj
In SUHT: Child Health only
Gastroenterology only

1.4 Acute Diarrhoea
• oral rehydration therapy is first line – see section 9.2.1.2

1.4.2 Antimotility drugs
Codeine phosphate tab/liq
Loperamide cap/liq

1.5 Chronic Bowel Disorders
NICE CG

Clostridium difficile infection
Metronidazole tab/susp
Vancomycin inj (orally)/cap
• in-patients - use inj orally
• out-patients or TTOs – use caps

Lactobacillus cap
Micro advice

1.5.1 Aminosalicylates
Mesalazine - Pentasa MR tab/enema/suppos
Mesren MR tab
• mesalazine is first line
• oral mesalazine: Pentasa is first line

Sulfasalazine tab/EC tab/susp

1.5.2 Corticosteroids
Budesonide MR cap
• for ileo-caecal disease

Hydrocortisone rectal foam
Prednisolone enema/rectal foam/suppos

1.5.3 Drugs affecting the immune response
Adalimumab inj
Specialist use only

Infliximab inj
Specialist use only, NICE TA

Shared care
PCT only
All

Use in conjunction with BNF (www.bnf.org) and agreed local/national guidelines
1.6 Laxatives

1.6.1 Bulk-forming laxatives
Ispaghula husk sach
Methylcellulose tab

1.6.2 Stimulant laxatives
Bisacodyl tab/suppos
Co-danthramer susp/strong susp
- only for constipation in terminal illness

Co-danthrusate cap
- only for constipation in terminal illness

Docusate sodium cap/liq
Glycerol suppos
Senna tab/liq
Sodium picosulfate liq

1.6.3 Faecal softeners
Arachis oil enema

1.6.4 Osmotic laxatives
Lactulose liq
- second line osmotic laxative

Macrogol oral powder/Laxido
- for chronic constipation/faecal impaction

Macrogol Paediatric oral powder
Magnesium hydroxide mixture
- first line osmotic laxative in adults

Phosphate enema
Sodium citrate microenemas/Micolette (FP10)

1.6.5 Bowel cleansing preparations
Klean-Prep sach
Magnesium sulphate 50% liq
- only when alternatives are inappropriate

Sodium picosulfate sach [Picolax]

Others
Gastrografin liq
Specialist use only

1.7 Local Preparations for Anal and Rectal Disorders

1.7.1 Soothing haemorrhoidal preparations
Anusol cream/ointment/suppos

Use in conjunction with BNF (www.bnf.org) and agreed local/national guidelines
1.7.2 Compound haemorrhoidal preparations with corticosteroids
Anusol HC oint/suppos
Proctosedyl oint/suppos/Uniroid-HC oint/suppos
Xyloproct oint

1.7.3 Rectal sclerosants
Oily phenol 5% inj Unlicensed

1.7.4 Management of anal fissures
Glyceryl trinitrate 0.4% oint Specialist initiation
• for chronic anal fissures

1.8 Stoma Care
Seek advice from Nurse Specialist – on 023 8079 6601 or SUHT ext 6601 or
Joanna.wagland@scpct.nhs.uk
Diana.farrow@scpct.nhs.uk
Elly.wiseman@scpct.nhs.uk
Jane.pelling@scpct.nhs.uk

See Stoma Care Accessories Formulary in primary care

1.9 Drugs Affecting Intestinal Secretions
1.9.1 Drugs affecting biliary composition and flow
Ursodeoxycholic acid tab/cap/susp

1.9.2 Bile acid sequestrants
Colestyramine sach

1.9.4 Pancreatin
Creon cap
Creon Micro granules
BNF SECTION 2 – CARDIOVASCULAR SYSTEM

2.1 Positive Inotropic Drugs

2.1.1 Cardiac glycosides
Digoxin tab/liq/inj

Digoxin-specific antibody
Digibind inj

2.1.2 Phosphodiesterase inhibitors
Milrinone inj Critical Care only

2.2 Diuretics

2.2.1 Thiazides and related diuretics
Bendroflumethiazide tab
• first line thiazide

Chlorothiazide susp Named patient, Child Health only
Metolazone tab

2.2.2 Loop diuretics
Bumetanide tab/liq/inj
Furosemide tab/liq/inj
• first line loop

2.2.3 Potassium-sparing diuretics and aldosterone antagonists
Amiloride tab/liq

Aldosterone antagonists
Eplerenone tab
• if hormonal side effects on spironolactone

Spironolactone tab/susp

2.2.4 Potassium-sparing diuretics with other diuretics
Co-amilofruse tab
• only as an aid to compliance

Others
Potassium canrenoate inj Named patient

2.2.5 Osmotic diuretics
Mannitol inj

2.3 Anti-arrhythmic Drugs

2.3.2 Drugs for arrhythmias
Adenosine inj
Ajmaline inj Named patient. Cardiology only
Specialist only Shared care PCT only All

Use in conjunction with BNF (www.bnf.org) and agreed local/national guidelines
• for provocative challenge in Brugada Syndrome

Amiodarone tab/inj
Bretylium inj
Disopyramide cap/inj
Flecainide tab/inj/liq

Lidocaine inj
Lidocaine 0.4% in glucose 5% inj
Magnesium sulphate 50% inj
Mexiletine cap
Phenytoin sodium inj
Procainamide inj
Propafenone tab
Sotalol tab
Verapamil tab/inj

2.4 Beta-adrenoceptor Blocking Drugs
Atenolol tab/liq/inj
Bisoprolol tab
• heart failure – first line

Carvedilol tab
• heart failure – second line

Esmolol inj
Labetalol tab/inj
Metoprolol tab/inj
• tabs for initiation, review after 24 hours

Propranolol tab/liq/MR cap/inj
• for thyrotoxicosis and migraine prophylaxis

2.5 Hypertension and Heart Failure

2.5.1 Vasodilator antihypertensive drugs
Hydralazine tab/inj
Iloprost inj
Minoxidil tab
Sildenafil tab [Revatio]
Sodium nitroprusside inj

2.5.2 Centrally acting antihypertensive drugs
Clonidine tab/inj
Methyldopa tab
Moxonidine tab

2.5.3 Adrenergic neurone blocking drugs
Guanethidine inj

Use in conjunction with BNF (www.bnf.org) and agreed local/national guidelines
2.5.4 Alpha-adrenoceptor blocking drugs
Doxazosin tab (not XL tab)

Phaeochromocytoma
Phenoxybenzamine cap/inj
Phentolamine inj Critical Care only

2.5.5 Drugs affecting the renin-angiotensin system

2.5.5.1 Angiotensin-converting enzyme inhibitors
Captopril tab/liq Liq is unlicensed
• Child Health and for patients particularly at risk of hypotension
Enalapril tab
Lisinopril tab
Ramipril cap
• first line ACE inhibitor

2.5.5.2 Angiotensin-II receptor antagonists
• only if patients have to discontinue ACE inhibitors due to cough
Candesartan tab
Losartan tab

2.6 Nitrates, Calcium-channel Blockers, and other Antianginal Drugs

2.6.1 Nitrates
Glyceryl trinitrate buccal tab
Glyceryl trinitrate 5mg/ml inj
Glyceryl trinitrate patch
Glyceryl trinitrate sub-lingual spray
Glyceryl trinitrate 500microgram sub-lingual tab
Isosorbide mononitrate tab
Isosorbide mononitrate LA cap/Isotard XL

2.6.2 Calcium-channel blockers
Amlodipine tab
• for hypertension; or angina if on beta-blocker
Diltiazem 60mg tab
Diltiazem LA cap [Slozem/Viazem XL]
• for angina if not on beta-blocker
Nifedipine cap/Adalat LA tab/Coracten cap
• for hypertension; or angina if on beta-

Specialist only Shared care PCT only All
Use in conjunction with BNF (www.bnf.org) and agreed local/national guidelines
Nimodipine tab/inj
• for subarachnoid haemorrhage

Verapamil tab/MR tab/inj
• for supraventricular arrhythmias

2.6.3 Other antianginal drugs
Ivabradine tab
• initiation by cardiology team or by GP
   (refer patient to hospital), for trial when a
   rate limiting drug is required but beta-
   blockers, diltiazem or verapamil are
   contra-indicated or not tolerated

Nicorandil tab
• third line angina

2.6.4 Peripheral vasodilators and related drugs
Papaverine inj

2.7 Sympathomimetics

2.7.1 Inotropic sympathomimetics
Adrenaline (epinephrine) inj
Dobutamine inj
Dopamine inj
Isoprenaline sulphate inj

2.7.2 Vasoconstrictor sympathomimetics
Ephedrine tab/inj
Metaraminol inj
Noradrenaline (norepinephrine) inj
Phenylephrine inj
• first line

2.8 Anticoagulants and Protamine

2.8.1 Parenteral anticoagulants
Heparin
Heparin calcium inj
Heparin sodium inj

Low molecular weight heparins
Enoxaparin inj
• red for extended thromboprophylaxis/
  amber in pregnancy/green for other
  recognised indications

Specialist only  Shared care  PCT only  All

Use in conjunction with BNF (www.bnf.org) and agreed local/national guidelines
**Heparinoids**

**Danaparoid inj**
- for thromboprophylaxis when history of heparin-induced thrombocytopenia

**Hirudins**

**Bivalirudin inj**
- for primary PCI in acute STEMI

**Lepirudin inj**
- for treatment of thrombosis when history of heparin-induced thrombocytopenia

**Heparin flushes**

**Heparin sodium flush**

**Epoprostenol**

**Epoprostenol inj**

**Others**

**Defibrotide inj**
- Named patient

**Fondaparinux**

**Fondaparinux inj**
- for thromboprophylaxis when history of heparin-induced thrombocytopenia only when danaparoid is unobtainable

---

2.8.2 Oral anticoagulants

**Phenindione tab**

**Rivaroxaban tab**
- NICE TA

**Warfarin tab**

2.8.3 Protamine sulphate

**Protamine sulphate inj**

---

2.9 Antiplatelet Drugs

**Abciximab inj**
- NICE TA

**Aspirin disp tab/suppos/inj** (not EC tab)
- NICE TA. Inj is named patient

**Clopidogrel tab**
- NICE TA

**Dipyridamole MR cap**
- NICE TA

**Prasugrel tab**
- NICE TA
- in SUHT initiated by Interventional Cardiologists only

**Ticlopidine tab**
- Named patient, specialist use

---

2.10 Myocardial Infarction and Fibrinolysis

**NICE CG**

2.10.2 Fibrinolytic drugs

**Alteplase inj**

**Specialist only**

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<th>Shared care</th>
<th>PCT only</th>
<th>All</th>
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Use in conjunction with BNF ([www.bnf.org](http://www.bnf.org)) and agreed local/national guidelines
• for pulmonary emboli or stroke

Streptokinase inj NICE TA
Tenecteplase inj NICE TA
Urokinase inj Named patient
• for clearing blocked lines/catheters and treatment of empyema only

2.11 Antifibrinolytic Drugs and Haemostatics
Aprotinin inj Named patient
Etamsylate tab CMH use only
Evicel kit
• for pancreatic and liver surgery only

Tisseel kit Specialist use
Tranexamic acid tab/inj
• for menorrhagia

2.12 Lipid-regulating Drugs NICE CGs and TA

Statins
Atorvastatin tab
• may be considered in patients with ACS

Pravastatin tab
• alternative to simvastatin if potential drug interactions, or simvastatin 40mg is contra-indicated or not tolerated

Simvastatin tab
• first choice statin

Bile acid sequestrants
Colestyramine sach

Ezetimibe
Ezetimibe tab
• mainly reserved as an adjunct to statins for patients with primary hypercholesterolaemia

Fibrates
Bezafibrate MR tab
• consider only when a statin or other effective treatments are contra-indicated or not tolerated

Fenofibrate cap
• first choice fibrate. Consider only when a statin or other effective treatments are contra-indicated or not tolerated

Specialist only Shared care PCT only All

Use in conjunction with BNF (www.bnf.org) and agreed local/national guidelines
Omega-3 fatty acid compounds
Omega-3-marine triglyceride cap

HPFT specialist use only

2.13 Local Sclerosants
Ethanolamine oleate inj
Sodium tetradecyl sulphate 0.5% and 3% inj

Use in conjunction with BNF (www.bnf.org) and agreed local/national guidelines
BNF SECTION 3 – RESPIRATORY SYSTEM

3.1 Bronchodilators

- MDI is preferred device in all patients who can use it correctly

Adrenaline (epinephrine) inhaler [Primatene Mist]  

3.1.1 Adrenoceptor agonists
Salbutamol CFC-free MDI/Easi-Breathe/Accuhaler/neb/inj
Terbutaline Turbohaler/neb

Long-acting beta$_2$ agonists (LABA)
Formoterol CFC-free MDI [Atimos Modulite]

- first line LABA

Salmeterol CFC-free MDI/Accuhaler  

3.1.2 Antimuscarinic bronchodilators
Ipratropium CFC-free MDI/neb

- first line antimuscarinic

Tiotropium inhaler

- in SUHT initiated by Respiratory Centre only
- for use only when symptoms persist despite regular use of ipratropium and salbutamol in moderate to severe disease
- Respimat can be used for patients who cannot use a Handihaler

3.1.3 Theophylline
Aminophylline inj
Caffeine citrate mixture/inj  

Theophylline MR tab [Slo-Phyllin/Nuelin]

- specify brand
- other brands available for existing patients

3.1.5 Peak flow meters, inhaler devices and nebulisers

- MDI is preferred device in all patients who can use it correctly

AeroChamber Plus
Babyhaler
Haleraid
Volumatic

3.2 Corticosteroids

Specialist only  Shared care  PCT only  All

Use in conjunction with BNF (www.bnf.org) and agreed local/national guidelines
• MDI is preferred device in all patients who can use it correctly

**Beclometasone CFC-free MDI**
- first line ICS
- specify brand [Qvar or Clenil Modulite] because not dose equivalent

**Beclometasone CFC-free Easi-Breathe [Qvar]**
**Budesonide CFC-free MDI/Turbohaler/neb**
**Fluticasone CFC-free MDI/Accuhaler**

**Combination products**
- Beclometasone and formoterol CFC-free MDI [Fostair]
- Budesonide and formoterol Turbohaler [Symbicort]
  - second/third line use

### 3.3 Cromoglicate and Related Therapy and Leukotriene Receptor Antagonists

#### 3.3.1 Cromoglicate and related therapy
**Sodium cromoglicate MDI**

#### 3.3.2 Leukotriene receptor antagonists
**Montelukast tab/chew tab/granules**
- granules if unable to take alternatives

**Zafirlukast tab**
- if montelukast is not suitable

### 3.4 Antihistamines, Hyposensitisation, and Allergic Emergencies

**Patch testing/intradermal allergy tests/skin prick tests** Routinely available

#### 3.4.1 Antihistamines

**Non-sedating antihistamines**
**Cetirizine tab/liq**
- first line non-sedating

**Fexofenadine tab**
**Loratidine tab**
- option in PCT for seasonal allergic rhinitis

**Sedating antihistamines**
**Alimemazine (trimeprazine) tab/liq**
- for premedication

**Chlorphenamine tab/liq/inj**

Use in conjunction with BNF ([www.bnf.org](http://www.bnf.org)) and agreed local/national guidelines
Cyproheptadine tab
Hydroxyzine tab
Promethazine tab/liq/inj

Paediatric Oncology only
Dermatology only

3.4.2 Allergen immunotherapy
Omalizumab inj
• for severe persistent allergic asthma

3.4.3 Allergic emergencies
Adrenaline (epinephrine) inj
EpiPen Adult and Junior inj
• for self-administration

3.5 Respiratory Stimulants and Pulmonary Surfactants

3.5.1 Respiratory stimulants
Doxapram inj

3.5.2 Pulmonary surfactants
Poractant alfa susp
Neonatal Unit only

3.7 Mucolytics
Acetylcysteine eff tab
• for idiopathic pulmonary fibrosis

Acetylcysteine inj (nebulised)
Carbocisteine cap/liq
Dornase alfa neb
Hypertonic saline neb
Specialist use

3.8 Aromatic Inhalations
Benzoin compound tincture [Friar’s Balsam]

3.9 Cough Preparations

3.9.1 Cough suppressants
Codeine linctus
Methadone linctus
Pholcodine linctus
FP10 use

3.9.2 Expectorant and demulcent cough preparations
Simple linctus

Use in conjunction with BNF (www.bnf.org) and agreed local/national guidelines
4.1 Hypnotics and Anxiolytics

4.1.1 Hypnotics

**Benzodiazepines**
- Nitrazepam tab/susp
- Temazepam tab/liq
  - first line

**Zaleplon, zolpidem, and zopiclone**
- Zopiclone tab
  - PCT/HPFT

**Chloral and derivatives**
- Chloral hydrate liq/suppos
- Triclofos liq

**Clomethiazole**
- Clomethiazole cap

**Melatonin**
- Melatonin tab/cap
  - first line:
    - use *melatonin MR 2mg tab* ‘off label’ if formulation is appropriate
  - second line:
    - use tabs/caps which are named patient drugs
  - third line:
    - can import a melatonin product with no marketing authorisation

**Others**
- Midazolam inj/liq
  - Liq is unlicensed

4.1.2 Anxiolytics

**Benzodiazepines**
- Clonazepam tab
  - HPFT only
- Diazepam tab/liq/inj/rect liq/Diazemuls
- Lorazepam tab/inj

**Buspirone**
- Specialist only
- Shared care
- PCT only
- All

Use in conjunction with BNF (www.bnf.org) and agreed local/national guidelines
4.2 Drugs Used in Psychoses and Related Disorders

4.2.1 Antipsychotic drugs

Benperidol tab
Chlorpromazine tab/liq
Flupenthixol tab/inj
Haloperidol tab/liq/inj
Levomepromazine (methotrimeprazine) tab/inj
Promazine tab/liq/inj
Sulpiride tab/liq
Trifluoperazine tab/MR cap/liq
Zuclopenthixol acetate inj

Atypical antipsychotic drugs

Amisulpride tab/liq
Aripiprazole tab
• second line if existing atypical ineffective or not tolerated

Clozapine tab
• for treatment-resistant schizophrenia

Olanzapine tab/orodispersible tab
• orodispersible tabs restricted to patients with swallowing difficulties

Quetiapine tab/MR tab
Risperidone tab/liq/orodispersible tab
• orodispersible tabs restricted to patients with swallowing difficulties

4.2.2 Antipsychotic depot injections

Flupenthixol decanoate inj [Depixol]
Fluphenazine decanoate inj [Modecate]
Haloperidol decanoate inj [Haldol]
Pipotiazine palmitate inj
Risperidone inj
Zuclopenthixol decanoate inj [Clopixol]

4.2.3 Antimanic drugs

Lithium carbonate MR tab [Priadel]
• specify brand
• other brands available

Lithium citrate liq [Priadel]
Sodium valproate tab/MR tab/liq
• agreed locally for unlicensed use (Depakote is not recommended on cost grounds)

Specialist only Shared care PCT only All

Use in conjunction with BNF (www.bnf.org) and agreed local/national guidelines
4.3 Antidepressant Drugs

4.3.1 Tricyclic and related antidepressant drugs
- Amitriptyline tab/liq
- Clomipramine cap
- Imipramine tab
- Lofepramine tab/susp
- Nortriptyline tab
- Trazodone cap/liq
  - Psychiatry only
  - for agitation in elderly dementia

4.3.2 Monoamine-oxidase inhibitors
- Phenelzine tab
  - Specialist use

4.3.3 Selective serotonin re-uptake inhibitors
- Citalopram tab/liq
  - first line option
- Escitalopram tab
  - third line on Consultant psychiatrist’s advice
- Fluoxetine cap/liq
  - first line option
- Paroxetine tab/susp
- Sertraline tab
  - first line option

4.3.4 Other antidepressant drugs
- Agomelatine tab
  - For use within HPFT. Initiated or recommended by a psychiatrist
  - a third line option where adverse effects of alternative antidepressants make them unacceptable to patients (sexual dysfunction and sleep disturbance)
- Flupentixol tab
- Mirtazapine tab/orodispersible tab
  - orodispersible tabs restricted to patients with swallowing difficulties
- Reboxetine tab
- Venlafaxine tab/MR
  - third line

4.4 CNS Stimulants and Drugs used for Attention Deficit Hyperactivity Disorder
- drugs for ADHD should only be initiated by specialists, but can be continued by GPs
  - NICE TA and CG
  - Specialist only
  - Shared care
  - PCT only
  - All

Use in conjunction with BNF (www.bnf.org) and agreed local/national guidelines
4.5 Drugs Used in the Treatment of Obesity

4.5.1 Anti-obesity drugs acting on the gastro-intestinal tract
Orlistat cap NICE CG

4.6 Drugs Used in Nausea and Vertigo

Antihistamines
Cinnarizine tab
• for labyrinthine vertigo or acute treatment of Ménière’s disease

Cyclizine tab/inj

Phenothiazines and related drugs
Prochlorperazine tab/liq/inj/suppos/buccal tab
• buccal tabs are green when used for hyperemesis of pregnancy otherwise blue
Haloperidol tab/inj Palliative Care
Levomepromazine (methotrimeprazine) Palliative Care tab/inj

Domperidone and metoclopramide
Domperidone tab/liq/suppos
Metoclopramide tab/liq/inj

5HT3 antagonists
Granisetron tab/inj
• after ondansetron has failed in children receiving chemotherapy and patients with gut failure

Ondansetron tab/liq/inj
• for chemotherapy-induced nausea/vomiting which is intractable or unresponsive to other agents

Neurokinin receptor antagonist
Aprepitant cap Specialist use only
• for chemotherapy-induced nausea/vomiting

Hyoscine
Hyoscine tab/patch/inj Clozapine-induced hypersalivation (tab/patch) or Terminal care

Specialist only Shared care PCT only All

Use in conjunction with BNF (www.bnf.org) and agreed local/national guidelines
Other drugs for Ménière’s disease
Beta-histine tab
- for prophylaxis in proven Ménière’s disease

4.7 Analgesics
- see section 10.1.1 for non-steroidal analgesics

4.7.1 Non-opioid analgesics
Aspirin tab/suppos (not EC tab)
Co-codamol 8/500 eff tab
Co-codamol 30/500 tabs
- soluble preparations have a high sodium content
Co-dydramol tab
Paracetamol tab/eff tab/susp/suppos/inj
- inj only if oral/rectal routes are unavailable or inappropriate

4.7.2 Opioid analgesics
Alfentanil inj
Buprenorphine 5-20 microgram/hour weekly patch [Butrans]
- exceptional use only
Buprenorphine 35-70 microgram/hour 96 hour patch [Transtec]
- exceptional use only
Codeine phosphate tab/liq/suppos/inj
Diamorphine tab/inj
Dihydrocodeine tab/liq (not MR tab)
Fentanyl lozenge with oromucosal applicator [Actiq]
- for painful procedures
Fentanyl patch
- not first line
Methadone 10mg/ml liq
Morphine sulphate tab/MR cap/liq/sach/inj/suppos
Oxycodone inj
- second line PCA
Oxycodone liq
- in SUHT, for patients who have previously been prescribed oxycodone MR due to intolerance to morphine

Specialist only  Shared care  PCT only  All

Use in conjunction with BNF (www.bnf.org) and agreed local/national guidelines
**Oxycodone liq**
- in SUHT, for patients who require oral treatment after oxycodone PCA

**Oxycodone MR tab**
- a second line choice at step 3

**Pethidine tab/inj**
**Tramadol cap/inj** (not MR)
- not a first line option. Inj only for patients who are NBM

### 4.7.3 Neuropathic pain

- **Amitriptyline tab/liq**
  - a first line choice at step 2

**Carbamazepine tab/liq/suppos**
**Duloxetine cap**
- third line in patients with concurrent depression when other neuropathic agents have failed

**Gabapentin cap**
- if amitriptyline is ineffective or contraindicated; or first line if pain is lancinating in nature (‘electric shocks’)

**Lidocaine plaster**
- for focal neuralgia when other treatment options have failed or cannot be used due to co-morbidities

**Paracetamol tab/eff tab/susp/suppos**
- first line

**Phenytoin cap/susp**
**Pregabalin cap**
- second line when gabapentin is effective but not well tolerated. Third line if steps 2 and 3 have failed

### 4.7.4 Antimigraine Drugs

#### 4.7.4.1 Treatment of the acute migraine attack

**Analgesics**
- Paracetamol or aspirin (preferably in a soluble or dispersible form) +/- metoclopramide
- first line

---

Use in conjunction with BNF (www.bnf.org) and agreed local/national guidelines
5HT₁ agonists
Almotriptan tab
• second line oral triptan

Sumatriptan tab/inj/nasal spray
• 50mg tab – first line oral triptan
• inj for migraine, if oral or nasal preparations fail, or cluster headache

Zolmitriptan nasal spray
• useful if patients vomit

4.7.4.2 Prophylaxis of migraine
Amitriptyline tab/liq
Pizotifen tab
Propranolol tab/liq

4.8 Antiepileptic Drugs

4.8.1 Control of epilepsy
Carbamazepine tab/chew tab/MR tab/liq/suppos
• for partial seizures and secondary generalized tonic-clonic seizures

Clobazam tab
Clonazepam tab/inj
Ethosuximide cap/liq
Gabapentin cap
Lacosamide tab/liq
• for refractory partial epilepsy

Lamotrigine tab/disp tab
• for primary generalized epilepsy (including absences and myoclonus), partial seizures, secondary generalized tonic-clonic seizures

Levetiracetam tab/liq/inj
Oxcarbazepine tab/susp
Phenobarbital tab/liq/inj
Phenytoin tab/cap/susp/inj
Pregabalin cap
• not a first line choice

Primidone tab
Rufinamide tab
• initiated by Paediatric Neurologists for Lennox Gastaut syndrome

Sodium valproate tab/MR tab/liq/inj

Specialist only Shared care PCT only All

Use in conjunction with BNF (www.bnf.org) and agreed local/national guidelines
• for primary generalized epilepsy (including absences and myoclonus), partial seizures, secondary generalized tonic-clonic seizures

Tiagabine tab
Topiramate tab/sprinkle cap
Vigabatrin tab/sach
Zonisamide cap

4.8.2 Drugs used in status epilepticus
Diazepam rect liq/inj/Diazemuls
Lorazepam inj
Midazolam buccal liq
Paraldehyde and olive oil enema
Phenobarbital inj
Phenytoin sodium inj
Pyridoxine inj

Named patient, Child Health only
Named patient
Named patient, Child Health only

4.9 Drugs Used in Parkinsonism and Related Disorders

4.9.1 Dopaminergic drugs used in parkinsonism

Dopamine receptor agonists
Apomorphine inj
• Consultant initiated in severe disease

Bromocriptime tab/cap
• not a first line option

Cabergoline tab
• not a first line option

Pergolide tab
Pramipexole tab
• also third/fourth line for restless legs syndrome
• check base/salt equivalence

Ropinirole tab
• an initial choice, particularly in younger patients

Rotigotine patch
• only for patients unable to take oral medication

Levodopa
Co-beneldopa cap/disp tab/MR cap [Madopar]
Co-careldopa tab/MR tab [Sinemet]

Monoamine-oxidase-B inhibitors

Specialist only Shared care PCT only All

Use in conjunction with BNF (www.bnf.org) and agreed local/national guidelines
Selegiline tab/liqu. Existing patients only

**Catechol-O-methyltransferase inhibitors**

**Entacapone tab**
- can be used with levodopa preparations to reduce “off-time” in later Parkinson’s disease

**Tolcapone tab**
- only when entacapone is inappropriate

**Amantadine**

Amantadine cap

**4.9.2 Antimuscarinic drugs used in parkinsonism**

**Orphenadrine tab/liqu.**

**Procyclidine tab/liqu/inj.**

**Trihexyphenidyl (benzhexol) tab/liqu.**

**4.9.3 Drugs used in essential tremor, chorea, tics and related disorders**

**Botulinum A toxin inj.** Restricted use – discuss with Care Group Pharmacist
- specify brand

**Haloperidol tab/liqu/inj.**

**Riluzole tab.** NICE TA

**Tetrabenazine tab.**

**4.10 Drugs Used in Substance Dependence**
- usually initiated by specialists in substance misuse

**Alcohol dependence**

**Acamprosate tab.**

**Chlordiazepoxide cap.** for alcohol withdrawal

**Disulfiram tab.**

**Cigarette smoking**

**Bupropion tab.** NICE PH. As part of smoking cessation programme

**Nicotine patch.** NICE PH. As part of smoking cessation programme

**Varenicline tab.** NICE TA and PH. As part of smoking cessation programme

**Opioid dependence**

**Buprenorphine sub-lingual tab [Subutex].** NICE TA
- second line
- not initiated in SUHT

**Buprenorphine and naloxone sub-lingual tab.**

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<th>PCT only</th>
<th>All</th>
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Use in conjunction with BNF (www.bnf.org) and agreed local/national guidelines
[Suboxone]  
- not initiated in SUHT

Methadone oral solution 1mg/ml  
Naltrexone tab  

4.11 Drugs for Dementia  

Rivastigmine cap  
- for dopaminergic drug-induced psychosis

Donepezil tab  
Galantamine tab/MR/liq  
- liq for patients unable to swallow tabs

Memantine tab/liq  
- HPFT - specialist initiated  
- liq for patients unable to swallow tabs

Rivastigmine cap/liq/patch  
- liq for patients unable to swallow caps

Others  
Pirenzapine tab  

Use in conjunction with BNF (www.bnf.org) and agreed local/national guidelines
BNF SECTION 5 – INFECTIONS

See relevant local guidelines or consultant microbiology for advice

5.1 Antibacterial Drugs

Tauroloidine, citrate and heparin solution
[TauroLock-Hep500]

5.1.1 Penicillins

5.1.1.1 Benzylpenicillin and phenoxyethylpenicillin
Benzylpenicillin inj
Phenoxyethylpenicillin (penicillin V) tab/liq

5.1.1.2 Penicillinase-resistant penicillins
Flucloxacillin cap/liq/inj
Temocillin inj

5.1.1.3 Broad-spectrum penicillins
Amoxicillin cap/sach/susp/inj
Co-amoxiclav tab/disp tab/susp/inj

5.1.1.4 Antipseudomonal penicillins
Piperacillin and tazobactam inj
Ticarcillin plus clavulanic acid inj [Timentin]

5.1.1.5 Mecillinams
Pivmecillinam tab

5.1.2 Cefalosporins, carbapenems, and other beta-lactams

5.1.2.1 Cefalosporins
Cefaclor cap/MR tab/susp
Cefalexin cap/susp
Cefixime tab
Cefixime susp
Cefotaxime inj
Ceftazidime inj
Ceftriaxone inj
Cefuroxime inj

5.1.2.2 Carbapenems
Ertapenem inj
Imipenem with cilastin inj [Primaxin]
Meropenem inj

5.1.2.3 Other beta-lactam antibiotics
Aztreonam inj

5.1.3 Tetracyclines
Specialist only
Shared care
PCT only
All

Use in conjunction with BNF (www.bnf.org) and agreed local/national guidelines
Demeclocycline cap
- for treatment of SIADH

Doxycycline cap/disp tab/inj
- disp only if cannot swallow caps
  Inj is unlicensed

Lymecycline cap
Minocycline tab (not MR caps)
Oxytetracycline tab
Tigecycline inj
  Dermatology only

5.1.4 Aminoglycosides
Amikacin inj
Gentamicin inj
Neomycin tab/susp
- gut sterilisation prior to BMT
  Cancer Care

Tobramycin inj/neb
  Neb specialist use only

5.1.5 Macrolides
Azithromycin cap/tab/susp
Clarithromycin tab/susp/inj
Erythromycin tab/susp
  Second line - follow guideline

5.1.6 Clindamycin
Clindamycin cap/susp/inj
  Susp is named patient

5.1.7 Some other antibacterials
Chloramphenicol cap/inj
Colistin inj [Colomycin]
- inj can be nebulised
  Specialise use advice

Colistin tab/liq
- for gut sterilisation prior to BMT
  Cancer Care

Daptomycin inj
Linezolid tab/inj/susp
- susp for patients unable to swallow tabs
  Specialist use only

Quinupristin with dalfopristin inj [Synercid]
Rifaximin tab
- for refractory hepatic encephalopathy
  Named patient

Sodium fusidate tab/inj/fusidic acid susp
Teicoplanin inj
Vancomycin inj (orally)/cap
- in-patients with C. difficile - use inj orally
- out-patients or TTOs for C. difficile – use caps

5.1.8 Sulphonamides and trimethoprim
Specialist only
Shared care
PCT only
All

Use in conjunction with BNF (www.bnf.org) and agreed local/national guidelines
Co-trimoxazole tab/susp/inj  
Sulphamethoxypyridazine tab  
Trimethoprim tab/susp

5.1.9 Antituberculous drugs
Ethambutol tab
Isoniazid tab/liq/inj
Pyrazinamide tab
Rifabutin cap
  • for Mycobacterium avium prophylaxis
Rifampicin cap/liq/inj
Rifampicin and isoniazid tab
Rifampicin, isoniazid and pyrazinamide tab [Rifater]
Streptomycin inj

5.1.10 Antileprotic drugs
Dapsone tab
Rifampicin cap/liq/inj

5.1.11 Metronidazole
Metronidazole tab/susp/suppos/inj

5.1.12 Quinolones
Ciprofloxacin tab/susp/inj
Moxifloxacin tab
  • for MDR TB or XDR TB or on micro advice
Norfloxacin tab
Ofloxacin tab/inj

5.1.13 Urinary-tract infections
Fosfomycin sach
  Named patient, specialist advice only
Nitrofurantoin tab/susp
Norfloxacin tab
Trimethoprim tab/susp

5.2 Antifungal Drugs
Amphotericin inj
Amphotericin liposomal inj [Abelcet, Ambisome]
Caspofungin inj
Flucytosine inj
Itraconazole cap/liq/inj
Ketoconazole tab
Nystatin oral susp
Posaconazole susp
Terbinafine tab

Specialist only  Shared care  PCT only  All

Use in conjunction with BNF (www.bnf.org) and agreed local/national guidelines
Voriconazole tab/susp/inj  Specialist use only

5.3 Antiviral Drugs

5.3.1 HIV Infection  GUM and Child Health specialists only

**Nucleoside reverse transcriptase inhibitors**
- Abacavir tab
- Abacavir and lamivudine tab [Kivexa]
- Didanosine tab/EC cap
- Efavirenz, emtricitabine and tenofovir tab [Atripla]
- Emtricitabine cap
- Lamivudine tab/liq
- Stavudine cap
- Tenofovir tab
- Tenofovir and emtricitabine tab [Truvada]
  - only when Combivir unsuitable
- Zidovudine cap/liq/inj
- Zidovudine and lamivudine tab [Combivir]
- Zidovudine, lamivudine and abacavir tab [Trizivir]

**Protease inhibitors**
- Atazanavir cap
- Darunavir 300mg tab
- Fosamprenavir tab
- Lopinavir and ritonavir tab/cap [Kaletra]
  - caps for paediatrics
- Ritonavir cap/liq
- Saquinavir cap/tab

**Non-nucleoside reverse transcriptase inhibitors**
- Efavirenz tab/cap
- Etravirine tab
- Nevirapine tab/susp

5.3.2 Herpesvirus infections

5.3.2.1 Herpes simplex and varicella-zoster infection
- Aciclovir tab/disp tab/susp/inj
- Valaciclovir tab
  - second line

5.3.2.2 Cytomegalovirus infection
- Foscarnet inj
- Ganciclovir inj
- Valganciclovir tab

Specialist only  Shared care  PCT only  All

Use in conjunction with BNF (www.bnf.org) and agreed local/national guidelines
5.3.3 Viral hepatitis
Adefovir tab  NICE TA
Interferon alpha inj  NICE TA
Peginterferon alfa inj [Pegasys]  NICE TA
Ribavirin tab [Copegus]  NICE TA
Tenofovir tab  NICE TA

5.3.4 Influenza
Oseltamivir cap/susp  NICE TA or pandemic flu
Zanamivir inhalation  NICE TA or pandemic flu

5.3.5 Respiratory synctial virus
Palivizumab inj  Neonatal unit
Ribavirin inhalation/inj  Specialist use only. Inj is unlicensed

5.4 Antiprotozoal Drugs

5.4.1 Antimalarials – treatment only
Chloroquine tab
Doxycycline cap
Malarone tab
Mefloquine tab
Primaquine tab
Pyrimethamine and sulfadoxine tab [Fansidar]
Quinine dihydrochloride inj
Quinine sulphate tab

Prophylaxis for travellers  Prescribe privately

Other protozoal infestations  Seek expert advice

5.4.4 Antigiardial drugs
Mepacrine tab  Named patient
• for lupus

5.4.7 Drugs for toxoplasmosis  Seek expert advice
Pyrimethamine tab
Sulfadiazine tab

5.4.8 Drugs for Pneumocystis pneumonia
Atovaquone susp
Clindamycin cap/susp/inj  Susp is named patient
Co-trimoxazole tab/susp/inj  • first line
Dapsone tab
Pentamidine isethionate neb/inj
Primaquine tab  Named patient
Trimethoprim tab/susp

Specialist only  Shared care  PCT only  All

Use in conjunction with BNF (www.bnf.org) and agreed local/national guidelines
5.5 Anthelmintics

5.5.1 Drugs for threadworms
Mebendazole tab/susp
Piperazine sach
• for children under 2 years
BNF SECTION 6 – ENDOCRINE SYSTEM

6.1 Drugs Used in Diabetes

6.1.1.1 Short-acting insulins
- Humalog vial and 3ml cartridge
- Human Actrapid vial
- NovoRapid vial and 3ml cartridge

6.1.1.2 Intermediate- and long-acting insulins
- Long-term insulins initiated on specialists’ advice

**Single preparations**
- Human Insulatard vial and 3ml cartridge
- Levemir 3ml cartridge
- Lantus vial, 3ml cartridge and Solostar

**Mixed preparations**
- Humalog Mix25 3ml cartridge
- Humalog Mix50 3ml cartridge
- Human Mixtard 30 vial and 3ml cartridge
- Humulin M3 vial and 3ml cartridge
- NovoMix 30 3ml cartridge and FlexPen

6.1.2 Antidiabetic drugs

6.1.2.1 Sulphonylureas
- Glibenclamide tab
  - for gestational diabetes only
- Gliclazide tab
- Glipizide tab
- Tolbutamide tab

6.1.2.2 Biguanides
- Metformin tab/sach/MR tabs
  - first line in most patients
  - in SUHT, MR tabs are for existing patients

6.1.2.3 Other antidiabetic drugs
- Acarbose tab
- Exenatide inj
- Liraglutide inj
  - if exenatide is not tolerated. Maximum dose 1.2mg daily
- Pioglitazone tab
- Rosiglitazone tab
- Sitagliptin tab

Specialist only  Shared care  PCT only  All

Use in conjunction with BNF (www.bnf.org) and agreed local/national guidelines
6.1.3 Diabetic ketoacidosis
- see section 6.1.1.1 for soluble insulins

6.1.4 Treatment of hypoglycaemia
Diazoxide tab
Glucagon inj
Glucose 50% inj
Glucose oral 40% gel

6.1.6 Diagnostic and monitoring agents for diabetes mellitus

Blood glucose monitoring
- Performa

Urinalysis
- Glucose
- Clinitest
- Diastix
- Ketodiastix
- Albustix
- Uristix
- Multistix 8 SG
- Multistix SG

Ketones and glucose

Protein

Protein and glucose

Glucose, protein, pH, ketones, specific gravity, blood, nitrite, leucocytes

Glucose, protein, blood, ketones, urobiligen, pH, bilirubin, specific gravity

Oral glucose tolerance test
- Lucozade
- From NHS Logistics for Child Health
- Polycal
- For adults

6.2 Thyroid and Antithyroid Drugs

6.2.1 Thyroid hormones
Levothyroxine sodium tab
Liothyronine sodium tab/inj

6.2.2 Antithyroid drugs
Carbimazole tab
Propranolol tab/liq/MR cap/inj
- for rapid relief of thyrotoxic symptoms

Iodine aqueous solution BP
Propylthiouracil tab

6.3 Corticosteroids

6.3.1 Replacement therapy
Fludrocortisone tab

6.3.2 Glucocorticoid therapy
Betamethasone inj

Specialist only
Shared care
PCT only
All

Use in conjunction with BNF (www.bnf.org) and agreed local/national guidelines
Betamethasone soluble tab
• for use as mouthwash only

Dexamethasone tab/liq/inj
Hydrocortisone tab/inj
Methylprednisolone inj
Prednisolone tab/soluble tab (not EC tab)

6.4 Sex Hormones

6.4.1 Female sex hormones
Raloxifene tab NICE TA
• osteoporosis – second line

6.4.1.1 Oestrogens and HRT
• oral preparations are considered first line for most women

Conjugated oestrogens with progestogen

Sequential combined
Elleste Duet tab
Evorel Sequi patch

Continuous combined
Elleste Duet Conti tab
Evorel Conti patch

Oestrogen only
Elleste Solo tab
Evorel patch

Estradiol only
Estradiol implants
Estradiol valerate tab [Progynova]

Others
Ethinyloestradiol tab Specialist use
Tibolone tab

6.4.1.2 Progestogens
Medroxyprogesterone tab/inj
Norethisterone tab
Progesterone pess

6.4.2 Male sex hormones and antagonists

Testosterone and esters
Sustanon inj GUM only
Testosterone enantate inj
Testosterone implants

Use in conjunction with BNF (www.bnf.org) and agreed local/national guidelines
Testosterone patch [Intrinsa]
- for hypoactive sexual desire disorder associated with surgically-induced menopause

Testosterone undecanoate inj [Nebido]
- for hypogonadism

Anti-androgens
Cyproterone acetate tab
Finasteride tab
- for men with a significantly enlarged prostate

6.4.3 Anabolic steroids
Oxandrolone tab Named patient

6.5 Hypothalamic and Pituitary Hormones and Anti-oestrogens

6.5.1 Hypothalamic and anterior pituitary hormones and anti-oestrogens

Anti-oestrogens
Clomifene citrate tab

Anterior pituitary hormones
Tetracosactide inj/depot inj [Synacthen]

Gonadotrophins
Chorionic gonadotrophin inj (HCG)
Human menopausal gonadotrophins inj (menotropin)

Growth hormone
Somatropin inj NICE TAs

Hypothalamic hormones
Gonadorelin inj (LHRH) Named patient
Protirelin inj (TRH)

Others
Corticotropin releasing factor inj Named patient

6.5.2 Posterior pituitary hormones and antagonists
Desmopressin tab/nasal spray/nasal drops/inj
Desmopressin 150microgram per metered dose nasal spray Named patient
- for von Willebrand’s disease

Terlipressin inj
Vasopressin inj

Specialist only Shared care PCT only All

Use in conjunction with BNF (www.bnf.org) and agreed local/national guidelines
6.6 Drugs Affecting Bone Metabolism

6.6.1 Calcitonin and parathyroid hormone
Calcitonin (salmon)/salcatonin inj
Teriparatide inj
Specialist use only, NICE TA

6.6.2 Bisphosphonates and other drugs affecting bone metabolism
Alendronic acid - once weekly tab
Disodium pamidronate inj
Ibandronic acid inj [Bonviva]
Specialist use only
- for patients unable to tolerate oral medication

Ibandronic acid tab
- for bone metastases in breast cancer

Risedronate sodium - once weekly tab
- an alternative to alendronic acid or a first line option for patients with glucocorticoid-induced osteoporosis

Sodium clodronate cap/tab
Strontium ranelate granules
- particularly for primary prevention of fragility fractures in women aged over 80 years, for women over 75 with a previous fragility fracture, and for patients intolerant of bisphosphonates
Zoledronic acid 5mg/100ml inj
Zoledronic acid 4mg inj
Specialist use only

6.7 Other Endocrine Drugs

6.7.1 Bromocriptine and other domaminergic drugs
Bromocriptine tab
Cabergoline 500microgram tab

6.7.2 Drugs affecting gonadotrophins
- see also section 8.3.4.2

Danazol cap
Goserelin 3.6mg implant
Leuprolelin 3.75mg inj [Prostap SR]
Triptorelin inj
- first choice where licensed
- Decapeptyl SR 11.25mg for precocious puberty

6.7.3 Metyrapone and trilostane
Metyrapone cap

Specialist only
Shared care
PCT only
All

Use in conjunction with BNF (www.bnf.org) and agreed local/national guidelines
BNF SECTION 7 – OBSTETRICS, GYNAECOLOGY, URINARY TRACT DISORDERS

7.1 Drugs Used in Obstetrics

7.1.1 Prostaglandins and oxytocics

Carboprost inj
Dinoprostone vaginal tab/inj
Ergometrine inj
Misoprostol tab

• for TOP

Oxytocin inj
Oxytocin and ergometrine inj [Syntometrine]

7.1.1.1 Ductus arteriosus

Dinoprostone inj

• for ductus arteriosum

Ibuprofen inj
Indometacin inj

7.1.2 Mifepristone

Mifepristone tab

7.1.3 Myometrial relaxants

Atosiban inj

• second line after nifedipine

Nifedipine cap
Terbutaline inj

7.2 Treatment of Vaginal and Vulval Conditions

7.2.1 Preparations for vaginal and vulval changes

Estriol 0.1% cream [Ovestin]

7.2.2 Vaginal and vulval infections

Preparations for vaginal and vulval candidiasis

Clotrimazole 1% cream
Clotrimazole 200mg and 500mg pess
Clotrimazole 10% vaginal cream
Miconazole 100mg pess
Miconazole 1.2g vaginal cap

Preparations for other vaginal infections

Clindamycin vaginal cream
Metronidazole vaginal gel

GUM only

Specialist only Shared care PCT only All

Use in conjunction with BNF (www.bnf.org) and agreed local/national guidelines
7.3 Contraceptives

7.3.1 Combined hormonal contraceptives

- NOT normally initiated in hospitals.
  Preparations coloured ‘blue’ are stocked by
  SUHT pharmacies only for use within PCT
  Community based Contraception and
  Sexual Health Services

**Ethinylestradiol 20microgram**

- appropriate for women with risk factors for
  circulatory disease, provided a COC is
  otherwise suitable

  *Loestrin 20* (with norethisterone acetate 1mg)
  *Mercilon* (with desogestrel
  150microgram)
- second line option

**Ethinylestradiol 30microgram**

- *Femodene* (with gestodene 75microgram)
  - second line option

- *Microgynon 30/Ovranette* (with levonorgestrel
  150microgram)
- *Marvelon* (with desogestrel 150microgram)
  - second line option

- *Yasmin* (with drospirenone 3mg)
  - third line use only

**Ethinylestradiol 35microgram**

- *Cilest* (with norgestimate 250microgram)
  - second line option

- *Norimmin* (with norethisterone 1mg)
  - second line option

- *Ovysmen* (with norethisterone
  500microgram)

**Triphasic preparations**

- no longer routinely recommended

  *Logynon* For existing patients
  *TriNovum* For existing patients

7.3.2 Progestogen-only contraceptives

7.3.2.1 Oral progestogen-only contraceptives

- NOT normally initiated in hospitals

Use in conjunction with BNF ([www.bnf.org](http://www.bnf.org)) and agreed local/national guidelines
Cerazette (desogestrel 75microgram)
• option for women who should avoid oestrogens or when compliance with traditional POPs is problematic

Femulen (etynodiol diacetate 500microgram)
• second line option

Micronor (norethisterone 350microgram)

7.3.2.2 Parenteral progestogen-only contraceptives
Etonogestrel implant [Implanon] Only to be inserted and removed by trained professionals

Medroxyprogesterone acetate inj [Depo-Provera]
Norethisterone enanthate inj [Noristerat]
• for short-term, interim contraception

7.3.2.3 Intra-uterine progestogen-only device
Levonorgestrel intra-uterine system [Mirena] Special clinics only

7.3.3 Spermicidal contraceptives
Nonoxinol ‘9’ gel

7.3.4 Contraceptive devices
Copper intra-uterine devices

7.3.5 Emergency contraception
Levonorgestrel 1.5mg tab
Ulipristal acetate tab
• second line, 72 to 120 hours post-unprotected sexual intercourse, if fitting a coil is not possible or acceptable

7.4 Drugs for Genito-urinary Disorders

7.4.1 Drugs for urinary retention
Doxazosin tab (not XL tab)
Tamsulosin MR cap

7.4.2 Drugs for urinary frequency, enuresis and incontinence NICE CG
Oxybutynin tab/liq
• first line

Oxybutynin MR tab
• third line

Solifenacin tab
• second line option

Use in conjunction with BNF (www.bnf.org) and agreed local/national guidelines
Tolterodine tab
• when MR inappropriate

Tolterodine MR cap
• second line option

Trospium tab
• second line option

7.4.3 Drugs used in urological pain
Potassium citrate liq

7.4.4 Bladder instillations and urological surgery

Urological surgery
Glycine irrigation

Maintenance of indwelling urinary catheters
Chlorhexidine 0.02% solution
Sodium chloride 0.9% solution
Solution G

Interstitial cystitis
Dimethyl sulfoxide 50% solution
Named patient, Urology specialist use only

7.4.5 Drugs for erectile dysfunction
In SUHT: Specialist Urology Clinic only for ‘severe distress’

Alprostadil inj
Sildenafil tab
• first line

Tadalafil tab
• if visual disturbances occur with sildenafil, or a longer duration of action is required

Others
Hyalobarrier Gel and Hyalobarrier Gel Endo
• for localised use in the uterus only, for prevention of adhesions

Specialist only               Shared care               PCT only               All
Use in conjunction with BNF (www.bnf.org) and agreed local/national guidelines
BNF SECTION 8 – MALIGNANT DISEASE AND IMMUNOSUPPRESSION

8.1 Cytotoxic Drugs
For hospital prescribing only (red) unless otherwise stated

Drugs for cytotoxic-induced side effects
Calcium folinate tab/inj
• folinic acid rescue
Mesna tab/inj
• for urothelial toxicity

8.1.1 Alkylating drugs
Busulfan tab/inj
• inj for BMT only

Carmustine inj/implants NICE TA
Chlorambucil tab
Cyclophosphamide tab/inj
Ifosfamide inj
Lomustine cap
Melphalan tab/inj

8.1.2 Anthracyclines and other cytotoxic antibiotics
Bleomycin inj
Dactinomycin inj
Daunorubicin inj
Doxorubicin inj/liposomal inj NICE TA
Epirubicin inj
Idarubicin cap/inj
Mitomycin inj
Mitoxantrone inj

8.1.3 Antimetabolites
Capecitabine tab NICE TAs
Cladribine inj
Cytarabine inj
Fludarabine tab/inj
Fluorouracil inj
Gemcitabine inj NICE TAs
Mercaptopurine tab
Methotrexate inj
Pemetrexed inj NICE TAs
Tegafur with uracil cap NICE TA
Tioguanine tab

8.1.4 Vinca alkaloids and etoposide
Etoposide cap/inj

Specialist only Shared care PCT only All

Use in conjunction with BNF (www.bnf.org) and agreed local/national guidelines
Vinblastine inj
Vincristine inj
Vinorelbine inj

8.1.5 Other antineoplastic drugs
Amsacrine inj
Asparaginase inj
Bortezomib inj
Carboplatin inj
Cetuximab inj
Cisplatin inj
Dacarbazine inj
Dasatinib tab
  • for CML

Docetaxel inj
  • also for head and neck cancer

Erlotinib tab
Hydroxycarbamide (hydroxyurea) cap
Imatinib tab/cap
Irinotecan inj
Mitotane tab
  • palliative use in adrenal carcinoma

Oxaliplatin inj
Paclitaxel inj
Pegasparaginase inj
Procarbazine cap
Sunitinib cap
Temozolomide cap
Topotecan inj/cap
Trastuzumab inj
Tretinoin cap

8.2 Drugs Affecting The Immune Response

8.2.1 Antiproliferative immunosuppressants
Azathioprine tab/inj
Mycophenolate mofetil tab/cap/susp/inj
  • for prevention of transplant rejection, second line for resistant nephrotic syndrome, SLE nephritis

8.2.2 Corticosteroid and other immunosuppressants
Anti-human thymocyte immunoglobulin inj
Ciclosporin cap/liq[Neoral]/inj
  • specify brand

Sirolimus tab
  • for renal transplant

Specialist only  Shared care  PCT only  All

Use in conjunction with BNF (www.bnf.org) and agreed local/national guidelines
Tacrolimus cap/susp  
- specify brand  
- for prevention of transplant rejection, and second line for resistant nephrotic syndrome

8.2.3 Rituximab and alemtuzumab  
Alemtuzumab inj  
- for allogenic BMT and PBSC transplant

Rituximab inj  
- also for idiopathic thrombocytopenia and refractory autoimmune haemolytic anaemia  
Specialist use only

8.2.4 Other immunomodulating drugs  
NICE CG

Interferon alfa  
Interferon alfa inj  
Peginterferon alfa-2b inj  
- for myeloproliferative disorders when refractory or patient intolerant to standard therapy

Interferon beta  
Interferon beta inj  
- for multiple sclerosis

BCG bladder instillation  
BCG bladder instillation

Lenalidomide and thalidomide  
Lenalidomide cap  
Thalidomide cap  
- for renal cell carcinoma and multiple myeloma

Natalizumab  
Natalizumab inj  
NICE TA

8.3 Sex Hormones and Hormone Antagonists in Malignant Disease

8.3.1 Oestrogens  
Diethylstilbestrol (stilboestrol) tab  
Ethinylestradiol tab  
2mg tabs are named patient

8.3.2 Progestogens  
Medroxyprogesterone acetate tab  
Megestrol acetate tab  
Norethisterone tab

Specialist only  
Shared care  
PCT only  
All

Use in conjunction with BNF (www.bnf.org) and agreed local/national guidelines
8.3.4 Hormone antagonists

8.3.4.1 Breast cancer
Anastrozole tab
Exemestane tab
Letrozole tab
Tamoxifen tab

8.3.4.2 Gonadorelin analogues and gonadotrophin-releasing hormone antagonists
- see also section 6.7.2

Bicalutamide tab
Cyproterone acetate tab
Flutamide tab
Goserelin 3.6mg and 10.8mg implant
Leuprolelin 3.75mg inj [Prostap SR]
Triptorelin 3mg inj [Decapeptyl SR]
- first choice where licensed

Triptorelin 3.75mg inj [Gonapeptyl Depot] Child Health only

8.3.4.3 Somatostatin analogues
Octreotide inj

Long-acting
Lanreotide inj [Somatuline Autogel]
- for self-administration

Octreotide inj [Sandostatin Lar]
- acromegaly - first choice
BNF SECTION 9 – NUTRITION AND BLOOD

9.1 Anaemias and some Other Blood Disorders

9.1.1 Iron-deficiency anaemias

9.1.1.1 Oral iron
Sodium feredetate liq [Sytron]
Ferrous fumarate liq/tab
Ferrous fumarate and folic acid tab [Pregaday]
Ferrous sulphate tab

9.1.1.2 Parenteral iron
Iron sucrose inj [Venofer]

9.1.2 Drugs used in megaloblastic anaemias
Folic acid tab/liq
Hydroxocobalamin inj (prescribe generically)
• for vitamin B12 deficiency

9.1.3 Drugs used in hypoplastic, haemolytic and renal anaemia
Anti-lymphocyte immunoglobulin inj

Erythropoetins
Epoetin alfa inj [Eprex] Haematology advice and NICE TA and CG
Epoetin beta inj [NeoRecormon]
• for paediatric renal patients

Darbepoetin inj [Aranesp] NICE TA and CG
• for adult renal and adult haematology post-BMT patients

Iron overload
Desferrioxamine inj

9.1.4 Drugs used in platelet disorders
Anagrelide cap Consultant Haematologist only

9.1.6 Drugs used in neutropenia
Filgrastim inj
• specify brand

Pegfilgrastim inj
• for sarcoma only

9.2 Fluids and Electrolytes

9.2.1 Oral preparations for fluid and electrolyte imbalance

Specialist only Shared care PCT only All

Use in conjunction with BNF (www.bnf.org) and agreed local/national guidelines
9.2.1.1 Oral potassium
Potassium chloride eff tab [Sando-K]
Potassium chloride liq [Kay-Cee-L]
Potassium chloride MR tab [Slow K]

Management of hyperkalaemia
Calcium resonium powder

9.2.1.2 Oral sodium and water
High sodium powders

Oral rehydration salts/Electrolade on FP10
Sodium chloride MR tab

9.2.1.3 Oral bicarbonate
Sodium bicarbonate cap
### 9.2.2 Parenteral preparations for fluid and electrolyte imbalance

<table>
<thead>
<tr>
<th></th>
<th>Volume Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glucose 5%</td>
<td>50ml, 100ml, 250ml, 500ml, 1L bags</td>
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<tr>
<td>Glucose 10%</td>
<td>500ml bags</td>
</tr>
<tr>
<td>Glucose 20%</td>
<td>500ml bags</td>
</tr>
<tr>
<td>Glucose 50%</td>
<td>500ml bags</td>
</tr>
<tr>
<td>Sodium chloride 0.45%</td>
<td>500ml bags</td>
</tr>
<tr>
<td>Sodium chloride 0.9%</td>
<td>50ml, 100ml, 250ml, 500ml, 1L bags</td>
</tr>
<tr>
<td>Sodium chloride 0.18% and glucose 4%</td>
<td>500ml, 1L bags</td>
</tr>
<tr>
<td>Sodium chloride 0.18% and glucose 10%</td>
<td>500ml bags</td>
</tr>
<tr>
<td>Sodium chloride 0.45% and glucose 5%</td>
<td>500ml bags</td>
</tr>
<tr>
<td>Sodium chloride 0.45% and glucose 2.5%</td>
<td>500ml bags</td>
</tr>
<tr>
<td>Sodium chloride 0.9% and glucose 5%</td>
<td>500ml bags</td>
</tr>
<tr>
<td>Sodium lactate compound [Hartman’s]</td>
<td>500ml, 1L bags</td>
</tr>
<tr>
<td>Sodium bicarbonate compound [Ringer’s]</td>
<td>500ml, 1L, 2L bags</td>
</tr>
<tr>
<td>Sodium bicarbonate 1.26%, 1.4%, 2.74%, 4.2%</td>
<td>500ml polyfusor</td>
</tr>
<tr>
<td>Sodium bicarbonate 8.4%</td>
<td>200ml polyfusor</td>
</tr>
<tr>
<td>Heparin 500 units in sodium chloride 0.9%</td>
<td>500ml bags</td>
</tr>
<tr>
<td>Cardioplegia [Plegivex]</td>
<td>1L bags</td>
</tr>
<tr>
<td>Gelofusine</td>
<td>500ml, 1L bags</td>
</tr>
<tr>
<td>Hetastarch 6% in sodium chloride 0.9% (Nuclear Medicine and Radiopharmacy only)</td>
<td>500ml bag</td>
</tr>
<tr>
<td>Human albumin 4.5%</td>
<td>50ml, 100ml, 250ml, 500ml bottles</td>
</tr>
<tr>
<td>Human albumin 20%</td>
<td>50ml, 100ml, 250ml, 500ml bottles</td>
</tr>
<tr>
<td>Pentastarch 6% in sodium chloride 0.9% [HAES-steril]</td>
<td>500ml bag</td>
</tr>
<tr>
<td>Pentastarch 10% in sodium chloride 0.9% [HAES-steril]</td>
<td>500ml bag</td>
</tr>
<tr>
<td>Voluven 6% (ITU only when crystalloids or Gelofusine are not suitable)</td>
<td>500ml bag</td>
</tr>
</tbody>
</table>

Use in conjunction with BNF ([www.bnf.org](http://www.bnf.org)) and agreed local/national guidelines
## Potassium Containing I.V. Fluids

<table>
<thead>
<tr>
<th>Description</th>
<th>Container Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potassium chloride 0.15%, sodium chloride 0.45% and glucose 5%</td>
<td>500ml bags</td>
</tr>
<tr>
<td>(containing 10mmol potassium chloride)</td>
<td></td>
</tr>
<tr>
<td>Potassium chloride 0.15%, sodium chloride 0.45% and glucose 10%</td>
<td>500ml bags</td>
</tr>
<tr>
<td>(containing 10mmol potassium chloride)</td>
<td></td>
</tr>
<tr>
<td>Potassium chloride 0.15%, sodium chloride 0.18% and glucose 10%</td>
<td>500ml bags</td>
</tr>
<tr>
<td>(containing 10mmol potassium chloride)</td>
<td></td>
</tr>
<tr>
<td>Potassium chloride 0.2% and glucose 5%</td>
<td>500ml bags</td>
</tr>
<tr>
<td>(containing approx. 13.5mmol potassium chloride)</td>
<td></td>
</tr>
<tr>
<td>Potassium chloride 0.2% and glucose 5%</td>
<td>1L bags</td>
</tr>
<tr>
<td>(containing approx. 27mmol potassium chloride)</td>
<td></td>
</tr>
<tr>
<td>Potassium chloride 0.2% and sodium chloride 0.9%</td>
<td>500ml bags</td>
</tr>
<tr>
<td>(containing approx. 13.5mmol potassium chloride)</td>
<td></td>
</tr>
<tr>
<td>Potassium chloride 0.2% and sodium chloride 0.9%</td>
<td>1L bags</td>
</tr>
<tr>
<td>(containing approx. 27mmol potassium chloride)</td>
<td></td>
</tr>
<tr>
<td>Potassium chloride 0.2%, glucose 4% and sodium chloride 0.18%</td>
<td>500ml bags</td>
</tr>
<tr>
<td>(containing approx. 13.5mmol potassium chloride)</td>
<td></td>
</tr>
<tr>
<td>Potassium chloride 0.2%, glucose 4% and sodium chloride 0.18%</td>
<td>1L bags</td>
</tr>
<tr>
<td>(containing approx. 27mmol potassium chloride)</td>
<td></td>
</tr>
<tr>
<td>Potassium chloride 0.3% and glucose 5%</td>
<td>1L bags</td>
</tr>
<tr>
<td>(containing 40mmol potassium chloride)</td>
<td></td>
</tr>
<tr>
<td>Potassium chloride 0.3% and sodium chloride 0.9%</td>
<td>500ml bags</td>
</tr>
<tr>
<td>(containing 20mmol potassium chloride)</td>
<td></td>
</tr>
<tr>
<td>Potassium chloride 0.3% and sodium chloride 0.9%</td>
<td>1L bags</td>
</tr>
<tr>
<td>(containing 40mmol potassium chloride)</td>
<td></td>
</tr>
<tr>
<td>Potassium chloride 0.3%, sodium chloride 0.45% and glucose 5%</td>
<td>500ml bags</td>
</tr>
<tr>
<td>(containing 20mmol potassium chloride)</td>
<td></td>
</tr>
</tbody>
</table>

### 9.3 Intravenous Nutrition

Seek specialist advice from Adult Nutrition Team or relevant paediatric Pharmacist.
### 9.4 Oral Nutrition

**Section 1: products routinely stocked in pharmacy and available for ward stock lists**

Products listed in this section are routinely available in pharmacies and will be supplied to wards via the normal supply route.

<table>
<thead>
<tr>
<th>Product</th>
<th>Packsize</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Forticream Complete</td>
<td>4 x 125g</td>
<td>Vanilla, chocolate, forest fruit</td>
</tr>
<tr>
<td>Fortijuce</td>
<td>24 x 200ml</td>
<td>Lemon, apple, strawberry</td>
</tr>
<tr>
<td>Fortini</td>
<td>200ml</td>
<td>Strawberry, vanilla. Paediatric wards only</td>
</tr>
<tr>
<td>Fortisip Compact</td>
<td>24 x 125ml</td>
<td>Banana, vanilla, strawberry, mocha</td>
</tr>
<tr>
<td>Fortini Multifibre</td>
<td>200ml</td>
<td>Strawberry, banana</td>
</tr>
<tr>
<td>Fortisip Yogurt Style</td>
<td>24 x 200ml</td>
<td>Vanilla and lemon, raspberry</td>
</tr>
<tr>
<td>Nutrini</td>
<td>8 x 500ml</td>
<td>Paediatric wards only</td>
</tr>
<tr>
<td>Nutrini Energy</td>
<td>8 x 500ml</td>
<td>Paediatric wards only</td>
</tr>
<tr>
<td>Nutrini Energy Multifibre</td>
<td>8 x 500ml</td>
<td>Paediatric wards only</td>
</tr>
<tr>
<td>Nutrini Multifibre</td>
<td>8 x 500ml</td>
<td>Paediatric wards only</td>
</tr>
<tr>
<td>Nutrison Advanced Peptisorb</td>
<td>8 x 500ml</td>
<td></td>
</tr>
<tr>
<td>Nutrison Energy Multifibre</td>
<td>8 x 1000ml</td>
<td></td>
</tr>
<tr>
<td>Nutrison Low Sodium</td>
<td>8 x 1000ml</td>
<td></td>
</tr>
<tr>
<td>Nutrison MCT</td>
<td>8 x 1000ml</td>
<td>For malabsorption in adult surgery patients</td>
</tr>
<tr>
<td>Nutrison Multifibre</td>
<td>8 x 500ml</td>
<td></td>
</tr>
<tr>
<td>Nutrison Standard</td>
<td>8 x 500ml</td>
<td></td>
</tr>
<tr>
<td>Nutrison 1200 Complete Multifibre</td>
<td>8 x 1000ml</td>
<td></td>
</tr>
<tr>
<td>Tentrini</td>
<td>8 x 500ml</td>
<td>Paediatric wards only</td>
</tr>
<tr>
<td>Tentrini Energy Multifibre</td>
<td>8 x 500ml</td>
<td>Paediatric wards only</td>
</tr>
<tr>
<td>Tentrini Multifibre</td>
<td>8 x 500ml</td>
<td>Paediatric wards only</td>
</tr>
</tbody>
</table>
Section 2: products stocked in dispensaries
These products have a regular usage or a specific indication. However they do not need to be on ward stock lists. These must be requested using an Enteral Feed Request Form

<table>
<thead>
<tr>
<th>Product</th>
<th>Packsize</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calogen Emulsion</td>
<td>500ml</td>
<td>Strawberry, neutral only</td>
</tr>
<tr>
<td>Calogen Extra</td>
<td>200ml</td>
<td>Strawberry, neutral only</td>
</tr>
<tr>
<td>Carobel Instant Powder</td>
<td>135g</td>
<td></td>
</tr>
<tr>
<td>MCT oil</td>
<td>500ml</td>
<td></td>
</tr>
<tr>
<td>Modulen IBD Powder</td>
<td>400g</td>
<td>Issued from pharmacy for TTOs only</td>
</tr>
<tr>
<td>Nepro</td>
<td>200ml</td>
<td>Vanilla only (non-contract)</td>
</tr>
<tr>
<td>Nutrini Peptisorb</td>
<td>8 x 500ml</td>
<td>Formerly PEPTI</td>
</tr>
<tr>
<td>Nutrison Soya</td>
<td>8 x 1000ml</td>
<td></td>
</tr>
<tr>
<td>Polycal powder</td>
<td>400g</td>
<td></td>
</tr>
<tr>
<td>Prosure</td>
<td>240ml</td>
<td>Vanilla only</td>
</tr>
<tr>
<td>Scandishake Powder</td>
<td>6 x 85g</td>
<td>Chocolate, strawberry, vanilla</td>
</tr>
<tr>
<td>Seravit Paediatric Powder</td>
<td>200g</td>
<td>Unflavoured</td>
</tr>
<tr>
<td>Suplena</td>
<td>237ml</td>
<td></td>
</tr>
</tbody>
</table>
Section 3: products ordered from supplier on dietitian request
These must be requested by a dietitian on a dietitian request form

<table>
<thead>
<tr>
<th>Product</th>
<th>Packsize</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Duocal Super Soluble</td>
<td>400g</td>
<td></td>
</tr>
<tr>
<td>Elemental 028 Extra</td>
<td>250ml</td>
<td>Grapefruit, orange and pineapple, summer fruit</td>
</tr>
<tr>
<td>Elemental 028 Extra Powder</td>
<td>100g</td>
<td>Unflavoured</td>
</tr>
<tr>
<td>Elemental 028 Powder</td>
<td>100g</td>
<td>Unflavoured</td>
</tr>
<tr>
<td>Fortijuce</td>
<td>200ml</td>
<td>Orange, forest fruit, blackcurrant</td>
</tr>
<tr>
<td>Fortisip</td>
<td>200ml</td>
<td>Chocolate, neutral</td>
</tr>
<tr>
<td>Fortisip Multifibre</td>
<td>200ml</td>
<td>Chocolate, orange, vanilla</td>
</tr>
<tr>
<td>Fortisip Extra</td>
<td>200ml</td>
<td>Chocolate, forest fruit, vanilla</td>
</tr>
<tr>
<td>Infatrini</td>
<td>200ml</td>
<td>Unflavoured</td>
</tr>
<tr>
<td>Maxijul Super Soluble</td>
<td>200g</td>
<td>Restricted use – Paediatrics only</td>
</tr>
<tr>
<td>Nutrini</td>
<td>12 x 200ml</td>
<td>Restricted use – Paediatrics only</td>
</tr>
<tr>
<td>Nutrini Energy</td>
<td>12 x 200ml</td>
<td>Restricted use – Paediatrics only</td>
</tr>
<tr>
<td>Nutrini Energy Multifibre</td>
<td>12 x 200ml</td>
<td>Restricted use – Paediatrics only</td>
</tr>
<tr>
<td>Nutrini Low Energy Multifibre</td>
<td>12 x 200ml, 8 x 500ml</td>
<td>Restricted use – Paediatrics only</td>
</tr>
<tr>
<td>Nutrini Multifibre</td>
<td>12 x 200ml</td>
<td>Restricted use – Paediatrics only</td>
</tr>
<tr>
<td>Nutrison Advanced Peptisorb</td>
<td>8 x 1000ml</td>
<td></td>
</tr>
<tr>
<td>Nutrison Concentrated</td>
<td>8 x 500ml</td>
<td></td>
</tr>
<tr>
<td>Nutrison Energy</td>
<td>8 x 1000ml, 6 x 1500ml</td>
<td></td>
</tr>
<tr>
<td>Nutrison Energy Multifibre</td>
<td>8 x 1000ml, 6 x 1500ml</td>
<td></td>
</tr>
<tr>
<td>Nutrison Multifibre</td>
<td>8 x 1000ml, 6 x 1500ml</td>
<td></td>
</tr>
<tr>
<td>Nutrison Protein Plus</td>
<td>8 x 1000ml</td>
<td></td>
</tr>
<tr>
<td>Nutrison Protein Plus Multifibre</td>
<td>8 x 1000ml</td>
<td></td>
</tr>
<tr>
<td>Nutrison Soya Multifibre</td>
<td>6 x 1500ml</td>
<td></td>
</tr>
<tr>
<td>Nutrison Standard</td>
<td>8 x 1000ml, 6 x 1500ml</td>
<td></td>
</tr>
<tr>
<td>Nutrison 1000 Complete Multifibre</td>
<td>8 x 1000ml</td>
<td></td>
</tr>
<tr>
<td>Nutrison 1200 Complete Multifibre</td>
<td>6 x 1500ml</td>
<td></td>
</tr>
<tr>
<td>Paediasure Plus</td>
<td>200ml</td>
<td>Banana, strawberry, vanilla</td>
</tr>
<tr>
<td>Polycal Liquid</td>
<td>200ml</td>
<td>Neutral</td>
</tr>
<tr>
<td>Provide Xtra</td>
<td>200ml</td>
<td>Apple, orange and pineapple, citrus cola,</td>
</tr>
</tbody>
</table>

Specialist only    Shared care    PCT only    All

Use in conjunction with BNF (www.bnf.org) and agreed local/national guidelines
### Products for specific purposes

**Nutricia Pre-op carbohydrate drink**
- Enhanced Recovery after Laparoscopic Colorectal Surgery programme

### Primary Care

Before commencing a nutritional supplement other options should be considered, as per local dietetic guidelines. Regular review of continued need is essential. See also local Nutritional Supplement Formulary (NHS Southampton City), and local advice on gluten-free foods available on prescription.

**Powdered supplements** (mix with water or milk)
- Sweet flavours: Food Link Complete or Complan Shake
- Savoury Flavours: Vitasavoury 300

**Ready-to-drink supplements**
- Milk style: Ensure Plus or Clinutren 1.5
- Milk style with fibre: Ensure Plus Fibre
- Yoghurt style: Ensure Plus Yoghurt Style
- Fruit juice style: Ensure Plus Juice or ProvideXtra

**Thickened supplements**
- Resource Dessert Fruit or Resource Dessert Energy

**Probiotic drinks and powders**
These are not generally allowable on FP10 in primary care, and may be queried by the PPD if supplied in such a way, with costs recoverable from individual practices. The only exception currently is VSL# 3 powder which is ‘ACBS’ for niche use in ileo-anal pouchitis only. Other probiotics are not licensed for medicinal uses and should not be prescribed on FP10.

### 9.5 Minerals

#### 9.5.1 Calcium and magnesium

**9.5.1.1 Calcium supplements**
- Calcium carbonate chew tab [Calcichew]
- Calcium-Sandoz liq
- Calcium chloride 10mmol in 10ml inj
- Calcium gluconate 10% in 10ml inj
- Sandocal tab
9.5.1.2 Hypercalcaemia and hypercalciuria
Disodium pamidronate 15mg in 5ml and 90mg in 10ml inj

9.5.1.3 Magnesium
Magnesium glycerophosphate 2mmol cap Named patient
Magnesium glycerophosphate 4mmol tab Named patient
Magnesium oxide cap Named patient
• if compliance problems with glycerophosphate salt

Magnesium sulphate 50% (10ml) and 10% (10ml) inj

9.5.2 Phosphorus

9.5.2.1 Phosphate supplements
Potassium phosphate 17.42% inj
• exceptional use only
Phosphate-Sandoz tab
Sodium glycerophosphate 21.6% inj Unlicensed
• first line IV choice

9.5.2.2 Phosphate-binding agents
Aluminium hydroxide cap
Calcium carbonate chew tab [Calcichew] Unlicensed
Calcium carbonate 600mg/5ml susp
Sevelamer tab
• only when calcium-containing products not tolerated

9.5.4 Zinc
Zinc sulphate 220mg cap Unlicensed
Zinc sulphate eff tab
• only when compliance issues with caps

9.6 Vitamins

9.6.1 Vitamin A
Vitamins A and D cap

9.6.2 Vitamin B group
Pyridoxine tab
Thiamine tab
Vitamin B compound strong tab
Vitamins B and C inj [Pabrinex]

9.6.3 Vitamin C
Ascorbic acid tab/eff tab/inj
• eff tab for mouth care only

Use in conjunction with BNF (www.bnf.org) and agreed local/national guidelines
9.6.4 Vitamin D
Alfacalcidol liq
Calcitriol cap
Calcium and vitamin D3 forte tab/Adcal D3 on FP10
Ergocalciferol (calciferol) inj

9.6.5 Vitamin E
Vitamin E cap/liq/inj
Inj is named patient

9.6.6 Vitamin K
Menadiol tab
Neokay cap
Phytomenadione tab/inj
• Konakion MM Paediatric inj can be given orally

9.6.7 Multivitamin preparations
Dalivit drops
Forceval Junior cap
• if Sanatogen Gold Child inappropriate

Ketovite tab/liq
Multivitamin tab
Paediatric renal vitamins tab
• for dialysis patients

Sanatogen A-Z Complete tab
Sanatogen Gold Child A-Z chew tab
• first line for children

Selenium ACE tab
Viteyes Original caps
• primary care use after specialist recommendation for category 4 age-related macular degeneration only

9.8 Metabolic Disorders

9.8.1 Drugs used in metabolic disorders
L-arginine 60% inj
L-carnitine inj and 300mg/ml liq
Sodium benzoate inj
Sodium phenylbutyrate 1g in 5ml inj
Named patient

9.8.2 Acute porphyrias
Betaine tab
Haem arginate inj

Specialist only Shared care PCT only All

Use in conjunction with BNF (www.bnf.org) and agreed local/national guidelines
BNF SECTION 10 – MUSCULOSKELETAL AND JOINT DISEASES

10.1 Drugs used in Rheumatic Diseases and Gout

10.1.1 Non-steroidal anti-inflammatory drugs

Diclofenac tab/MR tab/disp tab/suppos
Diclofenac and misoprostol tab [Arthrotec]
Etoricoxib tab
  • for bariatric surgery only

Ibuprofen tab/liq/soluble (melt) (not MR tab)
Indometacin cap/MR cap/susp/suppos
Ketorolac inj
Mefenamic acid tab
  • for dysmenorrhoea and menorrhagia

Meloxicam tab
Nabumetone tab
Naproxen tab
Phenylbutazone tab
  • for paediatric rheumatology

10.1.2 Corticosteroids

10.1.2.1 Systemic corticosteroids
Prednisolone tab/soluble tab (not EC tab)

10.1.2.2 Local corticosteroid injections
Hydrocortisone acetate inj [Hydrocortistab]
Methylprednisolone inj [Depo-Medrone]
Methylprednisolone and lidocaine inj
Triamcinolone acetonide inj [Adcortyl or
Kenalog depending on volume]
Triamcinolone hexacetonide inj
  • for paediatric rheumatology

10.1.3 Drugs which suppress the rheumatic disease process
  • initiated by specialists only

Hydroxychloroquine tab
Penicillamine tab
Sodium aurothiomalate inj
Sulfasalazine EC tab

Drugs affecting the immune response
Azathioprine tab
Ciclosporin cap/liq [Neoral]
  • specify brand

Specialist only    Shared care    PCT only    All

Use in conjunction with BNF (www.bnf.org) and agreed local/national guidelines
Leflunomide tab
Methotrexate tab/inj (NB Once weekly)

Cytokine modulators
Adalimumab inj NICE TA
Etanercept inj NICE TA
Infliximab inj NICE TA
Rituximab inj NICE TA
• also approved for pemphigus, pemphigoid, nephrotic syndrome in paediatrics

10.1.4 Gout and cytotoxic-induced hyperuricaemia

Acute attacks of gout
Colchicine tab
• second line

NSAID (not aspirin) - see section 10.1.1

Long-term control of gout
Allopurinol tab
Febuxostat tab NICE TA

Hyperuricaemia associated with cytotoxic drugs
Rasburicase inj Oncology only

10.2 Drugs used in Neuromuscular Disorders

10.2.1 Drugs which enhance neuromuscular transmission
3,4-diaminopyridine tab Named patient
• for Lambert-Eaton Syndrome

Anticholinesterases
Edrophonium inj
Neostigmine tab/inj
Pyridostigmine tab

10.2.2 Skeletal muscle relaxants
Baclofen tab/liq
Dantrolene cap
Diazepam tab/liq/inj/rect liq
Tizanidine tab

Nocturnal leg cramps
Quinine sulphate 300mg tab

10.3 Drugs For The Relief Of Soft-tissue Inflammation

10.3.2 Rubefacients and other topical antirheumatics
Capsaicin 0.025% gel

Use in conjunction with BNF (www.bnf.org) and agreed local/national guidelines
Diethylamine salicylate cream [Algesal]
Ibuprofen gel

Other musculoskeletal preparations
Dibotermin alfa for implantation [InductOs]
Eptoterin alfa for implantation [Osigraft]

Limited usage - contact Care Group Pharmacist

Use in conjunction with BNF (www.bnf.org) and agreed local/national guidelines
BNF SECTION 11 – EYE

11.3 Anti-infective Eye Preparations

11.3.1 Antibacterials

Cefuroxime 5% eye drops
Unlicensed, Ophthalmology only

Chloramphenicol 0.5% eye drops/Minims and 1% eye oint

• first line

Chlorhexidine 0.02% eye drops
Unlicensed

Chlortetracycline 1% eye oint
Named patient

Fusidic acid eye drops

• second line

Gentamicin 0.3% eye drops

Neomycin eye oint

Ofloxacin eye drops
Ophthalmology only

Penicillin 0.3 % eye drops
Unlicensed

Polyhexamethylene 0.02% and 0.06% eye drops

Propamidine eye drops

11.3.2 Antifungals

Amphotericin 0.15% eye drops

Unlicensed

11.3.3 Antivirals

Aciclovir eye oint

11.4 Corticosteroids and Other Anti-inflammatory Preparations

11.4.1 Corticosteroids

Betamethasone eye drops/ointment

Dexamethasone Minims

Dexamethasone and hypromellose eye drops [Maxidex]

Fluoromethalone eye drops

Prednisolone eye drops/Minims

With anti-infective

Betamethasone and neomycin eye drops/ointment

Dexamethasone, neomycin and polymyxin B eye drops/ointment [Maxitrol]

Prednisolone and neomycin eye drops

11.4.2 Other anti-inflammatory preparations

Sodium cromoglicate eye drops

• first line

Antazoline and xylometazoline eye drops [Otrivine-Antistin]

Use in conjunction with BNF (www.bnf.org) and agreed local/national guidelines
11.5 Mydriatics and Cycloplegics
Atropine 0.5% eye drops/1% Minims/eye oint
Cyclopentolate eye drops and Minims
Homatropine 2% eye drops
Phenylephrine Minims
Tropicamide Minims

11.6 Treatment of Glaucoma
• usually started by an ophthalmologist

Beta-blockers
Betaxolol 0.5% eye drops and 0.25% susp eye drops
Levobunolol eye drops
Timolol eye drops and unit dose eye drops
• first line

Prostaglandin analogues
Bimatoprost eye drops
• second line
Latanoprost eye drops
• first line
Latanoprost and timolol eye drops [Xalacom] for stable patients with compliance issues

Sympathomimetics
Brimonidine eye drops

Carbonic anhydrase inhibitors and systemic drugs
Acetazolamide tab/MR cap/inj
Brinzolamide eye drops
• first line
Dorzolamide eye drops
Dorzolamide and timolol eye drops [Cosopt] for stable patients with compliance issues
Dorzolamide and timolol unit dose eye drops [Cosopt] only when preservatives not tolerated

Glycerol BP

Miotics
Pilocarpine eye drops/ophthalmic gel
Specialist only Shared care PCT only All

Use in conjunction with BNF (www.bnf.org) and agreed local/national guidelines
11.7 Local Anaesthetics
Cocaine eye drops 4%  
Oxybuprocaine Minims  
Proxymetacaine Minims  
Tetracaine 1% Minims  

Unlicensed, Ophthalmology only

11.8 Miscellaneous Ophthalmic Preparations

11.8.1 Tear deficiency, ocular lubricants, and astringents
Acetylcysteine eye drops [Ilube]  
Carmellose sodium eye drops (preservative-free) [Celluvisc]  
Hypromellose 0.3% eye drops
• first line

Hypromellose 0.3% eye drops (preservative-free)  
Lacri-Lube eye oint  
Liquifilm Tears eye drops  
Liquifilm Tears unit dose eye drops
• only when preservatives not tolerated

Polyacrylic acid eye drops [GelTears]  
Simple eye oint  
Tears Naturale eye drops

11.8.2 Ocular diagnostic and peri-operative preparations and photodynamic treatment

Ocular diagnostic preparations  
Fluorescein Minims

Ocular peri-operative drugs
Apraclonidine 0.5% eye drops  
Hydroxypropylmethylcellulose in balanced salt solution inj (HPMC in BSS)  
Indocyanine green inj  
Ketorolac eye drops  
Perfluorodecaline inj  
Silicone fluid 5700 CS liq

Subfoveal choroidal neovascularisation  
Ranibizumab intravitreal inj  
Verteporfin inj

Other preparations
Balanced salt solution  
Disodium edetate 0.37% eye drops  
Mydricaine No. 2 inj  
Potassium ascorbate 10% eye drops  
Specialist only  
Shared care  
PCT only  
All

Use in conjunction with BNF (www.bnf.org) and agreed local/national guidelines
Sodium chloride 0.9% Minims and 5% eye drops/ointment

Viteyes Original caps
- primary care use after specialist recommendation for category 4 age-related macular degeneration only

**Ocular injections**
Acetylcholine chloride 1% intra-ocular inj
Betamethasone
Sodium hyaluronate inj:
  - [Provisc] first line for routine cataract cases
  - [Healonid GV] second line for more complex cataract cases
  - [Healonid] corneal grafts and other corneal surgery

**11.9 Contact Lens Preparations**
- NOT available on FP10

**Hard lenses**
Boston Advance (3 month pack)
Saline spray

**Soft lenses**
Amiclair protein remover tab
Miraflow
Opti-Free Express
Saline Spray

**Coloured lenses**
Quattro solution

Use in conjunction with BNF (www.bnf.org) and agreed local/national guidelines
BNF SECTION 12 – EAR, NOSE AND OROPHARYNX

12.1 Drugs Acting on The Ear

12.1.1 Otitis externa

**Anti-inflammatory preparations**
Betamethasone ear drops

**Anti-infective preparations**
Chloramphenicol 5% ear drops
Clotrimazole solution
Gentamicin ear drops

**Anti-infective preparations with corticosteroid**
Betamethasone and neomycin ear drops [Vistamethasone N]
Dexamethasone, framycetin and gramicidin ear drops [Sofradex]
Dexamethasone, neomycin and glacial acetic acid ear spray [Otomize]
Flumetasone and clioquinol ear drops [Locorten-Vioform]
Hydrocortisone and gentamicin ear drops [Gentisone HC]
Hydrocortisone, neomycin and polymyxin B ear drops [Otosporin]

12.1.3 Removal of ear wax
Olive oil ear drops
Sodium bicarbonate ear drops

12.2 Drugs Acting on The Nose

12.2.1 Drugs used in nasal allergy
Beclometasone dipropionate aqueous nasal spray
• first line

Betamethasone nasal drops
Mometasone nasal spray
• if beclometasone ineffective in adults, nasal polyps, children

12.2.2 Topical nasal decongestants
Ephedrine nasal drops
• first line

Sodium chloride 0.9%
Xylometazoline nasal drops/spray
12.2.3 Nasal preparations for infection
Chlorhexidine and neomycin cream
[Naseptin]
Mupirocin nasal oint
• for MRSA only

Other preparations
BIPP gauze
Co-phenylcaine nasal spray Unlicensed
Povidone iodine 10% in boric acid powder Unlicensed
Sinus Rinse
Sterimar nasal spray
• for short-term use after ENT surgery only

12.3 Drugs Acting on The Oropharynx

12.3.1 Drugs used for oral ulceration and inflammation
Benzydamine oral rinse and spray
• a first line choice in uncomplicated oral ulceration

Betamethasone soluble tab
• for use as mouthwash only

Choline salicylate dental gel OTC in primary care
• a first line choice in uncomplicated oral ulceration

Cocaine 5% MW Unlicensed
Hydrocortisone pellets
• second line for uncomplicated oral ulceration

Orabase protective paste
Oxetacaine susp Unlicensed, Cancer Care only

12.3.2 Oropharyngeal anti-infective drugs
Amphotericin susp/lozenges
• second line

Miconazole oral gel
Nystatin oral susp

12.3.4 Mouthwashes, gargles and dentifrices
Chlorhexidine MW/dental gel OTC in primary care
Glycerin and lemon mouth swabs
Mouthwash solution tab

12.3.5 Treatment of dry mouth
Artificial saliva oral spray [Glandosane]
Artificial saliva oral spray [Luborant]

Use in conjunction with BNF (www.bnf.org) and agreed local/national guidelines
<table>
<thead>
<tr>
<th>Specialist only</th>
<th>Shared care</th>
<th>PCT only</th>
<th>All</th>
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Use in conjunction with BNF ([www.bnf.org](http://www.bnf.org)) and agreed local/national guidelines

Saliva replacement gel [Biotène Oralbalance]
BNF SECTION 13 – SKIN

13.2 Emollient and Barrier Preparations
• most of these are also available OTC

13.2.1 Emollients

Low greasy
Aqueous cream
• first line

Dermol 500 lotion
Diprobase cream/ointment
• second line

Medium greasy
Doublebase gel
Unguentum M cream
Urea 10% cream [Eucerin]

Very greasy
Epaderm oint/Hydromol cream/ointment
Liquid paraffin, white soft paraffin 50/50 oint
Paraffin white soft oint

Other preparations
Lubricating jelly

13.2.1.1 Emollient bath additives
Dermalo bath emollient
• first line

Emulsiderm liquid emulsion
Emulsifying oint
Hydromol bath additive
Oilatum fragrance-free bath additive

13.2.2 Barrier preparations
Drapolene cream
Metanium oint
• second line for Critical Care and Child Health only

Sudocrem cream
• second line (except Critical Care and Child Health)

Zinc and castor oil oint
• first line

Use in conjunction with BNF (www.bnf.org) and agreed local/national guidelines
13.3 Topical Local Anaesthetics and Antipruritics
Calamine lotion
Crotamiton cream
• for post-scabetic itch

Menthol 0.5% in aqueous cream/Arjun cream

13.4 Topical Corticosteroids

NICE TA and CG

Mildly potent
Hydrocortisone 1% cream/ointment

Moderately potent
Betamethasone 0.025% cream/ointment [Betnovate RD]
Clobetasone 0.05% cream/ointment [Eumovate]
Fludroxcortide tape [Haelan]

Potent
Betamethasone 0.1% cream/ointment
Betamethasone 0.1% scalp application [Betacap]
Betamethasone 0.05%, salicylic acid 3% oint/lotion [Diproca]
Fluticasone 0.05% cream [Cutivate]
Fluticasone 0.005% oint [Cutivate]
Hydrocortisone butyrate 0.1% cream/ointment [Locoid]
Mometasone 0.1% cream/ointment [Elocon]

Very potent
Clobetasol 0.05% cream/ointment [Dermovate]
Diflucortolone 0.3% oily cream [Nerison Forte]

Combination corticosteroids with anti-infectives
• for short-term use

Betamethasone and fusidic acid cream [Fucibet]
Clobetasol, neomycin and nystatin cream [Dermovate NN]
Clobetasol, oxytetracycline and nystatin cream [Trimovate]
Hydrocortisone and fusidic acid cream/ointment [Fucidin H]
Hydrocortisone and miconazole cream [Daktacort]
Triamcinolone and chlortetracycline oint [Aureocort]

Specialist only Shared care PCT only All

Use in conjunction with BNF (www.bnf.org) and agreed local/national guidelines
13.5 Preparations for Eczema and Psoriasis

13.5.1 Preparations for eczema

**Alitretinoin cap**

**Ichthammol glycerin BPC**

**Zinc paste and ichthammol bandage**

[Ichthopaste]

13.5.2 Preparations for psoriasis

**Topical preparations for psoriasis**

**Calcipotriol cream/ointment**

**Calcipotriol and betamethasone ointment**

[Dovobet]

**Coal tar lotion [Exorex]**

**Coal tar extract, hydrocortisone and allantoin cream [Alphosyl HC]**

**Crude coal tar in white soft paraffin**

**Dithranol cream**

- for short term use

**Dithranol paste**

**Sebco scalp oint**

**Tacalcitol oint [Curatoderm]**

**Zinc and salicylic acid paste BP [Lassar’s paste]**

**Oral retinoids for psoriasis**

**Acitretin cap**

**Fumaderm tab**

- for psoriasis

**Preparations for PUVA**

**8-methoxypsoralen tab/paint/bath lotion**

Unlicensed, Dermatology only

13.5.3 Drugs affecting the immune response

**Adalimumab inj**

Consultant Dermatologist only, NICE TA

**Ciclosporin cap/liq [Neoral]**

- specify brand

**Etanercept inj**

Consultant Dermatologist only, NICE TA

**Infliximab inj**

Consultant Dermatologist only, NICE TA

**Methotrexate tab/inj (NB Once weekly)**

Consultant Dermatologist only, NICE TA

**Mycophenolate tab**

Consultant Dermatologist only, NICE TA

**Pimecrolimus cream**

Consultant Dermatologist only, NICE TA

**Tacrolimus oint**

Consultant Dermatologist only, NICE TA

**Ustekinumab inj**

Consultant Dermatologist only, NICE TA

**Specialist only**

**Shared care**

**PCT only**

**All**

Use in conjunction with BNF [www.bnf.org](http://www.bnf.org) and agreed local/national guidelines
13.6 Acne and Rosacea

- in SUHT initiated by Dermatology

13.6.1 Topical preparations for acne

**Benzoyl peroxide and azelaic acid**
- Benzoyl peroxide 4% cream [Brevoxyl]
  - first line

- Benzoyl peroxide 5% and clindamycin 1% gel [Duac Once Daily]
  - second line

**Antibacterials**
- Clindamycin topical solution [Dalacin T]
  - if intolerance to benzoyl peroxide

**Topical retinoids and related preparations for acne**
- Adapalene gel
  - if intolerance to tretinoin

- Tretinoin gel [Retin A]
  - first line

13.6.2 Oral preparations for acne

**Oral antibacterials for acne**
- Doxycycline cap
- Erythromycin tab
- Lymecycline cap
- Minocycline tab (not MR cap)
- Oxytetracycline tab

**Hormone treatment for acne**
- Co-cyprindiol tab [Dianette]

**Oral retinoid for acne**
- Isotretinoin cap
  - Hospital only

13.7 Preparations for Warts and Calluses

**Formaldehyde gel**

**Podophyllum and salicylic acid oint [Posalfilin]**
  - OTC or FP10
  - for plantar warts

**Salicylic acid oint**
- Salicylic acid and lactic acid gel [Salactol]
  - OTC in primary care
  - for warts, verrucas, corns
- Silver nitrate pencil/stick
**Anogenital warts**
- Imiquimod cream [Aldara]
- Podophyllum compound paint BP  
  Unlicensed
- Podophyllotoxin cream
- Podophyllotoxin topical liq

**13.8 Sunscreens and Camouflagers**

**13.8.1 Sunscreen preparations**
- Uvistat Ultrablock cream SPF 30

**Photodamage**
- Fluorouracil cream  
  Dermatology only

**13.9 Shampoos And Other Preparations For Scalp And Hair Conditions**
- Capasal shampoo
- Ceanel concentrate shampoo
- Eflornithine cream
  - only when other available options are inappropriate or ineffective
- Ketoconazole shampoo
- Polytar liq

**13.10 Anti-infective Skin Preparations**

**13.10.1 Antibacterial preparations**

**13.10.1.1 Antibacterial preparations only used topically**
- Mupirocin cream/oint [Bactroban]
- Silver sulfadiazine cream [Flamazine]
  - for infected burns and ulcers

**13.10.1.2 Antibacterial preparations also used systemically**
- Fusidic acid cream/oint [Fucidin]
- Metronidazole 0.75% gel
  - Dermatology initiated for rosacea
  - also for fungating tumours

**13.10.2 Antifungal preparations**
- Amorolfine nail lacquer  
  FP10 only
  - for mild, distal disease in up to 2 nails
- Clotrimazole 1% cream/solution/powder  
  OTC in primary care
- Ketoconazole cream
- Miconazole cream
- Terbinafine cream
  - Dermatology or GUM initiated

Use in conjunction with BNF ([www.bnf.org](http://www.bnf.org)) and agreed local/national guidelines
13.10.3 Antiviral preparations
Aciclovir cream
• for initial and recurrent labial and genital herpes simplex

13.10.4 Parasiticidal preparations
Malathion aqueous liq [Derbac-M]
• headlice and second line scabies

Permethrin dermal cream [Lyclear]
• scabies - first line

Primary care – headlice
Dimeticone lotion [OTC: Hedrin]
Malathion aqueous liq [OTC: Quellada-M or Derbac-M]
Phenothrin 0.5% aqueous liq [OTC: Full Marks Liquid]

13.10.5 Preparations for minor cuts and abrasions
Flexible collodion BP
Magnesium sulphate paste BP
Proflavine cream BPC

13.11 Skin Cleansers and Antiseptics

For MRSA decolonisation
Chlorhexidine gluconate 4% surgical scrub From NHS Logistics
Didecyldimonium chloride 1% wash lotion [Stellisep med] From NHS Logistics
Octenidine 0.3% lotion [Octenisan] From NHS Logistics

13.11.1 Alcohols and saline
Acetone BP From NHS Logistics
Alcohol 70% gel
Industrial methylated spirit 70% and 95%
Isopropyl alcohol 70% swabs/wipes
Sodium chloride 0.9%
Sodium chloride 0.9% sterile [Stericlen]

13.11.2 Chlorhexidine salts
Chlorhexidine gluconate 4% surgical scrub From NHS Logistics
Chlorhexidine gluconate 0.5% in an alcoholic solution From NHS Logistics
Chlorhexidine gluconate obstetric cream
Chlorhexidine gluconate 0.05% sterile solution From NHS Logistics
Chlorhexidine hand rub From NHS Logistics

13.11.3 Cationic surfactants and soaps
Chlorhexidine and cetrimide sach [Tisept] From NHS Logistics

Specialist only Shared care PCT only All

Use in conjunction with BNF (www.bnf.org) and agreed local/national guidelines
Chlorhexidine and cetrimide 1L bottles

13.11.4 Iodine
Iodine alcoholic solution BP
Iodine aqueous solution BP
Povidone iodine 10% alcoholic solution From NHS Logistics
Povidone iodine 10% aqueous solution From NHS Logistics
Povidone iodine 2.5% dry powder spray From NHS Logistics
Povidone iodine 7.5% surgical scrub From NHS Logistics

13.11.6 Oxidisers and dyes
Hydrogen peroxide 10 Vol (3%) and 20 Vol (6%) solution
Hydrogen peroxide 10 Vol (3%) sterile solution
Potassium permanganate solution tab [Permitabs]

Other products
Plaster remover
Sugar Paste (thick) Unlicensed

See separate wound formulary for dressings
BNF SECTION 14 – IMMUNOLOGICAL PRODUCTS AND VACCINES

14.4 Vaccines and Antisera

BCG vaccine
Botulinum antitoxin  Specialist clinics only
Diphtheria, tetanus, 5 component acellular pertussis, inactivated polio vaccine and haemophilus influenzae type b vaccine (dTaP/IPV/Hib)
Haemophilus influenzae type b vaccine
Haemophilus influenzae type b, meningococcal group C vaccine
Hepatitis A vaccine
Hepatitis A and typhoid vaccine
Hepatitis B vaccine
Influenza vaccine
Low dose diphtheria, tetanus, 5 component acellular pertussis and inactivated polio vaccine (dTaP/IPV)
Low dose diphtheria, tetanus and inactivated polio vaccine (Td/IPV)
Measles, mumps and rubella vaccine
Meningococcal Group C conjugate vaccine
Pneumococcal polysaccharide 7 valent vaccine
Pneumococcal polysaccharide 23 valent vaccine
Tuberculin PPD (Mantoux test)  Named patient
Typhoid vaccine
Varicella-zoster vaccine
Yellow fever vaccine

14.5 Immunoglobulins

Available from Hospital Pharmacy
Hepatitis B immunoglobulin  Microbiology request only
Normal human immunoglobulin  National Demand Management Programme
Rabies immunoglobulin
Tetanus immunoglobulin
Varicella-zoster immunoglobulin  Microbiology request only

Available from Haematology
Anti-D (Rh) immunoglobulin  NICE TA

Specialist only  Shared care  PCT only  All

Use in conjunction with BNF (www.bnf.org) and agreed local/national guidelines
BNF SECTION 15 – ANAESTHESIA

15.1 General Anaesthesia
Sodium citrate 0.3M mixture Unlicensed
• for prevention of aspiration pneumonitis
• emergency Caesarean

15.1.1 Intravenous anaesthetics
Etomidate inj
Ketamine inj
Ketamine S inj (preservative-free) Named patient, Child Health
Propofol inj
Thiopental sodium inj

15.1.2 Inhalation anaesthetics
Desflurane
• for bariatric surgery or
• for use by Consultants, or on approval of a Consultant, for patients with BMI>35kg/m² undergoing obstetric or gynaecological surgery

Halothane 125ml is named patient
Isoflurane
Sevoflurane
• for children, patients with liver failure or obesity

15.1.3 Antimuscarinic drugs
Atropine sulphate inj
Glycopyrronium bromide inj
Hyoscine hydrobromide inj

15.1.4 Sedative and analgesic peri-operative drugs

15.1.4.1 Anxiolytics and neuroleptics
Diazepam tab/liq/rect liq/inj/Diazemuls
Lorazepam tab/inj
Midazolam inj

15.1.4.2 Non-opioid analgesics
Diclofenac tab/disp tab/suppos/inj 37.5mg/ml
• inj for theatres and ED only

15.1.4.3 Opioid analgesics
• see also section 4.7.2

Alfentanil inj
Fentanyl inj
Remifentanil inj Theatres only

Use in conjunction with BNF (www.bnf.org) and agreed local/national guidelines
15.1.5 Neuromuscular blocking drugs
Atracurium inj
Mivacurium inj
Pancuronium inj
Rocuronium inj
Suxamethonium inj
Vecuronium inj

Specialist use only

15.1.6 Drugs for reversal of neuromuscular blockade
Edrophonium inj
Glycopyrronium and neostigmine inj
Neostigmine inj

15.1.7 Antagonists for central and respiratory depression
Doxapram inj
Flumazenil inj
Naloxone inj

15.1.8 Drugs for malignant hyperthermia
Dantrolene inj
• notify Consultant IMMEDIATELY diagnosis suspected

15.2 Local Anaesthesia
Bupivacaine 0.125%, 0.25% and 0.5% inj
Bupivacaine 0.15% and fentanyl
2microgram/ml epidural
Bupivacaine 0.1% and fentanyl
2microgram/ml epidural
Bupivacine 5mg and glucose 80mg/ml inj
[Marcaine Heavy]
Ethyl chloride spray
Levobupivacaine inj
• high risk blocks only e.g. interscalene

Lidocaine 0.5%, 1% and 2% inj
Lidocaine 5% oint
Lidocaine 4% topical solution
Lidocaine 1% and adrenaline 1:80,000 inj
Lidocaine 2% and adrenaline 1:80,000 inj
Lidocaine 2% and adrenaline 1:200,000 inj
Lidocaine, adrenaline and tetracaine gel [LAT]
Lidocaine and chlorhexidine sterile gel
[Instillagel]
Lidocaine 0.4% and glucose 5% inj
Lidocaine and prilocaine cream [Emla]
Prilocaine inj
Prilocaine and felypressin inj
Tetracaine gel

Specialist only
Shared care
PCT only
All

Use in conjunction with BNF (www.bnf.org) and agreed local/national guidelines